



SAN DIEGO STATE
UNIVERSITY

SDSU Senate Agenda

Oct 5th, 2021

Online via [Zoom](#)

2:00 to 4:30 pm

1. Call to Order, Land Acknowledgement, and Principles of Shared Governance:

Land Acknowledgement

We stand upon a land that carries the footsteps of millennia of Kumeyaay people. They are a people whose traditional lifeways intertwine with a worldview of earth and sky in a community of living beings. This land is part of a relationship that has nourished, healed, protected and embraced the Kumeyaay people to the present day. It is part of a world view founded in the harmony of the cycles of the sky and balance in the forces of life. For the Kumeyaay, red and black represent the balance of those forces that provide for harmony within our bodies as well as the world around us.

As students, faculty, staff and alumni of San Diego State University we acknowledge this legacy from the Kumeyaay. We promote this balance in life as we pursue our goals of knowledge and understanding. We find inspiration in the Kumeyaay spirit to open our minds and hearts. It is the legacy of the red and black. It is the land of the Kumeyaay.

Eyay e'Hunn My heart is good.

Michael Miskwish – Kumeyaay

Principles of Shared Governance:

Trust is recognized as a fundamental ingredient that is essential for effective shared governance. Without trust, the practices of partnership, inclusion, open communication, ownership, and accountability are likely to break down. SDSU community members have identified three key principles for shared governance at SDSU that all rely on the fundamental ingredient of TRUST: Respect, Communication, Responsibility.

2. Approval of Agenda (Preciado)

3. Officers Report

3.1. Referrals Chart (Butler-Byrd) **Page 4**

3.2. Senate Budget Update (Fuller)

3.3. Chairs Report

a) Ad hoc Committee (formation/membership/charge) (Weston)

Charge: Investigate and report back to the Senate on Master student financial issues in all Colleges across campus; specifically examining the support that graduate students receive through Teaching Assistantship. Also, investigate any potential policy, organizational, or fiscal obstacles that need to be addressed in order to meet a paucity in Master student support. Please report back, before the end of Spring 2022.

b) Formal recognition and thanks to FIT Center/Flex Institute.

3.4. Senate Minutes Sept. 9th, 2021 (Preciado) <https://senate.sdsu.edu/agendas-minutes>

3.5. Announcement: New Guidelines for Meetings (introduction) and pilot testing voting through Qualtrics. (Weston)

4. Academic Affairs Report

4.1. President's Remarks (de la Torre)

4.2. Provost's Report (Ochoa) (delayed til 2:20pm)

4.3. SDSU 125th Anniversary (Seth Mallios)

5. Senate Actions (Weston)

5.1. Annual Agenda (Weston) **Page 7**

5.2. Emeritus Status (missed vote Feb 2021) (Weston) **Page 8**

5.3. Graduate Council (Love)

a) ACTION (3A-09-21.500) New Course & Certificates **Page 9**

b) ACTION (3A-09-21) New Course & Certificates **Page 13**

c) ACTION Graduate student good standing criteria **Page 20**

5.4. Committee on Committees and Elections. Committee Appointments (Marx) **Page 21**

5.5. General Education (Wilson) **Page 23**

5.6. Undergraduate Committee (Barbone) **Page 24**

5.7. Academic Policy and Planning Committee (AP&P) (Lach)

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- a) Course Forgiveness Policy Page 40
 - b) Term Credit Limits Page 41
6. Committee Reports
- 6.1. ASCSU report (Ornatowski) Page 42
 - 6.2. CFA Report (Abdel-Samad) Page 46
 - 6.3. Academic Policy and Planning Committee (AP&P) Information Item: Academic Policy Changes. (Lach) Page 47
 - 6.4. Graduate Council (Love)
 - a) INFORMATION (3I-09-21) Change in Programs Page 48
 - b) INFORMATION (3I-09-21.500) Change in Prerequisites and Course deactivation. Page 87
 - 6.5. Undergraduate Committee (Barbone) Page 100
 - 6.6. URAD Report (Weston) Page 148
 - 6.7. Report of Traffic and Parking Changes (Deborah Richeson, Cynthia Cervantes, and Kara Bauer) **Time Certain 4:15pm**
7. Announcements (Weston)
8. Adjourn.



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Senate Referral Chart
October 2021

	Date Received (M/Y)	From	Title	Description	Referred to (use committee full name)	SEC Date	Senate Date
10	03/2021	Senate Officers from Farid Abdel-Nour <abdelnou@sdsu.edu>	Policy Reviews for Programs Offered through Global and Main Campuses	Policy Reviews for Conflict of Interest, AT as Compensation for GC Work, Privileging Accredited Programs in Resource Allocations. (formerly 2/21/21 Amendment to Item # 20/21_22 Graduate Council New Program Approvals for Global Campus)	Academic Policy & Planning		
11	03/2021	Senate Officers	ASCSU Resolution: FACULTY EMERITUS/EMERITA STATUS: REVOCATION AND APPEAL	On March 18, 2021, the Academic Senate of the CSU (ASCSU) passed the resolution, FACULTY EMERITUS/EMERITA STATUS: REVOCATION AND APPEAL. This resolution was developed by the ASCSU Faculty Affairs Committee in order to clarify faculty emeritus/emerita policies and bring them into alignment across the CSU. Eliminated Referral #20/21_4 Policy to Rescind Emeritus Status.	Academic Policy & Planning		
12	03/2021	Senate Officers	Add COVID-19 Statement to TT, lecturers & staff evaluations during the pandemic	Add COVID-19 Statement to TT, lecturers & staff evaluations during the pandemic	Faculty Affairs		
13	4/2021	Senate Officers	Faculty Behaviors & Responsibilities to Create a Diverse, Equitable Inclusive Classroom Environment	Research policies and procedures about faculty behaviors and responsibilities to create diverse, equitable, inclusive classroom environments.	Faculty Advancement, Freedom of Expression, Diversity Equity & Inclusion		
14	07/21	Provost Ochoa & AVP Hyman	Academic Policy Changes/PeopleSoft & Action Items	1. Information item: Academic Policy Changes/PeopleSoft 2. Action item: Graduation Candidates 3. Action item: Course Forgiveness 4. Action item: Summer Registration Limits	Academic Policy & Planning		
15	08/2021	Senate Officers	Tenure Track Planning Policy Implementation and Review	Review Tenure Track Policy, committee composition, roles, responsibilities, composition, forms and documents. Refer recommended policy changes to AP&P. Research how each of the colleges make decisions.	Tenure Track Planning	8/24/21	
16	08/2021	AVP Joanna Brooks/UC	Undergraduate Advising Policy Updates	Advising, Undergraduate Academic Policy Updates	Academic Policy & Planning		
17	09/2021	Senate Officers	Requests for Additional Voting Ex-Officio Senate Members	Consider adding Dean of the College of Graduate Studies & Vice President of Information Technology as voting ex-officio members of Senate - bylaw amendment	Constitution & Bylaws		
18	09/2021	Senate Officers	Review Selection Procedures for Search Committees	Review selection procedures for search committees, administrative review committees of campus vice presidents, deans, and certain academic administrators at the associate vice president level or higher. How shall committee members be selected? Who would be consulted? Ensure impartial, fair elections processes and procedures.	Constitution & Bylaws		



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Senate Referral Chart
October 2021

	Date Received (M/Y)	From	Title	Description	Referred to (use committee full name)	SEC Date	Senate Date
19	09/2021	Senate Officers	Emergency Course Modality Determination Policies, Processes & Procedures	Clarify policies, decision-making processes and procedures, faculty and administration roles, while ensuring student rights and well-being during emergencies that impact course modalities for effective teaching, health and safety.	Academic Policy & Planning		
20	09/2021	Senator Brian Adams	Bylaw regarding Resolution Requirements	Requests that CBL review senate bylaws regarding the submission of resolutions and consider adding the following to the bylaws: In order for a resolution to be considered by the Senate, at least 10 Senators or a committee need to endorse it (resolutions would need to list endorsees at the end of the text)	Constitution & Bylaws		
	9/2021	Senator Brian Adams	Examine the Feasibility and Consequences of Reducing Syllabus Requirements	AP&P. I would suggest wording such as "Examine the feasibility of reducing syllabus requirements."	Academic Policy & Planning		

AY 2021/22

- COVID19 Health Issues and Repopulation
 - Examine/Address repopulation planning. Specifically student, faculty & staff well-being and academic achievement.
- AY21-22 and Future Budget
 - Examine why some core academic functions are still under-resourced.
 - Examine financial support for Student Success
- Hiring of Faculty or Staff Lines
 - Address issues in Tenure-Track/Tenure Faculty Planning process.
 - Examine the representation/membership on the Tenure Track Planning Committee (TTPC), so that all Colleges (+ Library) are represented on the committee.
 - Reformat of the Dean's faculty positions information form to TTPC, so that it provides more qualitative information on College needs.
 - Advocate for rebuilding staff after early exit program.
 - Examine growth of Administrative ranks.
- R1 vision
 - Examine disparities in teaching load between colleges to support (i.e., colleges on a 3-3 or higher coming to at least a 2-2)
 - Examine under-funding of Student Services
 - Examine under-funding (library, faculty, staff, updated and new laboratories)
- Faculty Workload
 - Establish policy that realigns faculty work hours with the 180 days per year that they work.
 - Address faculty market-based and equity salary. Specifically, address issues of equity and parity within the institution.
 - Improve tenure track density on the Imperial Valley campus.
- Senate
 - Improve online video meetings and make them more effective and efficient.
 - Improve shared governance and inclusive in its representation and focus.
 - Examine recent developments against university and Senate diversity efforts (specifically concerns over discrimination and reports of bullying based on race, gender, and speech).
 - Improve access to Senate online documentation (i.e. policy, resolution, provide senate orientation materials)

Tuesday, February 9, 2021

TO: SEC/Senate^[1]_{SEP}

FROM: Matt Anderson, Chair, Faculty Honors and Awards Committee

SUBJECT: Emeritus Status

The Faculty Honors and Awards committee recommends that the Senate approve emeritus status for the following professors and/or lecturers:

- **Laurie Edson**, Professor of English and Comparative Literature, June 28, 2021, 33 years
- **Margaret Field**, Professor of American Indian Studies, May 22, 2021, 22 years
- **Anca Segall**, Professor of Biology, August 20, 2021, 27 years
- **Richard Thomsson**, Associate Professor of Music and Dance, May 31, 2021, 20 years

Sincerely,

Matt Anderson^[1]_{SEP}

Chair, Faculty Honors and Awards Committee

To: Senate Executive Committee/Senate
 From: Graduate Council
 Date: September 2021
 Re: 2022-2023 *University Catalog*

ACTION (3A-09-21.500)

ANTHROPOLOGY

1. New course.

Anthropology

SEM ARCHLGIES BORDERLANDS (C-5)

ANTH 566. Seminar in Archaeologies of the Borderlands (3)

Prerequisite: Anthropology 103 or Graduate standing.

Archaeological and contemporary human cultures and the environment in the Southwestern borderlands. Issues of migration, subsistence, and water.

ART

1. New course.

Art

TANGIBLE INTERACTIVITY (C-7)

ART 521. Tangible Interactivity for Art and Design (3)

Six hours.

Prerequisite: Art 103.

Introduction to tangible interactivity through an exploration of micro-controller coding, embedding, and wiring into small-scale objects. Maximum Credits: 6 units.

BIOLOGY

1. New course.

Biology

CLASSICS OF BIOLOGY (C-2)

BIOL 500. Classics of Biology (2)

Prerequisites: Biology 351, Biology 352. Recommended: Biology 354.

General Text: Writing Requirement: Completion of the Graduation Writing Assessment Requirement or the eligibility to enroll in an upper division writing course is a prerequisite for all upper division biology courses numbered 450 and above.

Review and discussion of classic literature in the biological and environmental sciences that has shaped modern biological thought.

2. New course.

Biology

GENOME EDITING (C-1 two units) (C-16 two units)

BIOL 565. Genome Editing (4)

Two lectures and six hours of laboratory.

Prerequisites: Biology 352 and Biology 366.

General Text: Writing Requirement: Completion of the Graduation Writing Assessment Requirement or the eligibility to enroll in an upper division writing course is a prerequisite for all upper division biology courses numbered 450 and above.

Fundamental concepts in DNA manipulation and gene expression, including training in CRISPR gene editing technology.

COUNSELING AND SCHOOL PSYCHOLOGY

1. New course.

Counseling and School Psychology

BLACK EXPER COUN&SOC MVMNT(C-3)

CSP 585. The Black Experience: Counseling and Contemporary Social Movements (3)

Prerequisite: Upper division or graduate standing.

Major African-centered theories that guide evidence-based practices in mental health and how historical events and systems of structural inequalities impact global contemporary social movements.

ELECTRICAL ENGINEERING

1. New course.

Electrical Engineering

DER & SMART GRIDS (C-2)

E E 586. Distributed Energy Resources and Smart Grid Technologies (3)

Prerequisites: Credit or concurrent registration in Electrical Engineering 480; Graduate standing.

Modeling and control of distributed energy resources (DERs) such as energy storage, fuel cells, photovoltaics, wind turbines, and associated power electronics interfaces. Integration of renewable energy systems into microgrids and the smart grid.

JOURNALISM AND MEDIA STUDIES

1. New course.

Journalism and Media Studies

BORDER REPORTING (C-2 two units) (C-12 one unit)

JMS 555. Border Reporting (3)

Two lectures and two hours of activity.

Prerequisite(s): Journalism and Media Studies 220 with a grade of C (2.0) or better and admission to a major in the School of Journalism and Media Studies.

U.S.-Mexico border research and reporting techniques. Cultural, ethical, legal issues associated with border news coverage to include regulations from both Mexican and U.S. governments.

2. New course.

Journalism and Media Studies

PR CASE STUDIES (C-5)

JMS 588. Public Relations Case Studies (3)

Prerequisite(s): Upper division or graduate standing.

Problem-solving tactics in for-profit, governmental, and non-profit organizations. Research-based goals and strategies. Communication outcomes, planning, and strategies.

LEARNING DESIGN AND TECHNOLOGY

1. New course.

Learning Design and Technology

CONSCIOUSNESS HACKING (C-4)

LDT 520. Consciousness Hacking (3)

Prerequisite: Upper division standing or admission to a Journalism and Media Studies or Learning Design and Technology graduate program.

Personal investigation into conscious awareness, identity, and mind. Exploration of mindfulness, self-inquiry, and similar contemporary approaches to personal awakening. Opportunities for direct experience with meditation, yoga, and related methods for expanding awareness, quieting mind, and cultivating communication, creativity, and intelligence.

MECHANICAL ENGINEERING

1. New course.

Mechanical Engineering

INTRO TO NANOBIO TECHNOLOGY (C-2)

M E 582. Introduction to Nanobiotechnology (3)

Prerequisites: Aerospace Engineering 340, Mechanical Engineering 350.

Introduction to the application of nanotechnology in biology and medicine. How the ability to manipulate, observe, and synthesize materials at the nanoscale has advanced our understanding of the biological world and is driving the development of new medical technologies.

NUTRITION

1. New course.

Nutrition

NUTR EDUCATION & COUNSEL (C-8)

NUTR 511. Nutrition Education and Counseling (1)

Three hours of activity.

Prerequisites: A grade of C (2.0) or better in Nutrition 203, Nutrition 302, Nutrition 302L, Nutrition 304.

Nutrition education and counseling.

PUBLIC ADMINISTRATION

1. New course.

Public Administration

PROFESSIONAL SKILLS (C-3)

P A 570. Public Sector Professional Skills (3)

Prerequisite: Upper division or graduate standing.

Skills development in preparation for a career in the public sector. Listening, reading, and thinking critically; speaking and writing with clarity; delivering convincing and organized oral presentations; leading teams; developing team management skills; and engaging the public.

THEATRE

1. New course.

Theatre

WIG CONSTR & STYLING (C-12)

THEA 535. Wig Construction and Period Hair Styling (2)

Four hours of activity.

Prerequisites: Theatre 240 or Graduate standing.

Wig construction and period hairstyling for the entertainment industry. History of hairstyles and the social function of follicle aesthetics of various cultures from antiquity through the twenty-first century.

To: Senate Executive Committee/Senate
 From: Graduate Council
 Date: September 2021
 Re: 2022-2023 *University Catalog*

ACTION (3A-09-21)

ADMINISTRATION, REHABILITATION AND POST SECONDARY EDUCATION

1. New certificate. [**approved by Senate emergency email in September 2021**]

Administration, Rehabilitation and Post Secondary Education
Co-occurring Disorders Advanced Certificate
(SIMS Code: XXXXXX)

The Advanced Certificate in Co-occurring Disorders is designed to educate counseling students and practicing counselors to provide effective, evidence-based services to individuals with co-occurring substance use and mental health disorders. This certificate is designed for masters-level counseling students and practicing counselors in rehabilitation counseling, social work, marriage, and family counseling, and other counseling professions who seek to develop knowledge and skill in the area of integrated services (i.e., the provision of simultaneous substance use and mental health services in the same service setting).

The Certificate provides all of the requirements for the Licensed Advanced Alcohol and Drug Counselor (LAADC) credential provided by the California Consortium of Addiction Programs and Professionals (CCAPP).

Prerequisites: A bachelor's degree from an accredited institution with demonstrated experience in rehabilitation services (for current master's students) or a master's degree in rehabilitation counseling or a related counseling profession. Required courses include six didactic courses (18 units) and one internship course (3 units) as follows:

ARP 601	Psychiatric Rehabilitation and Co-occurring Disorders: Law and Ethics . . . 3
ARP 608	Assessment for Psychiatric Rehabilitation and Co-occurring Disorders . . . 3
ARP 612	Skills, Resources, and Programs in Cognitive Disabilities...3-12
ARP 660	Theory and Process of Counseling in Rehabilitation . . . 3
CSP 650	Trauma and Crisis Counseling . . . 3
CSP 687	Family and Systemic Treatment of Substance Abuse . . . 3
CSP 694	Psychopharmacology for MFT and Counseling . . . 3

Students may complete the certificate in conjunction with, or subsequent to, the MS in Rehabilitation Counseling, Concentration in Clinical Mental Health and Clinical Rehabilitation Counseling--LPCC. Students must complete a master's degree in order to

qualify for the LAADC credential. The Advanced Certificate in Co-occurring Disorders is offered fully online through admission to the SDSU Global Campus program.

Students must maintain a minimum grade point average of 3.0 in all certificate coursework with no less than a grade of C (2.0) in any course. Only three units of coursework with a grade of C (2.0) or better will count towards the certificate. A maximum of three units of coursework can be repeated. Courses in the certificate program may be applied to a master's degree if applicable. Contact the program advisor for more information.

AEROSPACE ENGINEERING

1. New course.

Aerospace Engineering

HYPERSONIC AERODYNAMICS (C-4)

A E 613. Hypersonic Aerodynamics (3)

Prerequisites: Aerospace Engineering 302 and Mechanical Engineering 350, or instructor consent.

Theory and computation of hypersonic aerodynamics, including atmospheric re-entry. Advanced topics in compressible flows of non-perfect gases with varying specific heat and composition.

2. New course.

Aerospace Engineering

INTRO STAT DYN AEROELSTCY (C-3)

A E 661. Introduction to Static and Dynamic Aeroelasticity (3)

Fluid-structure interaction and its static and dynamic effects on airplanes. Aileron reversal, doublet lattice method, dynamic aeroelastic instability (flutter), static aeroelastic instability (divergence), sweep effects, unsteady aerodynamics; computational dynamic aeroelasticity using NASTRAN.

Course Statement: Formerly numbered Aerospace Engineering 731.

3. New course.

Aerospace Engineering

FLIGHT CONTROL (C-4)

A E 678. State-Space Flight Control (3)

Prerequisites: Aerospace Engineering 440 with a grade of C (2.0) or better, or instructor consent for students with non-SDSU undergraduate degrees.

State space methods of analysis and design of continuous and discrete-time linear systems. Coordinate transformations, controllability, observability of continuous and discrete systems. Lyapunov stability analysis. Detectability, pole placement, stabilizability. Minimal order observers. Aircraft and spacecraft flight control system analysis and design.

AUDIOLOGY

1. New course.

Audiology

COUNSEL & COMM AUDIOLOGY (C-2)

AUD 812. Counseling and Communication in Audiology (2)

Principles of culturally competent clinical communication for audiology care. Empathy, the four-habits model, shared decision making, trust. Methods from nursing and medicine. Discussion with parents of children with hearing loss and adults with audiology related concerns. In-class role play, reflection.

BUSINESS ADMINISTRATION

1. New certificate. [**approved by Senate emergency email in September 2021**]

Business Administration

Financial Analysis Advanced Certificate

(SIMS Code: XXXXXX)

Prerequisites to the certificate include a bachelor's degree from an accredited institution. BA 674 Financial Management. The requirement to complete BA 674 may be waived by the director of graduate business programs based on evaluation of prior professional experience, course content, institution at which courses were taken, grades received, and time since courses were taken.

The certificate requires 12 units to include:

1. Finance 617 Financial Management II (3 units)
2. Finance 653 Case Studies in Financial Management (3 units)
3. Finance 654 Seminar in International Business Finance (3 units)
4. Accounting 663 Financial Statement Analysis (3 units)

Students must complete the 12 units of certificate coursework with a minimum grade point average of 3.0 with no grade lower than a C (2.0). Courses in the certificate program may be applied to the Masters in Business Administration, Finance, and Financial and Tax Planning with the approval of the graduate adviser. Students may enroll in the certificate program and a Master's degree program in the Fowler College of Business concurrently.

FINANCE

1. New certificate.

Finance

Investment Advanced Certificate

(SIMS Code: XXXXXX)

Prerequisites to the certificate include a bachelor's degree from an accredited institution. BA 674 Financial Management. The requirement to complete BA 674 may be waived by the director of graduate business programs based on evaluation of prior

professional experience, course content, institution at which courses were taken, grades received, and time since courses were taken.

The certificate requires 12 units to include:

1. FIN 642 Financial Risk Management...3
2. FIN 651 Seminar in Investments ...3
3. FIN 652 Seminar in Security Analysis and Portfolio Management ...3
4. FIN 659 Decision Making in the World Economy ...3

Students must complete the 12 units of certificate coursework with a minimum grade point average of 3.0 with no grade lower than a C (2.0). Courses in the certificate program may be applied to the Masters in Business Administration, Finance, and Financial and Tax Planning with the approval of the graduate adviser. Students may enroll in the certificate program and a Master's degree program in the Fowler College of Business concurrently.

2. New program.

Finance

Master of Science Degree in Finance

(Major Code: XXXXX) (SIMS Code: XXXXXX)

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree as described in Requirements for Master's Degrees, the student must complete a graduate program of at least 30 approved units including at least 21 units in 600- and 700- numbered courses. Up to nine units of coursework may be accepted as transfer credit. With approval of the graduate adviser, a substitute course may be allowed in place of a required course after reviewing student credentials.

Required Courses (18 Units):

FIN 617	Financial Management II ...3
FIN 651	Seminar in Investments ...3
FIN 652	Seminar in Security Analysis and Portfolio ...3
FIN 653	Case Studies in Financial Management ...3
FIN 659	Decision Making in the World Economy ...3
B A 674	Financial Management ...3

Electives (9 Units): Electives may be selected from the following:

FIN 641	Financing the Emerging Enterprise ...3
FIN 642	Financial Risk Management ...3
FIN 654	Seminar in International Business Finance ...3
FIN 783	Seminar in Real Estate Investment ...3
ACCTG 663	Financial Statement Analysis ...3
B A 749	Business Analytics ...3
BDA 594	Big Data Science and Analytics Platforms ...3
MIS 620	Electronic Business and Big Data Infrastructures...3
MIS 748	Seminar in Applied Multivariate Analytics ...3

In special circumstances, other electives may be selected with prior approval of the graduate adviser.

Required: Culminating experience (3 units)

Under Plan A, Business Administration 799A, Thesis, is required. Under Plan B, a comprehensive examination and three units of electives selected from above list of elective courses.

For regulations concerning grade point averages, final approval for the granting of the degree, award of the degree, and diplomas, refer to the basic requirements for the master's degree as described in Part Four of this bulletin.

MATHEMATICS

1. New Advanced Certificate. **[approved by Senate emergency email in September 2021]**

Mathematics and Statistics
Professional Data Science Advanced Certificate
(SIMS Code: XXXXXX)

The advanced certificate in Data Science will provide students with hands-on training for data analytics. Students will study fundamental principles for statistical inference, classification and prediction, machine learning, and other advanced topics in data science. Students will also be required to analyze data with computer software and to interpret data analysis results for real world problem-solving and decision-making. The Professional Data Science Advanced Certificate is offered fully online through admission to the SDSU Global Campus program.

Admission requirements.

The minimum admission requirement is a bachelor's degree in a quantitative field with a GPA of at least 2.5. In addition, the student should have completed before entering the program the following undergraduate coursework: two semesters of calculus with a grade of C (2.0) or better in each course, and working knowledge of a programming language.

The student must complete 12 units of coursework as described below (with no grade less than B in each course).

STAT 556 Mathematical Statistics for Data Science...3
STAT 656 Database Management and Predictions...3
STAT 657 Statistical and Machine Learning Methods...3
STAT 658 Advanced Data Analytics...3

Students must complete the 12 units of certificate coursework with a minimum grade point average of 3.0 with no grade lower than a C (2.0).

MATHEMATICS EDUCATION

1. New course.

Mathematics Education
EQUITY IN STEM EDUCATION (C-3)
MTHED 608. Equity in STEM Education (3)

Prerequisite: Graduate standing.

Inclusion, social justice, and systemic inequities in STEM education. Application of theory to classroom practice and policy.

MECHANICAL ENGINEERING

1. New course.

Mechanical Engineering
TISSUE ENGINEERING (C-2)
 M E 688. Tissue Engineering (3)

Introduction to the interdisciplinary field of tissue engineering. Application of knowledge of systems engineering, mechanics and materials towards controlling, enhancing, and understanding the performance of biological tissues.

POLITICAL SCIENCE

1. New certificate. [**approved by Senate emergency email in September 2021**]

Political Science

Advanced Certificate in Comparative and Global Politics

(SIMS Code: XXXXXX)

The Advanced Certificate in Comparative and Global Politics provides students with both a theoretical and practical foundation in politics within and across regions. Students take core courses introducing them to major theoretical traditions in comparative and global politics and to research methods appropriate to their interests. Students also take electives that provide an in-depth look at world regions or issue areas, including international law, foreign policy, and migration. This advanced certificate is intended for students who wish to pursue careers related to comparative and/or global politics, both in the public and private sectors.

Admissions requirements: Open to all matriculated students with a bachelor's degree from an accredited institution or its equivalent from a foreign institution.

The advanced certificate requires 15 units with half of the coursework at the 600-level or above. A minimum grade point average of 3.0 or better must be maintained in certificate coursework, with no less than a grade of C (2.0) or better in any course.

Required courses (6 units):

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

POL S 675 Seminar in International Relations . . . 3

One required course in methods of inquiry from the following options (3 units):

POL S 616 Tools for Quantitative Analysis . . . 3

POL S 617 Seminar in Applied Qualitative Methods . . . 3

POL S 507 Marx and Marxism . . . 3

POLS 510 Contemporary Political Thought . . . 3

Two elective courses from the following list (6 units):

POL S 658 Seminar in Post-Communist Political Systems . . . 3

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

POL S 667 Seminar in Latin American Political Systems . . . 3

POL S 630	Seminar in Politics . . . 3 (with approval of certificate administrator)
POL S 530	Political Parties . . . 3
POL S 555	Comparative Political Systems . . . 3
POL S 560	Comparative Citizenship in Policy and Practice . . . 3
POL S 562	Religion and Politics in Comparative Perspective . . . 3
POL S 564	Political Ecology of Latin America . . . 3
POL S 565	Nations and Nationalism . . . 3
POL S 568	Mexican Politics . . . 3
POL S 575	International Relations of the Pacific Rim . . . 3
POL S 577	Politics of International Law . . . 3

Students may take other electives with approval of the certificate administrator. Courses in the certificate program may be applied to a master's degree (if applicable) with approval of the adviser.

TEACHER EDUCATION

1. New course.

Teacher Education

VISUAL-BASED LITERACY STR (C-4)

TE 642. Visual-Based Literacy Strategies (3)

Prerequisites: Teacher Education 930 with a grade B (3.0) and Dual Language and English Learner Education 931 with a grade B (3.0).

Visual texts to support equitable instructional practices for diverse learners. Theoretical grounding in multiliteracies. Classroom visual-based strategies to scaffold and demonstrate understanding.

To: Senate Executive Committee/Senate
 From: Graduate Council
 Date: September 2021
 Re: Graduate student good standing criteria **ACTION**

HISTORY:

Many policies require students to be in good standing. For example, all scholarships administered through the Office of Financial Aid and Scholarships have a “good standing” clause, which is currently implemented only in terms of cumulative GPA.

SDSU does not have a “good standing” definition or policies for either graduate students or undergraduates. Graduate Council has reviewed definitions and policies for good standing at other institutions, at both the university and individual program levels. This review identified four essential elements of good standing for graduate students. At SDSU, each is tracked by a different unit, and some are not centrally monitored or reported.

- For both graduate and undergraduate students, “good academic standing” is based on cumulative GPA thresholds that are constrained by Title V and CSU policy. At SDSU, these policies are described in the Catalog. Under existing policy, academic probation and disqualification are implemented by the Registrar’s office. For graduate students, appeals to the Registrar are co-reviewed by the College of Graduate Studies.
- For student conduct and discipline issues, good standing is defined by CSU Executive Order 1098. At SDSU, the Center for Student Rights and Responsibilities addresses matters of student discipline and “good judicial standing”.
- “Good progress” towards degree completion is defined by each graduate program. Under existing policy, graduate advisors may request administrative probation or disqualification for students who fail to make good progress. These requests are reviewed and implemented by the College of Graduate Studies.
- Under existing policy, students “maintain matriculation” in a degree program if they enroll in classes or file Leave of Absence, each Fall and Spring semester.

Uniting each of these policies under a comprehensive “good standing” definition is not simple in the current student information system, but could be facilitated in the new PeopleSoft student information system.

On May 6, the Graduate Council unanimously recommended that the following proposal go forward to the Senate Executive Committee/Senate:

Graduate students are considered to be in Good Standing with the College of Graduate Studies if they

1. maintain good academic standing with the university (based on cumulative GPA),
2. are in good judicial standing (as defined by the Center for Student Rights and Responsibilities),
3. make continued good progress toward the degree each semester (as defined by the graduate program),
4. maintain matriculation (enroll in classes or file Leave of Absence, each Fall and Spring semester).

Appeals may be submitted in writing to the Graduate Dean to reinstate Good Standing with the College of Graduate Studies. The consequences for loss of Good Standing may also be appealed in writing to the Graduate Dean.

TO: SEC/Senate
FROM: David Marx, Chair, Committee on Committees and Elections
DATE: October 5, 2021
RE: Action Item

Action Item 1: The Committee on Committees and Elections moves to appoint / reappoint the following individuals as chairs of committees and representatives on the following committees. All terms are for 3 years unless otherwise noted.

Committee Chairs:

- 1) Instructional and Information Technology (Donna Ross)
- 2) Constitution and Bylaws (Arlette Baljon)

Committee Assignments:

- 1) **Constitution and Bylaws**
Farid Abdel-Nour (CAL) new term May 2024
- 2) **Diversity, Equity, and Inclusion**
David Nanigian (FCB) new term May 2024
Lawson Hardrick (IVC Graduate Student Rep) new term May 2022
- 3) **Information and Technology**
Frances Nedjat-Haiem (HHS) new term May 2024
- 4) **Intercollegiate Athletic Council**
Sara Gombatto (ENS) new term May 2024
- 5) **Liberal Studies**
Elizabeth Cordero (IVC) new term May 2024
- 6) **Library Committee**
Carlos Herrera (IVC) new term May 2024
Mitch Rauh (HHS) new term May 2024
- 7) **SDSU Press Editorial Board**
Ricardo Vasconcelos (CAL) new term May 2024
- 8) **Staff Affairs**
Mat Schulze (CAL) new term May 2024

9) **Student Learning Outcomes**

Kevin Hovel (SCI) new term May 2024

10) **Undergraduate Council**

Linda Abarbanell (IVC) new term May 2024

Bryan Donyanavard (SCI) new term May 2022 (completing Allen Gontz's term)

11) **Undergraduate Curriculum**

Carmelo Interlando (SCI) new term May 2022 (completing Cathie Atkins term)

Magdalena Altamirano (IVC) term renewed May 2024

Brian Hu (PSFA) new term May 2024

Emily Schmied (HHS) new term May 2024

12) **University Resources and Planning**

Eunha Hoh (HHS) new term May 2024

Action Item 2 (informational): Below are the names of senators who are still in need of committee assignments and committees that still need a chair.

Senators not on a committee:

1) **CAL**

Joseph Gibbons

2) **Lecturers**

Ajani Brown (CAL)

Committees still in need of a Chair:

1. Campus Development

2. Library Committee

TO: Senate Executive Committee / Senate

FROM: Heather Canary & Gregory Wilson
Co-Chairs, General Education Curriculum and Assessment Committee

DATE: September 21, 2021

RE: GENERAL EDUCATION PROGRAM

Action

IV. EXPLORATIONS OF HUMAN EXPERIENCE

B. Social and Behavioral Sciences

New course

*HHS 352. International and Glocal Health and Human Services in San Diego County (3) [GE]

Two lectures and two hours of activity.

Prerequisite: Upper division standing.

Activities, field trips, guest lectures, panels from local professionals working with international populations within San Diego County. Cultural awareness, global health issues as they manifest on the border and in the county, health disparities, social determinants of health.

New course

REL S 368. Religion and Social Justice (3) [GE]

Religion's influential role in twentieth and twenty-first century social justice movements. Concepts, debates, terms surrounding the relationships between social justice and religious practice.

*Cultural diversity course

TO: Senate Executive Committee / Senate

FROM: Steven L. Barbone, Chair
Undergraduate Curriculum Committee

DATE: September 2021

RE: 2022-2023 *University Catalog*

ACTION (5A-09-21)

AEROSPACE STUDIES

1. New course.

Aerospace Studies

HERITAGE & VALUES OF USAF (C-77)

A S 101A. Heritage and Values of the United States Air Force (1)

Overview of the United States Air Force to include basic characteristics, missions, and organization. Open to non-minors who wish to explore the Air Force.

2. New course.

Aerospace Studies

HERITAGE & VALUES OF USAF (C-77)

A S 101B. Heritage and Values of the United States Air Force (1)

Overview of the United States Air Force to include basic characteristics, missions, and organization. Open to non-minors who wish to explore the Air Force.

3. New course.

Aerospace Studies

TEAM/LDRSHP FUND (C-77)

A S 201A. Team and Leadership Fundamentals (1)

Prerequisite for AFROTC cadets: Completion of Aerospace Studies 100A and 100B, or concurrent registration in Aerospace Studies 101A and 101B.

Overview of the United States Air Force to include basic characteristics, missions, and organization. Open to non-minors who wish to explore the Air Force.

4. New course.

Aerospace Studies

TEAM/LDRSHP FUND (C-77)

A S 201B. Team and Leadership Fundamentals (1)

Prerequisite for AFROTC cadets: Completion of Aerospace Studies 100A and 100B, or concurrent registration in Aerospace Studies 101A and 101B.

Overview of the United States Air Force to include basic characteristics, missions, and organization. Open to non-minors who wish to explore the Air Force.

AMERICAN INDIAN STUDIES

1. New course.

American Indian Studies

EY AM IND MENTORING SEM (C-5)

AMIND 215. EY American Indian Mentoring Seminar (1) (Cr/NC)

Mentoring seminar for American Indian students or those interested in Native issues. Integration of Native knowledge with academic sources. College prep skills and student services. Guest lectures from local and national tribal leaders. Maximum Credits: 5 units.

Course Statement: Formerly numbered American Indian Studies 296.

2. New course.

American Indian Studies

AMERICAN INDIAN ENV MGT (C-2)

AMIND 350. American Indian Environmental Management (3) [GE]

Prerequisite(s): American Indian Studies 110.

Indigenous astronomical, botanical, and ecological knowledge with emphasis on California Indians. Integration of traditional knowledge and western sciences in contemporary tribal governmental efforts at environmental management.

3. New course.

American Indian Studies

RE-INDIGENIZING CRM (C-2)

AMIND 380. Re-Indigenizing Cultural Heritage/Cultural Resources Management (3)

Prerequisites: Completion of the General Education requirement in Foundations of Learning II.B., Social and Behavioral Sciences. American Indian Studies 110.

Historical, geographical, political, social, and regulatory context of cultural/environmental resource management and its impact on Native peoples. Economic and political pressures of development, government to government consultation, activism. Creative and effective approaches to tribal cultural heritage preservation.

ANTHROPOLOGY

1. New course.

Anthropology

ANIMALS/CULTURE/ENVT (C-1)

ANTH 365. Animals, Culture, and the Environment (3) (GE)

Prerequisite: Completion of the General Education requirement in Foundations of Learning II.B. Social Sciences. If a social sciences course is not taken to satisfy Foundations of Learning II.B. Social Sciences, a college course in biological sciences is required.

Exploration of human-animal relationships in archaeology and modern society, from early hunting to the evolution of domestication. Biological, cultural, and environmental changes associated with human-animal relationships.

ART

1. New course.

Art

VISUAL ODYSSEY IN SEQ MED (C-1)

ART 215. Visual Odyssey through Comics and Sequential Media (3) (GE)

Techniques and methodologies for applying visual tools such as drawing, photography, and video to the telling of culturally relevant stories.

ASIAN STUDIES

1. New course.

Asian Studies

PHILIPPINE STUDIES (C-2)

ASIAN 103. Introduction to Filipino/Philippine Studies (3) (GE)

Introduction to Filipino American Studies to include culture, economics, history, governments, laws, and the artistic, intellectual, philosophical, political, and religious foundations for these structures.

BRAZILIAN STUDIES

1. New course.

Brazilian Studies

LATINAMERICANDOCUMENTARY (C-2)

BRAZ 233. Latin American Documentary Practices (3) (GE)

Introduction to Latin American documentary film and photography. Aesthetics, film movements, and manifestos; memory and storytelling to contemporary times. Close reading and analysis of visual culture.

2. New course.

Brazilian Studies

AMAZON CENTER OF WORLD (C-2)

BRAZ 333. The Amazon is the Center of the World (3) (GE)

Prerequisite: Upper division standing.

Amazonia as a transnational region. Cosmovisions and narratives from the Amazon. Film, literature, and visual art. Indigenous rights and environmental activism, sustainable development. Amazonia in the Latin American imaginary.

3. New course.

Brazilian Studies

CREATIVE INTERVENTIONS IN SOUTH AMERICAN STREETS (C-2)

BRAZ 433. Creative Interventions in South American Streets: Activism, Art, and the City (3) (GE)

Prerequisite: Upper division standing.

Dynamics, history, and movements of public art and street art. Flash mobs, graffiti, memorials, muralism, pixação, and other art in public space. Political and social implications of art including commodification, gentrification, and policy. Includes stencil workshop and creative final project. No artistic experience required.

4. New course.

Brazilian Studies

SPORT IN BRAZILIAN SOCIETY (C-2)

BRAZ 455. Sport in Brazilian Society (3) (GE)

Prerequisite: Upper division standing.

Brazilian jiu-jitsu, capoeira, soccer, and surfing. Intersections of gender, politics, race, and sport to include film, literature, and scholarship from social sciences.

5. New program.

Brazilian Studies

Brazilian Studies Major

B.A. Degree in Liberal Arts and Sciences

Major Code: XXXXX

SIMS Code: 00804

Preparation for the Major. (12 units)

BRAZ 222 Art, Sport, and Culture in Contemporary Brazil . . . 3

Three units of statistics or logic selected from:

ECON 201 Statistical Methods . . . 3

PHIL 120 Introduction to Logic . . . 3

POL S 201 Elementary Statistics for Political Science. . . 3

PSY 280 Statistical Methods in Psychology. . . 4

SOC 201 Elementary Social Statistics. . . 3

STAT 119 Elementary Statistics for Business. . . 3

STAT 250 Statistical Principles and Practices . . . 3

Six units of electives selected from:

ANTH 102 Introduction to Socio-Cultural Anthropology . . . 3

BRAZ 233	Latin American Documentary Practices . . . 3
ECON 101	Principles of Economics . . . 3
GEOG 102	People, Places, and Environments . . . 3
GEOG 106	World Regional Geography . . . 3
GEOG 170	Sustainable Places and Practices . . . 3
LATAM 101	Introduction to Latin American Studies . . . 3
POL S 104	Global Politics . . . 3
PORT 250	Women's Literature in the Portuguese-speaking World . . . 3
SOC 101	Introductory Sociology: The Study of Society . . . 3
TFM 160	Cinema as Art . . . 3
WMNST 103	Women and Global Justice . . . 3

Language Requirement. Competency equivalent to that normally attained through four college semesters of Portuguese. Refer to section of catalog on “Graduation Requirements.”

Graduation Writing Assessment Requirement. Passing the Writing Placement Assessment with a score of 10 or completion of the approved upper division writing courses (W) with a grade of C (2.0) or better. See “Graduation Requirements” section for a complete listing of requirements.

International Experience. All students are required to complete three credits of international experience related to the study of Brazil or Brazilian culture in the diaspora. “International experience” is broadly defined, and includes year-long, semester, or summer study abroad, faculty led programs, an international internship, international volunteer program, approved collaborative online international learning (COIL) courses offered by the Center for Brazilian Studies or other international activity approved by the undergraduate adviser. Student learning objectives for the international experience reflect those under development by the Division of International Affairs, including engagement with critical global issues, the cultivation of interpersonal and interpersonal skills across different cultural milieu, exposure to and appreciation of other languages, and the ability to connect global experiences to future careers.

Major. A minimum of 30 upper division units to include

(a) three units of international experience (see above);

(b) a three-unit capstone requirement, fulfilled by BRAZ 444 Brazilian Studies Capstone Seminar . . . 3

(c) 24 upper-division of Major Electives with three units of upper-division Brazilian Studies courses and three units in each of the following three areas of specialization. No course may be used to satisfy more than one area. Courses numbered 495, 496, 498, 499 and 596 from all participating departments, and other upper-division courses with appropriate content on Brazil, are acceptable for elective credit with approval of the advisor.

Brazilian Studies

BRAZ 333	The Amazon is the Center of the World . . . 3
BRAZ 433	Creative Interventions in South American Streets: Activism, Art, and the City . . . 3
BRAZ 455	Sport in Brazilian Society . . . 3
BRAZ 496	Experimental Topics . . . 1-4

Language and Arts

- BRAZ 333 Creative Interventions in South American Streets:
Activism, Art, and the City . . . 3
- BRAZ 433 The Amazon is the Center of the World . . . 3
- LATAM 306 Portuguese and Brazilian Cinema and Culture . . . 3
- LATAM 420 Latin America Through Film . . . 3
- PORT 306 Portuguese and Brazilian Cinema and Culture . . . 3
- PORT 307 Brazilian Music and Culture . . . 3
- PORT 443 Contemporary Luso-Brazilian Civilization . . . 3
- PORT 496 Selected Studies in Portuguese . . . 3
- PORT 535 Brazilian Literature . . . 3
- PORT 540 Luso-Brazilian Literature . . . 3

Sustainability and Cultures

- AFRAS 300 Afro-Brazilian Community, Culture, and Identity . . . 3
- AFRAS 351 Black Religions and Spirituality . . . 3
- AFRAS 472 African Enslavement . . . 3
- ANTH 422 Music and Culture . . . 3
- ANTH 442 Cultures of South America . . . 3
- ANTH 443 Anthropology of Violence
- BRAZ 333 The Amazon is the Center of the World . . . 3
- BRAZ 433 Creative Interventions in South American Streets:
Activism, Art, and the City . . . 3
- BRAZ 455 Sport in Brazilian Society . . . 3
- GEOG 324 Latin America . . . 3
- JMS 454 Media and Brazil . . . 3
- LATAM 425 Illness, Health, and Healing in Latin America . . . 3
- LATAM 545 The Latin American City . . . 3
- MUSIC 345 World Music in Contemporary Life . . . 3
- MUSIC 561 Area Studies: Ethnomusicology . . . 3
- PHIL 360 Contemporary Brazilian Philosophers . . . 3
- REL S 351 Black Religions and Spirituality (B) . . . 3
- REL S 406 God, Gold, and Glory: Religion and Colonial Encounter in
the Americas (D) . . . 3
- SOC 350 Population and Contemporary Issues . . . 3
- SOC 411 Police and Society in the Americas . . . 3

History, Politics, and Economics

- AFRAS 320 Political Economy of African Diaspora . . . 3
- ECON 464 Economic Problems of Latin America . . . 3
- HIST 415 Pre-Contact and Colonial Latin America . . . 3
- HIST 416 Modern Latin America . . . 3
- HIST 553 History of Slavery in the Americas . . . 3
- HIST 556 History of Brazil . . . 3
- HIST 557 Dictatorships and Human Rights in Latin America . . . 3
- HIST 558 Latin America in World Affairs . . . 3
- I B 410 Doing Business in Latin America . . . 3

LATAM 350	Globalization and the Americas . . . 3
LATAM 325	Political Economy of Brazil . . . 3
LATAM 366	Latin American Politics . . . 3
LATAM 415	Pre-Contact and Colonial Latin America . . . 3
LATAM 553	History of Slavery in the Americas . . . 3
LATAM 556	History of Brazil . . . 3
POL S 366	Latin American Politics . . . 3
POL S 564	Political Ecology of Latin America . . . 3
POL S 566	Political Change in Latin America . . . 3

CHEMISTRY

1. New course.

Chemistry

SUSTAINABLE BIOCHEM (C-4)

CHEM 162. Saving Our Planet with Sustainable Biochemistry (3) (GE)

Prerequisite: Recommended: High school or university STEM-related course in areas such as Biology, Chemistry, or Physics.

Highly sustainable biochemical processes such as apiary science (beekeeping), edible insects, smart textiles. Food production systems such as, aquaponics, hydroponics, and humane poultry egg production from food waste. Upon global implementation, these processes may help save our planet.

CHICANA AND CHICANO STUDIES

1. New course.

Chicana and Chicano Studies

BORDERLANDS LANGUAGE (C-4)

CCS 220. Language in the Borderlands (3) (GE)

Chicana/o/x linguistic experience and cultural language-use. Cultural context, historical trends, Chicana/o/x English, Chicana/o/x Spanish, Indigenous languages, language contact, variation, racialization of language, issues of identity, linguistic resilience.

2. New course.

Chicana and Chicano Studies

CULTURE OF FUTBOL/SOCCER (C-4)

CCS 360 Culture of Fútbol: Chicana/os, Latina/os, and Soccer (3) (GE)

Cultural dynamics of fútbol (soccer), in the U.S./Mexico transborder context. Impact of class, ethnicity, gender, history, nationality, politics, and race on the culture of the sport, from youth and recreational participation to professional leagues and fandom.

COMPUTER ENGINEERING

1. New course.

Computer Engineering

SENIOR DESIGN PROJECT-A (C-4 one unit) (C-16 one unit)

COMPE 491. Senior Design Project-A (2)

One lecture and three hours of laboratory.

Prerequisites: Computer Engineering 361, Computer Engineering 375, Electrical Engineering 330L. Credit or concurrent registration in Computer Engineering 470.

Senior design project preparation to include building a team, finding an advisor, identifying a project, giving a professional presentation, preparing descriptive information and design documentation, securing funding. Design using CAD PCB tools. Ethics and professionalism in a work environment.

2. New course.

Computer Engineering

SENIOR DESIGN PROJECT-B (C-36)

COMPE 492. Senior Design Project-B (2)

Prerequisite: Computer Engineering 491.

Supervised team-based capstone design project to provide integrative design experience for seniors to demonstrate a working project.

COUNSELING AND SCHOOL PSYCHOLOGY

1. New course.

Counseling and School Psychology

CAREER DEV & LIFE DESIGN (C-4)

CSP 240. Career Development and Life Design (3) (GE)

Career decision-making and life planning to adapt to the changing world of work. Impact of social class identity on career development and life design. Goal to facilitate personal fulfillment, satisfying interpersonal relationships, and well-being.

ELECTRICAL ENGINEERING

1. New course.

Electrical Engineering

SENIOR DESIGN A (C-4 one unit) (C-16 one unit)

E E 491. Senior Design A (2)

One lecture and three hours of laboratory.

Prerequisites: Electrical Engineering 330L, Electrical Engineering 420, Electrical Engineering 430, Computer Engineering 375.

Senior design project preparation to include building a team, finding an advisor, identifying a project, giving a professional presentation, preparing descriptive information and design documentation, securing funding. Design using CAD PCB tools. Ethics and professionalism in a work environment.

2. New course.

Electrical Engineering

SENIOR DESIGN B (C-36)

E E 492. Senior Design B (2)

Prerequisites: Electrical Engineering 491.

Supervised team-based capstone design project to provide integrative design experience for seniors to demonstrate a working project.

ENGLISH

1. New course.

English

INTRO HORROR AESTHETICS (C-4)

ENGL 158. Introduction to Horror Aesthetics (3) (GE)

Criticism, history, and theory of horror aesthetics in horror comic books, film, literature, podcasts, radio, theatre, video games, and more.

2. New course.

English

LITERATURE SELF SOCIETY (C-4) (GE)

ENGL 245. Literature, the Self, and Society (3)

Literary depictions of the self in society and the personal relevance of these depictions. Individual identity and psychology. Impacts of class, embodiment, gender, race, sexuality on selfhood, socialization.

FINANCE

1. New course.

Finance

PRIN RISK MGMT AND INS (C-4)

FIN 334. Principles of Risk Management and Insurance (3)

Prerequisite: Approved upper division business major or minor or other approved major. Proof of completion of prerequisite required: Copy of transcript.

Fundamental risk management and insurance principles. Insurance company legal principles, loss prevention, operations, risk identification and analysis, safety.

HISTORY

1. New course.

History

AMAZONS AND WONDER WOMAN (C-2)

HIST 405. Amazons and Wonder Woman (3) (GE)

Prerequisite: Upper division standing.

Legends of ancient Amazon warrior women and the reception of the Amazons in the Spanish myths of California, the Wonder Woman comics, television series, and films.

HOSPITALITY, RECREATION & TOURISM MANAGEMENT

1. New course.

Hospitality, Recreation, and Tourism Management

ECON & SUPPLY EVENTS (C-2)

HTM 327. Economics and Supply Chain Management in the Events Ecosystem (3)

Theory and practice of supply chain management and economics in the event ecosystem to include event horizons, experience design and production, KPIs for event evaluation, perishable inventory, perspectives of value, project management, and supplier contracts.

2. New course.

Hospitality, Recreation, and Tourism Management

IDENTITY & ORGS TOURISM (C-2)

HTM 351. Identities and Organizations in Hospitality, Recreation, and Tourism Management (3)

Prerequisite: Upper division standing in HTM or RTM.

A fundamental analysis of self-identification and social identities followed by an application of establishing collective identities in hospitality, recreation, and tourism organizations.

HUMANITIES

1. New course.

INTRO PUBLIC HUMANITIES (C-2)

HUM 103. Introduction to Public Humanities (3) [GE]

How humanities engage diverse and divergent publics. What makes a public, what makes scholarship public humanities, and what can be done in the university to ensure more access, education, and justice outside of it.

ITALIAN

1. New course.

ITALIAN FOOD CULTURE (C-2)

ITAL 120. Italian Food Culture (3) [GE]

Interdisciplinary approaches to the study of food and foodways in Italian and Italian American culture for lifelong learning and self-development.

JOURNALISM AND MEDIA STUDIES

1. New course.

INTRO INTERSECT REP MEDIA (C-1)

JMS 250. Introduction to Intersectional Representation in the Media (3) (GE)

Intersectional social constructs of class, disability, ethnicity, gender, race, and sexuality with media institutions and texts to include examples from advertising, film, news, print and online media, and television.

LATAN AMERICAN STUDIES

1. New course.

Latin American Studies

Intermediate Nahuatl I (C-4)

LATAM 230. Intermediate Nahuatl I (4) (GE)

Prerequisite: Latin American Studies 131 with a grade of C (2.0) or better.

Further development of speaking and writing skills, extended to discourse level with emphasis on the language of everyday life. Integrated approach to learning Nahuatl to include awareness of Nahua cultures.

MANAGEMENT

1. New course.

Management

GLOBAL BUSINESS & DIPL (C-2)

MGT 403. Global Business & Diplomacy (3)

Prerequisite: Approved business major, business minor, or instructor consent.

The impact of international affairs and public policy on business strategy and operations. Political and economic diplomacy.

2. New course.

Management

HR ANALYTICS (C-2)

MGT 468. Human Resource Analytics (3)

Prerequisite: Management 352.

Human Resource (HR) metrics and analytics. Introduction to the principles of applied research for evidence-based decision-making in organizations including data collection, research design, and statistical testing using actual data sets and analytics.

MECHANICAL ENGINEERING

1. New course.

Mechanical Engineering

MECHATRONICS (C-4 two units) (C-16 one unit)

M E 230. Basics of Mechatronics (3)

Two lectures and three hours of laboratory.

Prerequisites: Mathematics 151, Physics 196, Physics 196L.

Introductory mechatronics. Basic DC and AC circuits, breadboarding, capacitors, inductors, circuit components, integrated circuit amplifiers, filters, with applications to mechanical engineering. Ohm's Law. Laboratory topics include measurement techniques using function generator, multimeter, oscilloscope, and computer simulation using circuit analysis software.

NUTRITION

1. New course.

Nutrition

OVERVIEW & OPPORTUNITIES (C-4)

NUTR 200. Overview and Opportunities (1)

Curriculum, research, and practice areas in foods and nutrition.

PUBLIC ADMINISTRATION

1. New course.

Public Administration

FOUNDATIONS URBAN LEAD (C-2)

P A 321. Foundations of Urban Leadership (3)

Key underpinnings and critical concepts associated with urban leadership.

2. New course.

Public Administration

PERSONAL DIMENSIONS LEAD (C-2)

P A 322. Personal Dimensions of Urban Leadership (3)

Prerequisite: Public Administration 321.

Characteristics and traits of effective leaders. Research and application to personal and professional contexts.

3. New course.

Public Administration

COMMUNITY DIMENSIONS LEAD (C-2)

P A 323. Community Dimensions of Urban Leadership (3)

Prerequisite: Public Administration 322.

Alternative leadership styles to deliver change and positive reform in urban communities.

4. New course.

Public Administration

LEADERSHIP PUBLIC SECTOR (C-2)

P A 324. Leadership and the Public Sector (3)

Prerequisite: Public Administration 323.

Leadership concepts, theories, and practices with a focus on the public sector. Topics include building trust, ethics, human relations, law, organizational dynamics, and politics.

5. New course.

Public Administration

NONPROFIT ORGS AND GOVT (C-2)

P A 325. Nonprofit Organizations and Government (3)

Prerequisite: Public Administration 324.

Comprehensive review of nonprofit organizations. Topics include activism, effects of nonprofit influence, and policy advocacy; partnerships with government in contracting, policymaking, and public service provision.

6. New certificate.

Public Administration

Certificate in Urban Leadership

(SIMS Code: XXXXXX)

Urban communities are faced with unique economic, social, and political challenges that can be partially addressed by developing confident leaders who have a passionate commitment to transforming their communities into vibrant places to live and work. The certificate in urban leadership program is designed to help participants enhance their communication and political skills in order to take effective and sustainable action to re-shape urban San Diego.

The program focuses on the personal and professional development of each student through intensive interaction and discussion and the implementation of a self-

selected community project. This project generally represents a continuing passionate commitment on the part of the student to make a positive and substantial difference in his/her community.

In offering this program, the School of Public Affairs will partner with RISE San Diego – a non-profit organization committed to training and empowering leaders in urban communities to engineer positive economic, social, and political change.

The certificate in urban leadership consists of a minimum of 15 units to include:

P A 321	Foundations of Urban Leadership . . .	3
P A 322	Personal Dimensions of Urban Leadership . . .	3
P A 323	Community Dimensions of Urban Leadership . . .	3
P A 324	Leadership and the Public Sector . . .	3
P A 325	Nonprofit Organizations and Government . . .	3

Students must obtain a grade of C (2.0) or better in each of the certificate courses.

PUBLIC HEALTH

1. New course.

Public Health

HEALTH EQUITY EXP DISPAR (C-1)

P H 333. Health Equity: Exploring Root Causes of Disparities (3)

Prerequisite: Public Health 101 with a grade of B (3.0) or better.

Causative factors that contribute to health disparities and inequities. Advocacy and policy. Health, race/ethnicity, and social justice. Social determinants of health.

RECREATION AND TOURISM MANAGEMENT

1. New course.

Recreation and Tourism Management

WELLNESS REC & SURFING (C-2)

RTM 102. Wellness and Recreation for Life Through Surfing (3) (GE)

Links between recreation, society, and wellness through surfing culture and lifestyle. Wellness dimensions and incorporation throughout one's life via surfing or other recreation-driven lifestyles.

SPEECH, LANGUAGE, AND HEARING SCIENCES

1. New course.

Speech, Language, and Hearing Sciences

COMMUNICATION HUMAN RIGHT (C-2)

SLHS 222. Communication as a Human Right (3) (GE)

Human communication disorders and how they influence abilities to engage in various domains of life to include community engagement, education, legal and medical systems, media, and politics.

TELEVISION, FILM AND NEW MEDIA

1. New course.

Television, Film and New Media

ART CREATING EMOTION MOV (C-2)

TFM 235. The Art of Creating Emotion in Movies (3) (GE)

Film production for non-majors. Ways filmmakers deploy formal elements of cinema to generate a genre-related emotion such as fear in the horror genre; love in the romance genre. May be repeated with new content. Maximum credit six units.

2. New course.

Television, Film and New Media

CINEMA IN AFRICA (C-4)

TFM 265. Cinema in Africa (3) (GE)

Filmmaking in sub-Saharan Africa after colonization.

3. New course.

Television, Film and New Media

INDEPENDENT CINEMA (C-1)

TFM 267. Independent Cinema (3) (GE)

Filmmaking that has declared independence from mainstream aesthetics, industrial conventions, and the political status quo.

4. New course.

Television, Film and New Media

ADVANCED SOUND DESIGN (C-4 two units) (C-12 one unit)

TFM 521. Advanced Sound Design for Film and Interactive Media (3)

Two lectures and two hours of activity.

Prerequisite: Television, Film and New Media 321.

Aesthetics and advanced techniques for designing sounds for moving image and interactive media. Through laboratories and projects, students will learn auralization, composition, design, and synthesis using contemporary tools: audio programming languages, digital audio workstations, and nonlinear editors.

THEATRE

1. New course.

Theatre

AFRICAN AMERICAN THEATRE (C-4)

THEA 427. African American Theatre and Performance (3)

An exploration into the historical, political, and social struggles that have inspired the creation of African American Theatre. Students will be encouraged to seek, develop and express their own creative voices.

Report prepared and respectfully submitted by Curriculum Services on behalf of the Undergraduate Curriculum Committee.

Date: September 1, 2021
To: SEC / Senate
From: Pamella Lach, Chair, Academic Policy and Planning Committee (AP&P)
Subject: ACTION: Course Forgiveness Policy

ACTION: In alignment with the University's shift to the PeopleSoft Student Information Session and in tandem with other forthcoming changes to academic grading policies, the Academic Policy & Planning Committee (AP&P) moves that the Senate adjust the following policy regarding course forgiveness:

A student who receives a grade of C– or lower (fewer than 2.0 grade points per unit) may request that the course repeat policy for grade forgiveness be applied to that course. Students may request up to a limit of 16 units for course forgiveness, ~~with the constraint that no more than one course may be an upper-division course~~. The course repeat policy shall be applied to courses taken at San Diego State University, except where enrollment is restricted or the student no longer qualifies for admission to a course.

Rationale: The amended policy would benefit GI 2025 goals and provide additional support for upper-division students, including new transfer students and underrepresented students. The limitation of one upper-division course is not based on a CSU policy, and is not present in the course forgiveness policies of other UC and CSU campuses, including [Cal Poly San Luis Obispo](#), [UC Berkeley](#), [UCLA](#), and [UCSD](#). Additionally, an examination of course outcomes indicates that, consistently, at least half of the courses with the highest DFW rates are upper-division (source: Tableau). Equity gaps also exist for upper-division students in regards to DFW rates. In Fall 2019, underrepresented (URM) juniors received DFW grades at 10.7% (vs. 7.7% for non-URM students) and 8% of URM senior grades were DFW's (vs. 6.1% of non-URM students). These equity gaps increased in Fall 2020 (up to 12% for URM juniors, while decreasing to 7.2% for non-URM juniors).

Date: September 1, 2021
To: SEC / Senate
From: Pamella Lach, Chair, Academic Policy and Planning Committee (AP&P)
Subject: ACTION: Term Credit Limits

ACTION: The Academic Policy & Planning Committee (AP&P) moves that the Senate adopt the following policy regarding summer registration limits effective for Summer 2022.

SDSU will establish registration limits in its Summer Sessions whereby students may enroll in no more than 18 units in total during summer. Students will be permitted to enroll in no more than 9 units in each Summer Session (S1 and S2), and up to 18 units in the 13-week session T1 (if they are not taking classes during Sessions 1 and 2). Any exceptions to these maximums will require approval by an academic advisor and administrator in Enrollment Services.

Rationale: The Senate recently ratified a credit limit policy for the fall and spring semesters. This action is consistent with that policy. Further, in recognizing that the summer sessions are held in condensed periods, and accreditation standards require specific numbers of hours for study (both in and outside of class meeting periods), these limits ensure that students are allotted an appropriate amount of time for their studies. The policy is not intended to slow down progress towards degrees, but rather to improve success rates and the ability of students to absorb course content. In recent years, the number of students who exceed 18 units in summer has been very small (27 in summer '20 out of ~10,700 students; 31 in summer '21 out of ~10,500 students). In rare instances, such as when a student is just 1-3 credits short of an August graduation, an exception can be made with approval from an advisor and administrator in Enrollment Services.

Summer credit limits will be programmed into PeopleSoft and be controlled through automation beginning in summer 2023. For summer 2022, the Enrollment Services will circulate a report to academic advisors, who will be asked to reach out to students who are enrolled in more than 18 units (or more than 9 units in an individual summer session). Students who do not make adjustments to their schedules by the add/drop deadlines will be dropped down administratively.

TO: SEC

FROM: Cezar Ornatowski, Nola Butler-Byrd, Eniko Csomay

DATE: September 21, 2021

SUBJECT: Information: Report from the September 2-3, 2021 plenary meeting of the Academic Senate CSU (ASCSU)

The September 2-3, 2021 ASCSU plenary meeting was held online.

Chancellor Castro

The recent increase to CSU's budget was the biggest since 1984.

The CSU is engaged in salary negotiations with CFA. The CSU salary proposal calls for a 2-percent general increase for 2021-22, and reopener language for the second and third year of a potential contract. CFA proposes a 4-percent General Salary Increase (GSI), retroactively to July 1, 2020 and continuing through the next two years (see <https://www.cfabargaining.org/proposals>).

The CSU is lobbying in Sacramento and Washington to double Pell grants and include DACA students in Pell grants.

The staff union has agreed to the implementation of a vaccine requirement for CSU staff. The CO is waiting for a similar agreement from CFA regarding faculty.

Ryan Storm, Assistant Vice-Chancellor for Budget

State revenue increases exceeded forecast by \$4.7 billion (20.5%).

The CSU is currently preparing its next (2022-23) budget request, which may include:

- graduation initiative 2025 (emphasizing closing the equity gap)
- student engagement and well-being (i.e. basic needs; mental health)
- compensation increases (salaries account for about $\frac{3}{4}$ of the entire CSU budget)
- staff salary structure study
- initiatives in support of a post-pandemic university (i.e. CSUCCESS: getting technology into students' hands so they can be successful; IT infrastructure)
- enrollment growth

The request is likely to include \$550-750 million in recurring funds and \$1 billion in one-time funds (for example, for deferred maintenance and facilities and infrastructure)

The Legislature and the Governor have agreed in principle to fund enrollment for 2022-23, which is unprecedented so early in the budget cycle.

Resolutions

At the September 2-3, 2021 ASCSU plenary meeting, five resolutions were passed:

AS-3501-21/FA CONTINUED ACCOMMODATIONS AND FLEXIBILITY IN THE TIME OF COVID-19 (FIRST READING WAIVED)

Asks the Chancellor to urge campus presidents to recognize that the pandemic is not over and to be maximally flexible, compassionate, and accommodating in responding to evolving conditions; asks appropriate campus administrators to permit individual faculty members and departments to modify curriculum and pedagogy (including modality of instruction) as needed to meet their particular emergent circumstances and constraints; urges all campuses to honor the safety article in the Collective Bargaining Agreement (CBA - Article 37) and remain compliant with Health Insurance Portability & Accountability Act (HIPAA) and Family Education Rights and Privacy Act (FERPA) requirements, particularly by protecting the privacy of medical information when seeking vaccination exemptions and/or access to alternative modalities of instruction; and requests that the Chancellor direct all campus presidents, or their designated agents, to frequently report timely campus COVID diagnosis counts and vaccination counts, broken out by faculty, staff, and students in a single, easily accessible location such as a web-based dashboard or table.

AS-3502-21/EX COMMENDATION FOR INTERIM EXECUTIVE VICE CHANCELLOR FRED WOOD, PH.D.

AS-3504-21/EX COMMENDATION FOR EXECUTIVE VICE CHANCELLOR SYLVIA A. ALVA, PH.D.

AS-3506-21/EX COMMENDATION FOR ASSOCIATE VICE CHANCELLOR LUOLUO HONG, PH.D.

AS-3508-21/EX COMMENDATION FOR SENATOR CATHERINE NELSON

Five resolutions received first reading:

AS-3499-21/FA ACADEMIC FREEDOM AND TEACHING MODALITY IN THE COVID-19 PANDEMIC (REQUEST FOR WAIVER DENIED)

Asserts that the ASCSU recognize that since we are still dealing with the COVID-19 pandemic and the very contagious Delta variant, faculty have a right to make decisions as to what pertains to their teaching environment and their personal health and have the ad hoc flexibility to rapidly pivot face-to-face courses temporarily to virtual instruction during circumstances such as sudden COVID-19 spikes, and that, as long as COVID-19 remains a concern, course modality be determined by the faculty member.

AS-3500-21/FA SUSPENSION OF MANDATORY PEER OBSERVATIONS OF INSTRUCTION AND STUDENT EVALUATIONS FOR AY 2021-2022 (REQUEST FOR WAIVER DENIED)

Urges the Chancellor's Office to continue the suspension throughout the CSU of mandatory student evaluations of teaching implemented in Spring 2020 to the 2021-2022 AY, as well as the suspension, throughout the CSU system, of all mandatory peer observations of teaching during the 2021-2022 Academic Year (AY); urges the Chancellor's Office to allow faculty to opt in to peer observations of instruction and to student evaluations of teaching during AY 2021-2022; and urges the Chancellor's Office to allow individual faculty to decide whether peer or student evaluations of teaching from AY 2021-2022 are included in their permanent personnel files.

AS-3503-21/APEP ACKNOWLEDGEMENT OF CHANGES TO MATH REQUIREMENTS IN INTERNATIONAL BACCALAUREATE PROGRAMS

Acknowledges changes to the Math requirements in International Baccalaureate (IB) programs; reminds campuses that an individual CSU campus can go beyond the credit by examination list in awarding CSU General Education (GE) credit for area B4; and asks for input from the Mathematics Council and individual campus senates in updating the system-wide external exam credit list.

AS-3505-21/APEP SUPPORT FOR CSU GENERAL EDUCATION (GE) SYSTEM OFFICE REVIEW STANDARDS FOR AREA F (ETHNIC STUDIES)

Asserts ASCSU support for CSU GE System Office Review Processes and Implementation Standards for Area F (Ethnic Studies).

AS-3507-21/APEP SUPPORT FOR THE "CSU EDUCATION DEANS' STATEMENT IN SUPPORT OF CULTURALLY SUSTAINING, EQUITY DRIVEN, AND JUSTICE FOCUSED PEDAGOGIES"

Asserts that the ASCSU recognize, endorse, and distribute the *CSU Education Deans' Statement in Support of Culturally Sustaining, Equity Driven, and Justice Focused Pedagogies*.

Copies of these 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 via the SDSU academic senators: Nola Butler-Byrd (nbutler@mail.sdsu.edu), Eniko Csomay (ecsomay@sdsu.edu), and Cezar Ornatowski (ornat@mail.sdsu.edu).

The ASCSU website (<http://www.calstate.edu/AcadSen/?source=homepage>) includes committee information, approved agendas/minutes, reports, resolutions, and current senator contact information.

Faculty-to-Faculty, the ASCSU newsletter, is published approximately two weeks after each Plenary. It includes the ASCSU Chair's report, committee reports, invited articles on

current events, and committee recommendations. To have the newsletter delivered automatically via email, subscribe at <http://www.calstate.edu/AcadSen/Newsletter/>.

California Faculty Association Report to the Senate:
Mounah Abdel-Samad, SDSU CFA Chapter President

Dear Senators:

Please find below updates on the California Faculty Association efforts:

- 1- Current state of Collective bargaining
- 2- Meet and Confer requested for issues related to academic freedom in PSFA

Best wishes,

Mounah

Date: September 9, 2021
To: SEC / Senate
From: Pamella Lach, Chair, Academic Policy and Planning Committee (AP&P)
Subject: INFORMATION: Academic Policy Changes

The Academic Policy and Planning Committee (AP&P) received and approved the following Information Item from Stefan Hyman, Associate Vice President for Enrollment Management, on August 31, 2021.

INFORMATION:

In preparing the infrastructure for SDSU's new Student Information Session, PeopleSoft, the implementation team discovered several academic policies which require adjustments based on recent Executive Orders. Additionally, PeopleSoft affords new opportunities for SDSU to adopt best practices in the industry to improve the success and outcomes of our students, and the efficiency of our processes. Thereby, the Senate is given notice that the following changes to policies are forthcoming and set to be adopted beginning in fall 2022.

1. Incomplete Grades/GPA Adjustments: Incomplete grades currently change a student's GPA in the term that the student completes the course, not the term in which the course was originally taken. Executive Order 1037 indicates that the grade and GPA must be changed in the semester in which course was originally taken. This will become policy in fall 2022. SDSU will seek to hold students who are caught in the transition, due to an incomplete grade issued in the 2020-21 and 2021-22 academic years, harmless from this policy, and grandfather them into the current process.
2. Course Repeats: Senate policy 10.6 states, "Enrollment in a repeated course shall not be allowed if the student has already cumulatively repeated 34 units of coursework." Executive Order 1037 indicates students may only repeat up to 28 units of coursework. SDSU will adopt the Executive Order policy in fall 2022.
3. Probation and Disqualification: Senate policy 7.1.2 on Undergraduate Disqualification and Reinstatement state that "A student shall be disqualified at the end of the fall or spring semesters if either of the following conditions exist: (a) A student on probation fails to earn at least a 2.0 GPA average in San Diego State University work for any semester while on probation, or (b) a student on academic probation still has less than a 2.0 GPA in all work attempted at San Diego State University at the end of the third semester on probation." CSU Executive Order 1038 states that undergraduate students on academic probation are subject to disqualification if they do not meet the *cumulative GPA* benchmarks defined by their level. Freshman <30 units (minimum 1.50 GPA); Sophomore 30 -59 units (minimum 1.70 GPA); Junior 60-89 units (minimum 1.85 GPA); Senior 90+ units (minimum 1.95 GPA). SDSU will adopt the Executive Order policy in fall 2022. SDSU will communicate this forthcoming change to all faculty, students and staff early in the fall 2021 semester.

To: Senate Executive Committee/Senate
 From: Graduate Graduate Council
 Date: September 2021
 Re: 2022-2023 *University Catalog*

INFORMATION (3I-09-21)

ADMINISTRATION, REHABILITATION AND POST SECONDARY EDUCATION

1. Change in subprogram.

Administration, Rehabilitation and Post Secondary Education
**Education, Educational Leadership: Student Affairs in Postsecondary Education
 Specialization Concentration, M.A.**
(Major Code: 08271) (SIMS Code: 331913)

The Master of Arts degree in Postsecondary Educational Leadership & Student Affairs is intended for students who desire to enter and advance in entry-level postsecondary education positions, student services, or other administrative careers. Students will become grounded in the theoretical foundation of student learning, development, and success. Students will apply theory to practice to positively influence student success and to work towards embodying equity-mindedness, social justice, and mindful compassionate leadership to transform educational contexts.

To apply for the MA degree in Postsecondary Educational Leadership & Student Affairs (PELSA), prospective students must complete an application for admission to both the university and the Postsecondary Educational Leadership & Student Affairs program. All applications should include at least two letters of recommendation, a personal statement, and a curriculum vitae or resume. All applicants should note that previous academic degree and experience required varies with the career goals of the student. Upon admission to the university and the program, all students will be assigned a Faculty Advisor during their first semester in the program. Only students who show reasonable promise of success in student affairs leadership positions will be admitted to this program. In order to continue in the program, the student must demonstrate ongoing academic, professional, and personal growth.

Specific Requirements for the Master of Arts degree in Postsecondary Educational Leadership & Student Affairs.

A minimum of 36 units to include:

1. Required Core Courses (30 units):

ARP 610	Educational Leadership...3
ARP 620	Student Affairs and Student Success...3
ARP 621	Theoretical Foundations of Student Affairs and Student Success...3

ARP 622	Intra and Interpersonal Communication for Student Success...3
ARP 623	Seminar in Critical Leadership Issues in Student Affairs...3
ARP 624	Advising and Coaching for Student Success...3
ARP 747	Equity-Minded Approaches for Student Success...3
ARP 755	Governance and Policy Development in Postsecondary Education and Disability Systems...3
ARP 760	Internship in Postsecondary Educational Leadership...1-6 (Cr/NC/RP)
ED 690	Methods of Inquiry...3

2. **Research: Six units selected from the following:**

Selection of Plan A or Plan B

Plan A: Thesis

ED 799A Thesis...3 (Cr/NC/RP) Prerequisite: An officially appointed thesis committee.

AND

ARP 798 Special Study...3 (Cr/NC/RP)

OR

Plan B: Comprehensive Exam

ED 795A Research Seminar...3

AND

795B Research Seminar...3

In general, students will be programmed for Plan B, the Research Seminar plan. After the student is approximately halfway through the program, permission to transfer to Plan A may be requested. Requests for transfer to Plan A must be prepared as an official change in program for the master's degree, countersigned by the Faculty Advisor, and submitted to the Office of Graduate Programs in the College of Education.

The Plan B option provides students the opportunity (1) to have experiences that emphasize research and writing, (2) to participate actively in the projects of other members of the seminar, and (3) to subject their own work to critical evaluation by the other seminar members. Both plans require the ability to formulate and define research or assessment problems, to assemble data pertinent to the problem, to draw conclusions, and to present the study in acceptable written form. Both require a formal presentation upon the project's completion.

Changes: This is a response to the CSU Executive Order 1071. Elevating the MA in Postsecondary Educational Leadership with a Specialization in Student Affairs program to a stand-alone degree program in order to comply with this policy. No course modifications will be done related to this program (we made those changes in our last Curriculum process which went into effect Fall 2020). There are a few edits to the Program Learning Outcomes and Program Learning Goals.

AUDIOLOGY

1. Change to abbreviated title, course hours, description, needs met by course, title, units.

Audiology

ADV AEP & AUD INSTRUMENTN (C-4 two units) (C-7 two units)

AUD 800. Advanced Evoked Potential Measures and Audiological Instrumentation (4)

Two lectures and four hours of activity.

Prerequisites: Audiology 710 and Audiology 720.

Advanced concepts and hands-on experience with different audiological instruments and measures to improve diagnostic skills in interpreting and performing behavioral and physiologic tests. Calibration instrumentation and techniques. Critical thinking, problem-solving, and reasoning skills pertaining to equipment testing parameters and use.

Changes: Abbreviated title changed from *INSTRUMENTA AUD&HEAR SCI* to what is presented above. Course hours changed from *two units of C-4 and one unit of C-2* to what is presented above. Description changed from *Advanced concepts and hands-on experiences with different audiological instruments to improve diagnostic skills in behavioral and physiologic tests. Calibration techniques and instrumentation. Critical thinking, reasoning, and problem-solving skills pertaining to equipment use and testing parameters* to what is presented above. Satisfies *Degree/Major*. Title changed from *Instrumentation in Audiology/Hearing Science* to what is presented above. Units changed from *three to four*.

DOCTOR OF PHYSICAL THERAPY

1. Change to description, needs met by course.

Doctor of Physical Therapy

DPT 820. Musculoskeletal Therapeutics I (4)

Prerequisite: *(no change)*

Clinical concepts and principles for the diagnosis, examination, and management of musculoskeletal disorders involving the cranio-cervical region, thoracic region, and upper extremities.

Changes: Description changed from *Examination, diagnosis, and management of lower and upper extremities, and spinal musculoskeletal disorders* to what is presented above.

Satisfies *Degree/Major*.

2. Change to description.

Doctor of Physical Therapy

DPT 821. Musculoskeletal Therapeutics II (4)

Prerequisite: *(no change)*

Clinical principles and concepts for the diagnosis, examination, and management of musculoskeletal disorders involving the lumbosacral region and lower extremities.

DUAL LANGUAGE AND ENGLISH LEARNER EDUCATION

1. Change in subprogram.

Dual Language and English Learner Education
Master of Arts Degree in Education with a Concentration in Dual Language and English Learner Education with an Emphasis in Critical Literacy and Social Justice Specialization

M.A. Degree

(Major Code: 08994) (SIMS Code: 331965)

Paragraph one *(no change)*

Paragraph two *(no change)*

Option 1: Critical Literacy and Social Justice Specialization

(Major Code: 08994) (SIMS Code: 331958)

Core: (12 units)

DLE 600A Foundations of Democratic Schooling...3

OR

DLE 600B Foundations of Dual Language Programming for
Critical Biliteracy Development...3

DLE 601 Language Policies and Practices...3

DLE 650 Curriculum Development for Urban School
Communities...3

ED 690 Methods of Inquiry...3

Specialization: Select 12 units from the following* with consent of adviser.

DLE 553 Language Assessment and Evaluation in Multicultural
Settings...3

DLE 596 Special Topics in Bilingual and Multicultural
Education...1-3

DLE 603 Community and Schools in a Diverse Society ...3

DLE 604** Learning and Teaching Language in a Dual Language
Setting...3

DLE 651 Curriculum, Teaching, and Assessment: ELD and
SDAIE...1-3

DLE 652 Literacy and Language: Critically Examining Curriculum
for Teaching and Learning...3

DLE 653 Language Development in K-12 Multilingual
Classrooms...3

DLE 686 Seminar in Multicultural Education...1-6

DLE 798 Special Study...1-6 (Cr/NC/RP)

LING 505 Writing for Graduate Students...3

*Consult the DLE MA adviser about 500-700 level courses in other areas that may be applied toward specialization requirement.

** Taught in Spanish. Bilingual authorization credential or score of 3 on SDSU Spanish examination is a prerequisite for DLE 604.

Research: Six units total.

ED 795A-795B Seminar (6)

OR

ED 799A Thesis (3) Cr/NC/RP

AND

ED 797 Research (3) Cr/NC/RP

For further information, contact the Dual Language and English Learner Education Department, 619-594-5155.

Changes: *12 units* added after *Core*; *ED 690* added to core. *DLE 604* added ****(**Taught in Spanish. Bilingual authorization credential or score of 3 on SDSU Spanish examination is a prerequisite for DLE 604.) Asterisk added here: Specialization: Select 12 units from the following* with consent of adviser. (*Consult the DLE MA adviser about 500-700 level courses in other areas that may be applied toward specialization requirement.)** Research (6 units) moved from beginning to end of description. *LING 505* added to specialization.

EARLY CHILDHOOD TRANSDISCIPLINARY EDUCATION AND MENTAL HEALTH

1. Change to certificate.

Early Childhood Transdisciplinary Education and Mental Health (EC-TEaMH)
(SIMS Code: 330308)

Early Childhood Transdisciplinary Education and Mental Health (EC-TEaMH)

Certificate

Paragraph one *(no change)*

Paragraph two *(no change)*

Prerequisites *(no change)*

Course Requirements.

Paragraph one *(no change)*;

Paragraph two: Students must complete the course requirements with a minimum 3.0 (B) grade point average and a grade of C (2.0) or better in program courses.

Knowledge Area (12 units):

CFD 580 Observation and Assessment of Young Children's
Environments and Relationships ... 3

CFD 670A Seminar in Human Development Theories - Attachment
and Affect Regulation in Young Children ... 3

CFD 671A Seminar in Supporting Early Childhood Mental Health ... 3

SPED 676 Advanced Applied Behavior Analysis ... 3

Experience Area *(no change)*

Remainder *(no change)*

Changes: ... *a grade of C (2.0) or better in program courses* added to course requirements. In Knowledge Area, *Childhood and Family Development 670B Seminar in Human Development Theories - Intervention and Prevention Lifespan Approach* replaced with *Childhood and Family Development 670A Seminar in Human Development Theories - Attachment and Affect Regulation in Young Children*.

EDUCATION

1. Change in subprogram.

Education

**Master of Arts degree in Education with a Concentration in Special Education
Specialization in Early Childhood
(Major Code: 08081) (SIMS Code: 331983)**

Paragraph one *(no change)*

The Comprehensive Examination *(no change)*

Selection of Plan A or Plan B

In general, applicants will be programmed for Plan B, the seminar plan. After the student is approximately half way through the program, has secured an adviser and established a project plan, permission to transfer to Plan A may be requested. Plan A is designed for students who have a particular research problem they wish to investigate in some detail. Requests for transfer to Plan A must be prepared as an official change in program for the master's degree, countersigned by the faculty adviser, and submitted to the Office of Graduate Programs in the College of Education.

Paragraph two *(no change)*

Course Requirements

Note *(no change)*

Special Education

The Master of Arts degree in education with a concentration in special education provides the professional educator with advanced knowledge and skills in special education. This degree has many requirements in common with the Education Specialist Clear/Induction Credentials in Special Education and may be earned concurrently with those credentials. The M.A. degree can include specializations in the following areas: autism, early childhood, developing gifted potential, mild/moderate support needs, extensive support needs, and school to adult transition. All programs must be approved by the graduate adviser. Although the M.A. degree is usually linked to a teacher credential, it is open to individuals with undergraduate degrees in a wide range of disciplines in consultation with the graduate adviser.

Specialization in Early Childhood

Prerequisites: Admission to the Masters of Arts degree in education with a specialization in early childhood special education.

Core (6 units):

ED 690* Methods of Inquiry... 3

SPED 527 Special Education in a Pluralistic Society...3

Advanced Specialization:

SPED 681B Advanced Studies in Special Education: Autism, Early
Childhood Special Education, and Extensive
Support Needs Units: 3

And 15-18 unit electives at 500, 600 or 700 level chosen with graduate adviser's approval.

Culminating Experience (3-6 units):

ED799A Thesis... 3 (Cr/NC/RP)
OR
 ED 791A Evaluation Techniques ... 3
AND
 ED 791B Practicum: Evaluation...1-3
OR
 ED 795A* Seminar...3
AND
 ED 795B* Seminar...3

*In departmentally approved sections.

Changes: REMOVAL of PREREQUISITES: Prerequisites changed from *Preliminary or Professional (now called Clear/Induction) California Credential in Early Childhood Special Education* or the courses, SPED 527, SPED 500 and SPED 528 to what is presented above. MA degree program changed from a total of 30-31 units; students are required to take a total of 12 units "core" coursework: ED 690 (3 units), SPED 651(3 units) and 6 units selected from approved coursework to what is presented above. SPED 651 removed.

2. Change in subprogram.

Education

Education, Special Education:

Specialization in Mild/Moderate Support Needs Concentration, M.A.

(Major Code: 08081) (SIMS Code: 331992)

Paragraph one (no change)

The Comprehensive Examination (no change)

Selection of Plan A or Plan B (no change)

Course Requirements (no change)

Note (no change)

Special Education

The Master of Arts degree in education with a concentration in special education provides the professional educator with advanced knowledge and skills in special education. This degree has many requirements in common with the Education Specialist Clear/Induction Credentials in Special Education and may be earned concurrently with those credentials. The M.A. degree can include specializations in the following areas: autism, early childhood, developing gifted potential, mild/moderate support needs, extensive support needs, and school to adult transition. All programs must be approved by the graduate adviser. Although the M.A. degree is usually linked to a teacher credential, it is open to individuals with undergraduate degrees in a wide range of disciplines in consultation with the graduate adviser.

Specialization in Mild/Moderate Support Needs

Prerequisites: Admission to the Master of Arts degree in education with a specialization in Mild/Moderate Support Needs.

Core (6 units):

ED 690* Methods of Inquiry... 3

SPED 527 Special Education in a Pluralistic Society...3

Advanced Specialization:

SPED 681A Advanced Studies in Special Education: Mild/Moderate Support Needs...3

And 15-18 units selected with graduate advisor's approval from approved electives at 500-level or above.

Culminating Experience (3-6 units):

ED799A Thesis... 3 (Cr/NC/RP)

OR

ED 791A Evaluation Techniques ... 3

AND

ED 791B Practicum: Evaluation...1-3

OR

ED 795A* Seminar...3

AND

ED 795B* Seminar...3

*In departmentally approved sections.

Changes: Title of concentration changed from Education, Special Education: Specialization in Mild/Moderate Disabilities Concentration, M.A. to what is presented above. REMOVAL of PREREQUISITES: Prerequisites changed from *Preliminary or Professional (now called Clear/Induction) California Credential in Early Childhood Special Education or the courses, SPED 527, SPED 500 and SPED 528* to what is presented above. MA degree program changed from a total of 30-31 units; students are required to take a total of 12 units "core" coursework: ED 690 (3 units), SPED 651(3 units) and 6 units selected from approved coursework to what is presented above. SPED 527 added to core courses. SPED 651 removed. The language and terminology updated to match the language used for credential programs and by the CCTC. For example, the phrase, "mild-moderate disabilities" will be replaced with the phrase, "mild-moderate support needs".

3. Change in program.

Education

Education, Special Education: Specialization in Extensive Support Needs Concentration, M.A.

(Major Code: 08081) (SIMS Code: 331993)

Paragraph one (no change)

Prerequisites

Admissions to Master of Arts Degree in Education with a Specialization in Extensive Support Needs.

Core (6 units)

ED 690* Methods of Inquiry...3

AND

SPED 527 Special Education in a Pluralistic Society...3

Advanced Specialization

SPED 681B Advanced Studies in Special Education: Autism, Early Childhood Special Education, and Extensive Support Needs...3

AND

15-18 units selected from approved electives at 500-level or above.

Culminating Experience (3-6 units)

ED 799A Thesis...3

OR

ED 791A Evaluation Techniques...3

AND

ED 791B Practicum: Evaluation...1-3

OR

ED 795A* Seminar...3

AND

ED 795B* Seminar...3

Note (no changes)

Changes: Title of concentration changed from *Education, Special Education: Specialization in Extensive Disabilities Concentration, M.A.* to what is presented above. *SPED 500, SPED 525, SPED 527 or Basic California Teaching Credential with EEL endorsement/CLAD credential, or SPED 527, Preliminary or Professional California credential in Mild/Moderate Disabilities* removed from prerequisites. Prerequisites changed to what is presented above. Core units changed from 12 units to 6. *SPED 527* added to core courses; *SPED 651* removed from core courses; *Six units selected from approved coursework in specialization area* removed from core courses. In Advanced Specialization, *9-12 units selected from approved electives at 500-level or above* changed to *15-18 unit electives at 500, 600 or 700-level chosen with graduate adviser's approval*. Culminating Experience courses changed order.

4. Change in program.

Education

Education, Special Education: Specialization in Autism Concentration, M.A.

(Major Code: 08081) (SIMS Code: 331994)

Paragraph one (no change)

Prerequisites

SPED 553 Behavioral Strategies and Supports for Students with Disabilities...3

OR

Equivalence and admission to Master of Arts Degree in Education with a Specialization in Autism.

Core (6 units)

ED 690* Methods of Inquiry...3

AND

SPED 527 Special Education in a Pluralistic Society...3

Advanced Specialization

- SPED 676 Advanced Applied Behavior Analysis...3
 SPED 681B Advanced Studies in Special Education: Autism, Early
 Childhood Special Education, and Extensive
 Support Needs...3

AND

13 unit electives at 500, 600 or 700 level chosen with graduate
 advisor's approval.

Culminating Experience (6 units) (no changes)

Note (no changes)

Changes: *SPED 527 Special Education in a Pluralistic Society or Basic California Teaching Credential with EEL endorsement/CLAD/BCLAD credential and SPED 553 Behavioral Strategies and Supports for Students with Disabilities* removed from prerequisites. Prerequisites changed to what is presented above. Core changed from 12 units to 6. *Nine units selected from approved coursework in specialization area* removed from Core. *SPED 527 Special Education in a Pluralistic Society* added to Core. Advanced Specialization total units removed (to stay consistent with the other specializations that do not include them). *Seven units of electives selected with approval of adviser* changed to *13 unit electives at 500, 600 or 700 level chosen with graduate advisor's approval.*

EDUCATIONAL LEADERSHIP

1. Change to staffing formula and units.

Educational Leadership

LEAD TEAMS EVIDENCE-BASED (C-2)

EDL 616. Leading Teams to Use Evidence- Based Practices (6)

Prerequisite: *(no change)*

Remainder of description *(no change)*

Changes: Staffing formula changed from *C-4* to *C-2*. Units changed from *five* to *six*.

2. Change to staffing formula and units.

Educational Leadership

MENTORNG COACHNG & COLLAB (C-2)

EDL 617. Mentoring, Coaching, and Collaboration (6)

Prerequisite: *(no change)*

Remainder of description *(no change)*

Changes: Staffing formula changed from *C-4* to *C-2*. Units changed from *five* to *six*.

3. Change to staffing formula and units.

Educational Leadership
ORGANIZATIONAL ENGAGEMENT (C-2)
 EDL 618. Organizational Engagement (6)
 Prerequisite: *(no change)*
 Remainder of description *(no change)*

Changes: Staffing formula changed from *C-4* to *C-2*. Units changed from *five* to *six*.

4. Change in program.

Educational Leadership
Master of Arts Degree in Teacher Leadership
(SIMS Code: 331936) (Major Code: 08295)

The Master of Arts in Teacher Leadership is intended to prepare effective classroom teachers for new leadership roles at their institutions by providing new knowledge and leadership skills, furthering a sense of inquiry within the realm of institutional change, and providing a scholarly community of educators with similar career goals and trajectories. Graduates of the program will have the skills to be effective in roles such as assessment leader, curriculum leader, instructional coach, master teacher, and mentor. Graduates of the program will understand collective efficacy, its impact on an institution, and the expectation they contribute to building it. Graduates will develop a deep understanding of high-quality instruction. Graduates will also know how to influence the learning and practice of adults from a parallel position of authority.

Paragraph two *(no change)*

Advancement to Candidacy

All students must satisfy the general requirements for advancement to candidacy as described in Part Four of this bulletin.

The Comprehensive Examination

This written examination, designed to evaluate the achievement in the specific area of the student's concentration, is required of all candidates for the master's degree in educational leadership. A student is eligible to take the comprehensive examination only after advancement to candidacy.

Specific Requirements for the Master of Arts degree in Teacher Leadership

A minimum of 30 units to include:

1. Core program (24 units):
 - EDL 615 Leading Equity in Schools...6
 - EDL 616 Leading Teams to Use Evidence-Based Practices...6
 - EDL 617 Mentoring, Coaching, and Collaboration...6
 - EDL 618 Organizational Engagement...6
2. Research (6 units):
 - EDL 696 Advanced Topics in Educational Leadership (6)

Changes: *Advancement to Candidacy* and *The Comprehensive Examination* sections added. Core program courses units changed from 5 to 6. *ED 690* removed from core

program. *ED 791A, 791B or ED 795A, ED 795B or EDL 650, ED 799A* removed from Research electives. *EDL 696* added to *Research*.

5. Change in program.

Educational Leadership

**Master of Arts in Educational Leadership
(Major Code: 08271) (SIMS Code: 331912)**

Admission to the Degree Curriculum

To apply for admission into the M.A. in Educational Leadership, a student must complete an application for admission to both the university and the Department of Educational Leadership. All applications should include two letters of recommendation from two supervisory administrators. Upon admission to the university and the program, all students will discuss the degree curriculum with the graduate adviser during the first semester of enrollment.

In addition to meeting the requirements for admission to the university with classified graduate standing and the credential requirements as applicable, the student must satisfy the basic requirements for the master's degree described in Part Four of this bulletin.

Advancement to Candidacy

All students must satisfy the general requirements for advancement to candidacy as described in Part Four of this bulletin.

The Comprehensive Examination

This written examination, designed to evaluate the achievement in the specific area of the student's concentration, is required of all candidates for the master's degree in educational leadership. A student is eligible to take the comprehensive examination only after advancement to candidacy.

The examination is offered near the midpoint of each semester. A reservation must be made at least one week in advance of the examination. For information on exact dates, and for a reservation, check with the coordinators of the respective programs.

Note: Students are requested to consult with the appropriate master's degree adviser prior to taking any coursework leading to the master's degree.

Master of Arts in Educational Leadership Degree

The Master of Arts in Educational Leadership is intended for students pursuing administrative posts in PreK-12 educational organizations, including school- and district- level leaders. Students who intend to pursue administrative careers in California public schools, grades PreK-12, need to obtain the Preliminary Administrative Services Credential and then the Clear Administrative Services Credential. Students may earn a degree without earning a California Preliminary Services Credential or in combination with the credential.

Specific Requirements for the Master of Arts in Educational Leadership.

A minimum of 30 units to include:

Core program (15 units):

EDL 600	Organizational and Systems Leadership ...3
EDL 610	Visionary Leadership ...3
EDL 660	Field Experience in Educational Leadership ...3

EDL 696	Advanced Topics in Educational Leadership ...6
Electives (15 units selected, with the approval of the graduate adviser):	
EDL 630	School Improvement Leadership ...3
EDL 640	Community Leadership ...3
EDL 650	Professional Learning and Growth Leadership ...3
EDL 652	Seminar in Instructional Leadership ...3
EDL 655	Communication, Problem Solving, and Decision Making in PK12 ...3
EDL 680	Seminar in PreK-12 Educational Administration ...2

Changes: Program name changed from *Master of Arts degree in Education with a Concentration in Educational Leadership with an Emphasis in Specialization in PreK-12 Educational Leadership* to what is presented above. Program changed from the traditional *nine-unit Master of Arts in Education capstone experience and sequence of 690-795A-795B* to what is presented above. *EDL 660* added.

ENGLISH

1. Change in program.

English

English Major

With M.A Degree

(Major Code: 15011) (SIMS Code: 112103)

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree as described in the Requirements for Master's Degrees, the student must complete a 30-unit program of study, approved by the department's director of graduate studies. At least 24 of the 30-unit program must be 600- and 700-numbered courses. Students may choose Plan A (thesis) or Plan B (portfolio assessment) for their culminating experience. For Plan B, students are examined orally by a faculty committee after submitting the required academic essays.

Required classes:

ENGL 600 Introduction to Graduate Study ... 3

Twelve units selected from:

ENGL 604A Seminar: Literary Period or Movement: American
Literature ... 3

ENGL 604B Seminar: Literary Period or Movement: British
Literature...3

ENGL 604D Seminar: Literary Period or Movement: Children's
Literature...3

ENGL 606A Seminar: A Literary Type: American Literature...3

ENGL 606D Seminar: A Literary Type: Children's Literature...3

ENGL 624 British Literature...3

ENGL 625 Literature of the United States...3

ENGL 626 Comparative Literature...3

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
RWS 600	Reading and Writing Rhetorically...3
RWS 601A	History of Rhetoric I...3
RWS 602	Modern Rhetoric and Composition Studies...3
RWS 640	Research Methods in Rhetoric and Writing Studies...3

and either

ENGL 790	Seminar: Portfolio/Examination Preparation ... 3 (Cr/NC)
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OR

ENGL 799A	Thesis...3 (Cr/NC/RP)
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Students may substitute up to six units of courses appropriate for graduate credit in a foreign language literature course read in the original language for: ENGL 604A, 604B, 604D, 606A, 606D, 624, 625, 626, 700, 724, 725, 726, 727, RWS 600, 601A, 602, and/ or 640.

With the approval of the graduate adviser, 12 units selected from other English and comparative literature departmental graduate offerings. A maximum of six units of courses acceptable for graduate credit in other departments (when appropriate) may be used toward satisfying this requirement.

Students must submit a Rationale of Study proposal to the Director of Graduate Study before a request for Advancement to Candidacy can be made.

Changes: Language requirement removed. A single MA in English is replacing the following specializations: American Literature (the SIMS code above was for American Literature specialization), British Literature, Children's Literature, Comparative Literature, Rhetoric and Writing. All courses above added.

2. Subprogram deactivation.

English

English, Rhetoric and Writing Specialization, M.A.

(Major Code: 15011) (SIMS Code: 112160)

Specific Requirements

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree as described in Part Four of this bulletin, the student must complete a 30-unit program of study, approved by the department's director of graduate studies, with at least 27 units of 600- and 700-numbered courses. The major includes a specialization in one of five program areas: American literature, British literature, children's literature, comparative literature, or rhetoric and writing. Students specializing in literature may choose Plan A (thesis) or Plan B (portfolio assessment).

Core Course (3 Units)

ENGL 600	Introduction to Graduate Study...3
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Rhetoric and Writing Research Focus

With prior approval by the graduate adviser, a student will select nine units from the following:

RWS 600	Reading and Writing Rhetorically...3
RWS 601A	History of Rhetoric I...3
RWS 602	Modern Rhetoric and Composition Studies...3
RWS 640	Research Methods in Rhetoric and Writing Studies...3

Electives: Diversification in Literary and Writing Research

With the approval of the graduate adviser, 15 units selected from other English and comparative literature departmental graduate offerings. At least six of these elective units must be taken outside of specialization and from other specializations within the English M.A. program. A maximum of six units of courses acceptable for graduate credit in other departments (when appropriate) may be used toward satisfying this requirement.

Culminating Experience

Plan A

ENGL 799A Thesis...3 (Cr/NC/RP)

Plan B

ENGL 790 Seminar: Portfolio/Examination Preparation...3

OR

An additional three unit 700-level course in English with the approval of the graduate adviser. **But not both.**

Changes: Program/specialization deactivated in favor of a single MA in English.

3. Subprogram deactivation.

English

English, British Literature Specialization, M.A.

(Major Code: 15011) (SIMS Code: 112104)

Specific Requirements

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree as described in Part Four of this bulletin, the student must complete a 30-unit program of study, approved by the department's director of graduate studies, with at least 27 units of 600- and 700-numbered courses. The major includes a specialization in one of five program areas: American literature, British literature, children's literature, comparative literature, or rhetoric and writing. Students specializing in literature may choose Plan A (thesis) or Plan B (portfolio assessment).

Core Course (3 Units)

ENGL 600 Introduction to Graduate Study...3

British Literature Research Focus

With prior approval by the graduate adviser, a student will select nine units from the following:

ENGL 604B	Seminar: Literary Period or Movement: British Literature...3
ENGL 624	British Literature...3
ENGL 700	Seminar: A Major Author or Authors...3

ENGL 724 Seminar: Issues in British Literature...3

Note

With the prior consent of the graduate adviser, ENGL 798, with appropriate content, may be substituted for one of the above courses.

Electives: Diversification in Literary and Writing Research

With the approval of the graduate adviser, 15 units selected from other English and comparative literature departmental graduate offerings. At least six of these elective units must be taken outside of specialization and from other specializations within the English M.A. program. A maximum of six units of courses acceptable for graduate credit in other departments (when appropriate) may be used toward satisfying this requirement.

Culminating Experience

Plan A

ENGL 799A Thesis...3 (Cr/NC/RP)

Plan B

ENGL 790 Seminar: Portfolio/Examination Preparation...3

OR

An additional three unit 700-level course in English with the approval of the graduate adviser. **But not both.**

Changes: Program/specialization deactivated in favor of a single MA in English.

4. Subprogram deactivation.

English

English, Children's Literature Specialization, M.A.

(Major Code: 15011) (SIMS Code: 112107)

Specific Requirements

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree as described in Part Four of this bulletin, the student must complete a 30-unit program of study, approved by the department's director of graduate studies, with at least 27 units of 600- and 700-numbered courses. The major includes a specialization in one of five program areas: American literature, British literature, children's literature, comparative literature, or rhetoric and writing. Students specializing in literature may choose Plan A (thesis) or Plan B (portfolio assessment).

Core Course (3 Units)

ENGL 600 Introduction to Graduate Study... 3

Children's Literature Research Focus

With prior approval by the graduate adviser, a student will select nine units from the following:

ENGL 604D Seminar: Literary Period or Movement: Children's Literature ...3

ENGL 606D Seminar: A Literary Type: Children's Literature ... 3

ENGL 700 Seminar: A Major Author or Authors ... 3

ENGL 727 Seminar: Issues in Children's Literature ... 3

Note

With the prior consent of the graduate adviser, ENGL 798, with appropriate content, may be substituted for one of the above courses.

Electives: Diversification in Literary and Writing Research

With the approval of the graduate adviser, 15 units selected from other English and comparative literature departmental graduate offerings. At least six of these elective units must be taken outside of specialization and from other specializations within the English M.A. program. A maximum of six units of courses acceptable for graduate credit in other departments (when appropriate) may be used toward satisfying this requirement.

Culminating Experience

Plan A

ENGL 799A Thesis... 3 (Cr/NC/RP)

Plan B

ENGL 790 Seminar: Portfolio/Examination Preparation...3

OR

An additional three unit 700-level course in English with the approval of the graduate adviser. **But not both.**

Changes: Program/specialization deactivated in favor of a single MA in English.

5. Subprogram deactivation.

English

English, Comparative Literature Specialization, M.A.

(Major Code: 15011) (SIMS Code: 112115)

Specific Requirements

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree as described in Part Four of this bulletin, the student must complete a 30-unit program of study, approved by the department's director of graduate studies, with at least 27 units of 600- and 700-numbered courses. The major includes a specialization in one of five program areas: American literature, British literature, children's literature, comparative literature, or rhetoric and writing. Students specializing in literature may choose Plan A (thesis) or Plan B (portfolio assessment).

Core Course (3 Units)

ENGL 600 Introduction to Graduate Study...3

Comparative Literature Research Focus

With prior approval by the graduate adviser, a student will select nine units from the following:

Three Units Acceptable

Three units acceptable for graduate credit, in a language other than English literature read in the original language.

Six Units From the Following

ENGL 626 Comparative Literature ... 3

ENGL 700 Seminar: A Major Author or Authors ... 3

ENGL 726 Seminar: Issues in Comparative Literature ...3

Note

With the prior consent of the graduate adviser, ENGL 798, with appropriate content, may be substituted for one of the above courses.

Electives: Diversification in Literary and Writing Research

With the approval of the graduate adviser, 15 units selected from other English and comparative literature departmental graduate offerings. At least six of these elective units must be taken outside of specialization and from other specializations within the English M.A. program. A maximum of six units of courses acceptable for graduate credit in other departments (when appropriate) may be used toward satisfying this requirement.

Culminating Experience

Plan A

ENGL 799A Thesis...3 (Cr/NC/RP)

Plan B

ENGL 790 Seminar: Portfolio/Examination Preparation... 3

OR

An additional three unit 700-level course in English with the approval of the graduate adviser. **But not both.**

Changes: Program/specialization deactivated in favor of a single MA in English.

HISTORY

1. Change in program.

History

Master of Arts Degree in History

(Major Code: 22051) (SIMS Code: 113301)

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree as described in Part Four of this bulletin, the student must complete a graduate program of 30 units which includes a major consisting of at least 24 units in history from courses listed below as acceptable on the master's degree programs, at least 21 units of which must be in 600- and 700-numbered courses. Students may elect either Plan A, requiring a thesis, or Plan B, requiring a comprehensive written examination in two fields of history chosen in consultation with the graduate adviser. For Plan B, faculty meet with the student for a one-hour oral assessment one week following the examination if further consultation is necessary.

Plan A: Thesis Option

Required Courses (9 units)

HIST 601 Seminar in Historical Methods... 3

HIST 665 Seminar in History Units: 3

HIST 799A Thesis ... 3 (Cr/NC/RP)

12 units selected from:

HIST 620 Directed Readings in European History ... 3

HIST 630 Directed Readings in United States History ... 3

HIST 640 Directed Readings in Latin American History ... 3

HIST 650 Directed Readings in Asian History ... 3

OR

HIST 680 Directed Reading in Selected Topics ... 3

Six units of graduate (500/600/700) level courses in History or in other departments, including HIST 798 (max 3 units). Six of these units can be taken outside the department.

Plan B: Comprehensive Exam Option**Required Courses Are**

HIST 601 Seminar in Historical Methods...3

HIST 665 Seminar in History...3

AND

HIST 795 Area Studies in History...3

15 Units Selected From

HIST 620 Directed Readings in European History...3

HIST 630 Directed Readings in United States History...3

HIST 640 Directed Readings in Latin American History...3

HIST 650 Directed Readings in Asian History...3

HIST 680 Directed Reading in Selected Topics...3

AND

Six units of graduate (500/600/700) level courses in History or in other departments, including HIST 798 (max 3 units). Six of these units may be taken outside the department.

Candidates for this Degree (no change)

Changes: Plan A students take nine units of electives, while Plan B students take 15 units.

Plan A students take six units of HIST 665, while Plan B students take three units.

Students approved for Plan B shall meet the same course requirements as those enrolling in Plan A, except that they must enroll in removed from Plan B section. One additional three-unit history course numbered from 620 to 680 in lieu of HIST 797 and HIST 799A also removed from Plan B section. Six units of graduate-level courses in History or in other departments. Three of these units may be History 798 Special Study; and six of these units may be taken outside the department added to both Plan A and Plan B options. Formatting changes are presented above.

HOSPITALITY, RECREATION & TOURISM MANAGEMENT

1. Change in program.

Hospitality, Recreation, and Tourism Management

Master of Science Degree in Hospitality and Tourism Management

M.S. Degree

(Major Code: 05081) (SIMS Code: 663120)

In addition to meeting the requirements for classified graduate standing, and the basic requirements for the master's degree as described in Part Four of this bulletin, students must complete an approved program of study containing 30 units of 600- and

700-numbered courses. Advancement to candidacy requires completion of at least 12 units of coursework listed on the official program of study with a minimum grade point average of 3.0 (B).

In addition to meeting the criteria for admission to the university, applicants must have experience in management-level positions in hospitality or tourism organizations.

Required courses (21 units):

HTM 601	Leadership Explorations and Applications in Hospitality and Tourism Management...3
HTM 602	Theoretical Foundations of Leadership and Management in Hospitality and Tourism Management...3
HTM 653	Leading in Complex Human Systems in Hospitality and Tourism Management...4
HTM 680	Mastering Technology in an HTM Operational Setting...3
HTM 690	Systems Problems Resolution in Hospitality and Tourism Management...3
HTM 698	The MentorEdge Program...2
HTM 780	Seminar: Strategy Development and Critical Analysis in Hospitality and Tourism Management...3

Elective courses (9 units):

HTM 651	Financial Analysis in Hospitality and Tourism Management...3
HTM 655	Twenty-First Century Marketing in Hospitality and Tourism Management...3
HTM 657	Data Driven Decision Making in Hospitality and Tourism Management...3
HTM 683	Sustainability in Hospitality, Tourism, and Recreation Organizations...2
HTM 696	Special Topics in Hospitality and Tourism...1-3
HTM 790	Directed Readings in Hospitality and Tourism Management...3

The culminating experience for the Master of Science degree consists of (1) a leadership experience project in Hospitality and Tourism Management 690, in which students design and implement an organizational change project AND (2) a comprehensive case study examination with presentation in Hospitality and Tourism Management 780. Students must earn a passing grade (C, 2.0 or better) in both Hospitality and Tourism Management 690 and 780 to earn the Master's degree.

Changes: Two course added: *HTM 698 and HTM 657*. New 21 unit required course list and a 9 unit elective course list.

2. Change in program.

Hospitality, Recreation, and Tourism Management

Meeting and Event Management, M.S.

(Major Code: 05086) (SIMS Code: 663122)

Offered through SDSU Global Campus

Paragraph 1 - 2 (no change)

Required courses (21 units): (no change)

Elective courses (9 units):

HTM 661	Financial Analysis in Meetings and Events...3
HTM 665	Event Marketing Principles in Meetings and Events...3
HTM 667	Data Driven Decision Making in Meetings and Events...3
HTM 683	Sustainability in Meetings and Events...3
HTM 791	Directed Readings in Meetings and Events...3

The culminating experience for the Master of Science degree consists of (1) a leadership experience project in Hospitality and Tourism Management 690, in which students design and implement an organizational change project AND (2) a comprehensive case study examination with presentation in Hospitality and Tourism Management 781. Students must earn a passing grade of C (2.0) or better in both Hospitality and Tourism Management 690 and 781 to earn the Master's degree.

Changes: *HTM 667 Data Driven Decision Making in Meetings and Events* added to elective courses. A grade of *C (2.0) or better* added to the culminating experience paragraph.

LINGUISTICS

1. Change in program.

Linguistics

Master of Arts Degree in Linguistics**(Major Code: 15051) (SIMS Code: 114701)**

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. A minimum of 24 units from courses in the Department of Linguistics. A minimum of 15 units must be from 600- or 700-level courses.

General Program**Required courses (9 units)**

LING 503	Functions of Language...3
LING 795	Seminar in Linguistics ... 3

Three units from the following:

LING 502	Language in Mind and Society ... 3
LING 551	Sociolinguistics ... 3
LING 552	Psycholinguistics ... 3
LING 553	Bilingualism...3

Note that completion of LING 501 or equivalent is a prerequisite to LING 502, 551, 552, and 553.

Complete at least 9 units selected from the following:

LING 602	Advanced Study of Language in Mind and Society...3
LING 610	Topics in Historical Linguistics ... 3
LING 620	Advanced Formal Syntax ... 3
LING 626	Pragmatics ... 3

LING 651 Seminar in Sociolinguistic Research in the Speech
Community...3

OR

LING 696 Advanced Topics in Linguistics...1-3 (with general
linguistics content)

Other Electives (9 units)

Students must complete elective units from graduate courses in Linguistics. LING 505 does not count toward unit requirements for the Master of Arts degree in linguistics. With the approval of the graduate adviser, a maximum of six units selected from the following courses will be accepted for graduate credit in linguistics:

Seminar in Linguistics ...	3	ANTH 604
CS 550	Artificial Intelligence ...	3
CS 460	Algorithms ...	3
CS 562	Automata Theory...	3
CS 596	Advanced Topics in Computer Science...1-4 (when offered with computational linguistics content)	
CS 620	Formal Languages and Syntactic Analysis I...	3
CS 696	Selected Topics in Computer Science...3 (when offered with computational linguistics content)	
RWS 602	Modern Rhetoric and Composition Studies ...	3
SPAN 561	Methods in Teaching Spanish as a Second Language...	3
SPAN 770	Applied Spanish Linguistics for Teachers ...	3
SLHS 790	Seminar in Foundations of Language Science...	3
SLHS 793	SLHS 793 - Seminar in Disorders of Language and Cognition/Children...	3

Students selecting one specialization may enroll in courses from the other specialization as electives.

Culminating experience (3 units)

LING 799A (Plan A)

OR

A written comprehensive examination (Plan B) and 3 additional Linguistic graduate elective units.

Plan A students must select a committee of three faculty, two of whom are from the Linguistics department, to supervise the thesis. In consultation with the graduate adviser, students select one of two options at the time of filing an official program of study.

Changes: Added LING 602 (a concurrent course proposal) and LING 651 (existing course) as options to the general linguistics electives. Added LING 553: Bilingualism as an option for the core requirement to take 3 units from among 502, 551, 552. New program adds LING 602 and LING 651 to Master Electives A and removes courses no longer offered (640, 654, 660). New program adds LING 553 to the core requirement to take 3 units from among 502, 551, 552. *Culminating experience section* added.

2. Change in program.

Linguistics

Master of Arts Degree in Linguistics**(Major Code: 15051) (SIMS Code: 114705) (Applied TESOL)**

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. A minimum of 24 units from courses in the Department of Linguistics. A minimum of 15 units must be from 600- or 700-level courses.

TESOL/Applied Linguistics Specialization

Required courses (9 units)

LING 503 Functions of Language...3

LING 795 Seminar in Linguistics ... 3

And three units selected from the following:

LING 502 Language in Mind and Society ... 3

LING 551 Sociolinguistics ... 3

LING 552 Psycholinguistics ... 3

LING 553 Bilingualism...3

Note that completion of LING 501 or equivalent is a prerequisite to LING 502, 551, 552, and 553.

Electives (*no change*)

And 6 units selected from: (*no change*)

Internship (*no change*)

Other Electives (6 units)

Students must complete elective units from graduate courses in Linguistics. LING 505 does not count toward unit requirements for the Master of Arts degree in linguistics. With the approval of the graduate adviser, a maximum of six units selected from the following courses will be accepted for graduate credit in linguistics:

ANTH 604 Seminar in Linguistics ... 3

CS 550 Artificial Intelligence ...3

CS 460 Algorithms ... 3

CS 562 Automata Theory...3

CS 596 Advanced Topics in Computer Science...1-4 (when offered with computational linguistics content)

RWS 602 Modern Rhetoric and Composition Studies ...3

SPAN 561 Methods in Teaching Spanish as a Second Language...3

SPAN 770 Applied Spanish Linguistics for Teachers ...3

SLHS 790 Seminar in Foundations of Language Science... 3

SLHS 793 SLHS 793 - Seminar in Disorders of Language and Cognition/Children... 3

Culminating experience (3 units)

LING 799A (Plan A)

OR

A written comprehensive examination (Plan B) and 3 additional Linguistic graduate elective units.

Plan A students must select a committee of three faculty, two of whom are from the Linguistics department, to supervise the thesis. In consultation with the graduate adviser, students select one of two options at the time of filing an official program of study.

Changes: *Linguistics 553* added the core requirement to take 3 units from among 502, 551, 552. *Culminating experience section* added.

MATHEMATICS

1. Course Deactivation.

Mathematics

LINEAR ALGEBRA&MATRIX THY

MATH 623. Linear Algebra and Matrix Theory (3)

Prerequisite: Mathematics 254 with a grade of C (2.0) or better.

Characteristic and minimal polynomials, Cayley-Hamilton theorem, canonical forms, hermitian matrices, Sylvester's law, norms, singular values, stability, non-negative matrices.

2. Change in program.

Mathematics

Master of Science Degree in Applied Mathematics

(Major Code: 17031) (SIMS Code: 776314)

Paragraph one (no change)

Undergraduate Preparation for Admission.

Before entering the program, a student must have completed the following upper division courses: two courses in analysis (to include Mathematics 330), two courses in differential equations (Mathematics 237 and either 531 or 537), one course in programming or numerical analysis (Mathematics 340), one course in linear algebra (Mathematics 524), and one course in statistics (Statistics 350A or 551A): A student with inadequate undergraduate preparation may be accepted conditionally but will be required to complete courses for the removal of the deficiency in the first year of study; among these courses, at most one of Mathematics 531 and 537 can count towards the degree course requirements.

Program of study, to include a plan for removal of any conditions on admission, must be approved by the program adviser. Students must complete Mathematics 636; 630 or 668; 693A or 693B; 720 (1 unit), 797 (3 units), 799A, and 15 units of 500- or 600-level courses in mathematics or in a related discipline selected with the approval of the program adviser. The program of study must include at least 22 units in mathematics or statistics, and at most 12 units of 500-level courses. Math 798 may not be counted toward the degree program without permission of the graduate adviser. Students must select Plan A (Thesis) and give a public oral defense of the thesis. A thesis normally takes one year to complete and is done under the direction of a thesis adviser.

Changes: Number of required units was increased from 30 to 31 by including the new one-unit course *Mathematics 720. Mathematics 636; 630 or 668; 693A or 693B; 797* changed from elective courses to required.

3. Change in subprogram.

Mathematics

**Master of Science Degree in Applied Mathematics
with an Emphasis in Concentration in Dynamical Systems
(Major Code: 17031) (SIMS Code: 776316)**

This concentration focuses on interdisciplinary applications of dynamical systems and nonlinear modeling in biology, chemistry, engineering, and physics. Students with interests in modeling and analyzing real life problems through mathematics will benefit from this concentration. To enter the program, students must possess a bachelor's degree with a strong mathematical background; furthermore, the admission requirements for the Master of Science degree in applied mathematics also apply with the exception that only one semester of mathematical analysis/advanced calculus (Mathematics 330) is required. In addition to satisfying the requirements of the Master of Science Degree in Applied Mathematics, students pursuing this concentration must complete Mathematics 538; 531 or 537 or 638; 636; 630 or 668; 693A or 693B; 720 (1 unit), 797 (3 units), and 799A. The remaining units must consist of 500- or 600-level courses in mathematics or in a related area, selected with the approval of the program adviser (possible elective courses include Mathematics 542, 543, 635, 639, 693A, 693B, and Computational Science 605/Computer Science 605). Students must select Plan A (Thesis) and give a public oral defense of the thesis. A thesis normally takes one year to complete and is done under the direction of a thesis adviser. For additional information, visit <http://nlds.sdsu.edu/masters>.

Changes: Number of required units was increased from 30 to 31 by including the new one-unit course *Mathematics 780. Mathematics 630 or 668; 693A or 693B; 797* changed from elective courses to required.

4. **Change in program. (at Grad Council level-approved by GCC on 5/20/21)**

Mathematics and Statistics

Master of Science Degree in Statistics

M.S. Degree

(Major Code: 17021) (SIMS Code: 776369)

Paragraphs 1-3 (no change)

Required courses (18 units)

STAT 610	Linear Regression Models...3 with a grade of B or better
STAT 670A	Advanced Mathematical Statistics...3 with a grade of B or better
STAT 670B	Advanced Mathematical Statistics...3 with a grade of B or better
STAT 680A	Advanced Biostatistical Methods...3 with a grade of B or better
STAT 520	Applied Multivariate Analysis...3

OR

STAT 700	Data Analysis Methods...3
STAT 720	Seminar...1-3 (1 unit)
STAT 798	Special Study...1-3 (2 units)

Electives (12 units)

Nine units from statistics and biostatistics selected from the following with the approval of the graduate adviser:

STAT 672	Nonparametric Statistics...3
STAT 673	Time Series Analysis...3
STAT 676	Bayesian Statistics...3
STAT 677	Design of Experiments...3
STAT 678	Survival Analysis...3
STAT 680B	Advanced Biostatistical Methods...3
STAT 696	Selected Topics in Statistics...3
STAT 700	Data Analysis Methods...3
STAT 701	Monte Carlo Statistical Methods...3
STAT 702	Data Mining Statistical Methods...3
STAT 750	Seminar in Data Science Research...3
STAT 794	Statistical Communication in Data Science...3
STAT 795	Practicum in Statistical Consulting...3

Three additional units of graduate advisor approved 500-level or above courses offered by the Department of Mathematics and Statistics, not including Statistics 799A.

Culminating Experience (3 units)

Plan A: Statistics 799A with approval of the graduate adviser and the statistics division faculty member who will chair the thesis committee. Plan A students are also required to pass a final oral examination on the thesis, open to the public.

Plan B: Pass a written comprehensive examination and complete 3 additional units of 600- and 700- numbered statistics courses as approved by the graduate adviser. Policy and procedures for the Plan B examination are documented and available from the Department of Mathematics and Statistics.

Changes: *STAT 680A* added to required courses. *Complete Statistics 610, 670A, 670B with no grade less than B in each course* added to required courses. *Complete nine units of courses in statistics and biostatistics, selected from the following with the approval of the graduate adviser in statistics: Statistics 672, 673, 676, 677, 678, 680A, 680B, 696, 700, 701, 702, 750, 794, 795* changed to what is presented above.

5. **Change in program. (at Grad Council level-approved by GCC on 5/20/21)**

Mathematics and Statistics

Master of Science Degree in Statistics with Concentration in Biostatistics

M.S. Degree

(Major Code: 17021) (SIMS Code: 776370)

Paragraphs 1-3 (no change)

Required Courses (21 units)

STAT 610	Linear Regression Models...3 with a grade of B or better
STAT 670A	Advanced Mathematical Statistics...3 with a grade of B or better

STAT 670B	Advanced Mathematical Statistics...3 with a grade of B or better
STAT 680A	Advanced Biostatistical Methods...3
STAT 680B	Advanced Biostatistical Methods...3 with a grade of B or better
STAT 520	Applied Multivariate Analysis...3
OR	
STAT 700	Data Analysis Methods...3
STAT 720	Seminar...1-3 (1 unit)
STAT 798	Special Study...1-3 (2 units)

Electives (9 units)

Six units from biostatistics and statistics selected from the following with the approval of the graduate adviser:

STAT 560	Sample Surveys...3
STAT 580	Statistical Computing...3
STAT 596	Advanced Topics in Statistics...1-4
STAT 672	Nonparametric Statistics...3
STAT 673	Time Series Analysis...3
STAT 676	Bayesian Statistics...3
STAT 677	Design of Experiments...3
STAT 678	Survival Analysis...3
STAT 696	Selected Topics in Statistics...3
STAT 701	Monte Carlo Statistical Methods...3
STAT 702	Data Mining Statistical Methods...3
STAT 750	Seminar in Data Science Research...3
STAT 794	Statistical Communication in Data Science...3
STAT 795	Practicum in Statistical Consulting...3

Three additional units of graduate adviser approved 500-level or above courses from a science application of biostatistics (e.g., bioscience, health science, or medical science). If the student has an undergraduate degree in an area of application of biostatistics, 500-level or above mathematical sciences courses may be substituted with the approval of the graduate adviser.

Culminating Experience (3 units)

Plan A: Statistics 799A with approval of the graduate adviser and the faculty member from the division of statistics in the Department of Mathematics and Statistics who will chair the committee. One of the other two members of the thesis committee must be a faculty member from a science of application of biostatistics (i.e., bioscience, health science, or medical science). Plan A students are also required to pass a final oral examination on the thesis, open to the public.

Plan B: Pass a written comprehensive examination and complete 3 additional units of 600- and 700- numbered statistics courses as approved by the graduate adviser. Policy and procedure for the Plan B examination are documented and available from the Department of Mathematics and Statistics.

Changes: *Complete Statistics 610, 670A, 670B with no grade less than B in each course.* added to required courses. *Complete Statistics 680A, 680B with no grade less than B in each course* changed to *Complete Statistics 610, 670A, 670B, 680A with no grade less than B in each course.* *Complete Statistics 680B with no grade less than B in each course.* *Complete statistics 520 or 700* added.

MANAGEMENT INFORMATION SYSTEMS

1. Change to abbreviated title, staffing formula, title.

Management Information Systems

TIME SERIES ANAL FCST (C-4)

MIS 748. Time Series Analysis for Business Forecasting (3)

Prerequisite: *(no change)*

Remainder of description *(no change)*

MUSIC

1. Change in subprogram.

Music

Master of Music Degree with an Emphasis in Composition

M.M. Degree

SIMS Code: 665362

Paragraphs 1-2 *(no change)*

A final oral comprehensive examination is required for all Master of Music

candidates.

In addition to the requirements stated above, students must complete requirements in the specific program selected:

Composition

Core *(no change)*

Program:

Music 507 Composition Laboratory...1 (2 units)

Music 595 Stylistic Composition in Contemporary Media...2

Three additional units from

Music 613 Seminar in Music Theory... 3

Music 651 Advanced Performance Studies...1-3 (8 units)

AND

Music 767 Graduate Recital...3

At least three additional units from

Music 560 Music and Visual Media...3

Music 561 Area Studies: Ethnomusicology...3

OR

Music 614 Seminar in Music Theory: Conceptual Analysis of the Jazz Idiom...3

Changes: *Music 595* added. Reshuffling of electives and units also results in adding 1 unit of Composition Lab: Music 507, for a total of 2 units. Added 8 units of *MUSIC 651*.

NURSING

1. Change to abbreviated title, description, needs met by course, title.

Nursing

THEOR/RESRCH BAS ADV NURS

NURS 604A. Theoretical and Research Basis of Advanced Nursing Practice (3)

Integration, evaluation, and use of theory and quantitative & qualitative research analysis, design, ethics, and measurement are covered. Development of scholarly skills for healthcare research and application for practice.

Changes: Abbreviated title changed from *THEOR & RESRCH BAS NRSI* to what is presented above. Description changed from *Integration of theory and research in nursing. Focus on theory development, testing, and evaluation. Research process in nursing including design, analysis, and utilization for professional nursing practice to what is presented above. Satisfies Degree/Major. Title changed from Theoretical and Research Bases of Nursing I* to what is presented above.

2. Change to abbreviated title, description, needs met by course, title.

Nursing

ISSUES/POLICY IN HLTHCARE

NURS 608. Issues and Policies in Healthcare (3)

Explores evolving health care issues and policies through analysis of ethical and political perspectives. The responsibility of healthcare professionals as advocates for patients, populations, and self.

Change: Abbreviated title changed from *NRSING IN HEALTH CARE SYS* to what is presented above. Description changed from *Nursing in a changing health care delivery system. Organizational, economic, political, and professional concepts relevant to design and delivery of nursing care* to what is presented above. Satisfies Degree/Major. Title change from *Nursing in the Health Care System* to what is presented above.

3. Change to abbreviated title, description, needs met by course, title.

Nursing

ADV PATHOPHYS ADULT/GERO

NURS 610. Advanced Pathophysiology in Adult and Geriatric Populations (3)

Prerequisite (*no change*)

Concepts of advanced physiologic alterations associated with acute and chronic illnesses in the adult and geriatric populations as a basis for disease prevention, illness, and management.

Changes: Abbreviated title changed from *PATHOPHYS ADULTS & ELDER* to what is presented above. Description changed from *Physiologic alterations associated with acute and chronic illness in adults and the elderly as a basis for primary prevention and medical and nursing interventions* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Title changed from *Pathophysiology in Adults and the Elderly* to what is presented above.

4. Change to abbreviated title, description, needs met by course, title.

Nursing

FOUNDATIONS NURS LDRSHIP

NURS 620. Foundations of Nursing Leadership (3)

Leadership concepts and theories with a focus on change, communication, innovation and building collaborative relationships across nursing and organizational systems. The development of self for professional leadership roles.

Changes: Abbreviated title changed from *FOUND NURS ADMIN PRACTICE* to what is presented above. Description changed from *Analysis of communication concepts appropriate to a variety of complex nursing and health care delivery systems* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Title changed from *Foundations of Nursing Administration Practice* to what is presented above.

5. Change to abbreviated title, description, needs met by course, title.

Nursing

PI & EBP IN HLTHCARE

NURS 622. Process Improvement and Evidence Based Practice in Healthcare (3)

Theory, methods, and tools of process improvement and evidence-based practice within healthcare organizations. Accreditation standards, professional standards, and organizational assessment programs are applied to healthcare settings. Performance excellence within systems thinking.

Changes: Abbreviated title changed from *QUAL & PROG EVAL NSG SYST* to what is presented above. Description changed from *Evaluation theories and concepts within a nursing care delivery system and health care organization. Concepts of quality management, consistent with accreditation criteria and professional standards of practice* to what is presented above. Satisfies *Degree/Major*. Title changed from *Quality Improvement and Program Evaluation in Nursing Systems Organizations* to what is presented above.

6. Change to abbreviated title, description, needs met by course, title.

Nursing

HLTHCARE SYST & PERS MGMT

NURS 624. Healthcare Systems and Personnel Management (3)

Concepts, strategies, and tactics related to personnel issues in healthcare organizations, including recruiting, hiring, orienting, retaining, evaluating, coaching, counseling, and terminating employees. The development of relationships and trust across the healthcare system.

Changes: Abbreviated title changed from *NURS CARE* to what is presented above. Description changed from *Issues related to personnel resources, staff development, staff utilization and collective bargaining in health care agencies and nursing care systems* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Title changed from *Nursing Care Systems and Personnel Management* to what is presented above.

7. Change to abbreviated title, description, needs met by course, prerequisite, title.

Nursing

APN: NP PRIMARY CARE I

NURS 654. Advanced Practice Nursing for Adult and Geriatric Populations: Nurse Practitioner Primary Care I (3)

Prerequisites: Nursing 501, Nursing, 501L, Nursing 610, Nursing 658. Credit or concurrent registration in Nursing 655.

Primary care management of adult and geriatric populations. The role of the nurse practitioner in health promotion. Prevention and treatment of acute and chronic illness in primary care and specialized settings.

Changes: Abbreviated title changed from *APN: PRIMARY CARE I* to what is presented above. Description changed from *Primary care management of adults and elderly with acute and chronic health problems. Role of advanced practice nursing in health promotion and treatment of illness in primary care and specialized settings* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Prerequisites changed from *Nursing 501, Nursing 501L, Nursing 604A, Nursing 610, Nursing 658, Nursing 684. Concurrent registration in Nursing 655* to what is presented above. Title changed from *Advanced Practice Nursing: Primary Care I* to what is presented above.

8. Change to description, needs met by course, title.

Nursing

NURS 655. Advanced Practice Nursing for Adult and Geriatric Populations: Primary Care Practicum I (6)

Prerequisite (*no change*)

Supervised clinical experiences in diverse clinical settings providing primary and specialized care to adults and geriatric populations with an interprofessional team.

Changes: Description changed from *Supervised clinical experiences providing primary care to adults and elderly in diverse clinical settings* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Title changed from *Advanced Practice Nursing: Primary Care Practicum I* to what is presented above.

9. Change to abbreviated title, description, needs met by course, title.

Nursing

APN: NP PRIMARY CARE II

NURS 656. Advanced Practice Nursing for Adult and Geriatric Populations: Nurse Practitioner Primary Care II (3)

Prerequisite (*no change*)

Advanced role development for the Nurse Practitioner in primary care health promotion and management of acute and chronic illness. The integration of clinical expertise in managing comprehensive health of adult and geriatric populations.

Changes: Abbreviated title changed from *APN: PRIMARY CARE II* to what is presented above. Description changed from *Primary care management of adults and elderly with acute and chronic health problems. Contemporary role and psychosocial issues in advanced practice nursing of adults and elderly* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Title changed from *Advanced Practice Nursing: Primary Care II* to what is presented above.

10. Change to description, needs met by course, title.

Nursing

NURS 657. Advanced Practice Nursing for Adult and Geriatric Populations: Primary Care Practicum II (6)

Prerequisite (*no change*)

Supervised advanced clinical experiences in the nurse practitioner role within a diverse clinical setting providing primary and specialized care to adults and geriatric populations with an interprofessional team.

Changes: Description changed from *Supervised clinical experiences providing primary care to adults and elderly in diverse clinical settings* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Title changed from *Advanced Practice Nursing: Primary Care Practicum II* to what is presented above.

11. Change to description, needs met by course.

Nursing

NURS 658. Clinical Pharmacology for Advanced Practice Nursing (3)

Prerequisite (*no change*)

Knowledge and skills in pharmacology for advanced practice nursing in clinical settings. Emphasis on factors affecting drug therapy, including selection. Parameters for

monitoring drug effectiveness. Rationale for continuing, modifying or discontinuing pharmacologic therapy.

Changes: Description changed from *Pharmacologic knowledge and skills needed to manage drug therapy in various clinical settings. Emphasis on factors affecting drug selection; parameters to be monitored to determine drug effectiveness; rationale for continuing, modifying or discontinuing drug therapy* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*.

12. Change to abbreviated title, course hours, description, needs met by course, staffing formula, title, units.

Nursing

CLIN INFO SYS HLTHCR PRAC (C-4)

NURS 684. Clinical Information Systems for Healthcare Practice (3)

Clinical information systems and information management theory and tools within healthcare organizations. The role of clinicians in a digitized healthcare environment.

Changes: Abbreviated title changed from *INFO SYSTEMS FOR NURSING* to what is presented above. Course hours description removed. Description changed from *Information systems and information management in all aspects of nursing practice including client care, administration, research and education. Ethics of computer use and influence of information technology on client care. User skills* to what is presented above. Satisfies *Degree/Major*. Staffing formula changed from *two units of C-4 and one unit of C-15* to what is presented above.

13. Change to abbreviated title, description, needs met by course, prerequisite, title.

Nursing

HLTHCARE LDRSHP PRACT

NURS 724. Healthcare Leadership Practicum (3)

Observation and guided administrative experience specific to the role and function of the healthcare leader. The application of leadership concepts and principles within the contexts of healthcare.

Changes: Abbreviated title changed from *NURS SYST ADMIN PRACTICUM* to what is presented above. Description changed from *Provides observation and guided administrative experience specific to the role and function of the first level nurse manager in a selected health care system. Needs and individual objectives of the student are integrated into the experience* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. *Nursing 622 and concurrent registration in Nursing 624* removed as prerequisites. Title changed from *Nursing Systems Administration Practicum* to what is presented above.

14. Change to abbreviated title, description, needs met by course, prerequisite, title.

Nursing

HEALTHCARE FINANCE

NURS 725. Healthcare Finance (3)

Healthcare budget planning, economics, financial analysis, and management skills in the current healthcare systems. The development of business analytical skills.

Changes: Abbreviated title changed from *FIN MGMT HEALTH SYSTEMS* to what is presented above. Description changed from *Health care economics, budget planning and management skills and financial analysis skills necessary to facilitate management decision making and writing business plans* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization. Nursing 620 or Public Health 641 or Public Health 650* removed as prerequisites. Title changed from *Financial Management in Health Systems* to what is presented above.

15. Change to abbreviated title, description, needs met by course, title.

Nursing

AVC HTHCR LEADSHP PRAC

NURS 726. Advanced Healthcare Leadership Practicum (3)

Prerequisite (*no change*)

Advanced observation and guided administrative experience specific to the role and function of the healthcare leader. The application of advanced leadership principles and concepts within the contexts of healthcare.

Changes: Abbreviated title changed from *ADV NURS SYS ADMIN* to what is presented above. Description changed from *Provides observation and guided administrative experience specific to the role and function of the executive level manager in a selected health care system. Individual needs and objectives of the student are integrated into the experience* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Title changed from *Advanced Nursing Systems Administration Practicum* to what is presented above.

16. Change to abbreviated title, description, needs met by course, title.

Nursing

CNS ADULT/GERO ACUTE/CRIT

NURS 751. Clinical Nurse Specialist for Adult and Geriatric Populations in Acute and Critical Care (3)

Prerequisite (*no change*)

Advanced practice nursing role as a Clinical Nurse Specialist (CNS) in the acute/critical care settings. The impact of the CNS on patient outcomes within the three spheres of CNS practice: Patient, Nurse, and Organization.

Changes: Abbreviated title changed from *APN: ACUTE/CRIT CARE TH&TE* to what is presented above. Description changed from *Role of advanced practice nurse in acute/critical*

care settings. Problems and interventions with acutely and critically ill adults and elderly. Emphasis on research-based interventions, psychosocial responses, standards of practice, expanding technologies, and continuation of care to the home to what is presented above. Satisfies Degree/Major, Concentration/Emphasis/Specialization. Title changed from Advanced Practice Nursing: Acute/Critical Care Theory and Technology to what is presented above.

17. Change to abbreviated title, course hours, description, needs met by course, title, units.

Nursing

CNS ACUTE/CRIT CARE PRAC

NURS 753. Clinical Nurse Specialist for Adult and Geriatric Populations in Acute and Critical Care Practicum (6)

Prerequisite (*no change*)

Supervised clinical practicum focused on the advanced practice nursing role as an Adult-Gerontology Clinical Nurse Specialist (CNS) in acute/critical care settings. Impact of the CNS on patient outcomes within the three spheres of CNS practice: Patient, Nurse and Organization.

Changes: Abbreviated title changed from *APN: ACUTE CRIT CARE PRAC* to what is presented above. Course hours changed from *nine hours of laboratory* to *eighteen*. Description changed from *Care management activities of acute and critical care advanced practice nurse: research-based care of select adult and elderly clients and families; consultation in coordination of client care; interdisciplinary collaboration; evaluation of care based on standards of practice. Maximum credit six units applicable to a master's degree* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Title changed from *Advanced Practice Nursing: Acute and Critical Care Practicum* to what is presented above. Units changed from *three* to *six*.

18. Change in subprogram.

Nursing

Master of Science Degree in Nursing with an Emphasis in Nursing Leadership in Health Care Systems Concentration

M.S. Degree

Major Code: 12032

SIMS Code: 554645

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree, as described in Part Four of this bulletin, the student must complete an officially approved 36-52 unit course of study. The program includes:

Twelve units of core courses to include

NURS 604A Theoretical and Research Basis of Advanced Nursing Practice...3

NURS 608 Issues and Policies in Healthcare...3

NURS 622 Process Improvement and Evidence Based Practice in Healthcare...3

NURS 684 Clinical Information Systems for Healthcare Practice...3
 A minimum of 18-37 units of graduate courses in the area of concentration or specialization.

Zero to three units of electives.

Nursing 799A, Thesis, OR Plan B Option, Comprehensive Examination, Nursing 798 (see below).

Students in all concentrations may choose between Plan A, Thesis or Project, or Plan B, Comprehensive Examination or Comprehensive Evidence-based change project. The choice of Plan A or Plan B should be made early in the program. Students should consult with the concentration chair for current policies. Up to 12 semester units may be accepted in transfer from an accredited School of Nursing.

Nursing Leadership in Health Care Systems Concentration

Required courses for the Master of Science degree with a concentration in nursing leadership in health care systems are as follows:

NURS 604A Theoretical and Research Basis of Advanced Nursing Practice...3

NURS 608 Issues and Policies in Healthcare (3)

NURS 622 Process Improvement and Evidence Based Practice in Healthcare...3

NURS 684 Clinical Information Systems for Healthcare Practice...3

Area of Concentration Courses

NURS 620 Foundations of Nursing Leadership...3

NURS 624 Healthcare Systems and Personnel Management...3

NURS 724 Healthcare Leadership Practicum...3

NURS 725 Healthcare Finance...3

NURS 726 Advanced Healthcare Leadership Practicum...3

NURS 797 Research...3

Three elective units selected with the approval of the concentration chair...3

NURS 798 Special study...3 (Plan B)

OR

NURS 799A Thesis...3 (Cr/NC/RP) (Plan A)

Changes: Deactivation of *NURS 604B* and augmentation of units in *NURS 684* from 2 to 3. Changes reflect new titles of Nursing courses. Elective units changed from zero to six to zero to three. Units changed from 37-58 to 36-52. 10 units of core courses changed to 12 units. Minimum concentration courses changed from 18-45 units to 18-37.

19. Change in subprogram.

Nursing

Master of Science Degree in Nursing with an Emphasis in Specialization in Acute/Critical Care Nursing (Nurse Practitioner and Clinical Nurse Specialist Preparation)

M.S. Degree

(Major Code: 12032) (SIMS Code: 554630)

All graduates meet requirements for nurse practitioner and clinical nurse specialist certification in California and are eligible to sit for the national Adult-Gerontology Primary Care Practitioner Certification and Adult-Gerontology Acute Care Clinical Nurse Specialist Certification.

Required courses for the Master of Science degree with a concentration in advanced practice nursing of adults and the elderly and a specialization in acute/critical care nursing are as follows:

NURS 604A Theoretical and Research Basis of Advanced Nursing Practice...3
 NURS 608 Issues and Policies in Healthcare...3
 NURS 622 Process Improvement and Evidence Based Practice in Healthcare...3

NURS 684 Clinical Information Systems for Healthcare Practice...3

Advanced Practice Nursing of Adults and the Elderly Concentration Courses

NURS 501 Advanced Health Assessment and Health Promotion ... 3

NURS 501L Advanced Health Assessment and Health Promotion Laboratory...1

NURS 610 Advanced Pathophysiology in Adult and Geriatric Populations... 3

NURS 654 Advanced Practice Nursing for Adult and Geriatric Populations: Nurse Practitioner Primary Care I ... 3

NURS 655 Advanced Practice Nursing for Adult and Geriatric Populations: Primary Care Practicum I... 6

NURS 656 Advanced Practice Nursing for Adult and Geriatric Populations: Nurse Practitioner Primary Care II...3

NURS 657 Advanced Practice Nursing for Adult and Geriatric Populations: Primary Care Practicum II...6

NURS 658 Clinical Pharmacology for Advanced Practice Nursing...3

NURS 798 Special study...1 (Plan B)

OR

NURS 799A Thesis...3 (Cr/NC/RP) (Plan A)

Specialization Courses

NURS 751 Clinical Nurse Specialist for Adult and Geriatric Populations in Acute and Critical Care...3

NURS 753 Clinical Nurse Specialist for Adult and Geriatric Populations in Acute and Critical Care Practicum...3

Total Units: 50-52

Changes: Deactivation of *NURS 604B* and augmentation of units in *NURS 684* from 2 to 3. Changes reflect new titles of Nursing courses. Units changed from 50 to 50-52. *NURS 753* changed from *three* to *six* units. *NURS 798* changed from *three* to *one* unit.

WOMEN'S STUDIES

1. Change to course statement, description, max repeatability, needs met by course, title, variable title.

Women's Studies

WMNST 603. Seminar: Topics in Advanced Feminist Theory (3)

Prerequisite: *(no change)*

Variable topics in the analysis of categories of contemporary feminist theory including concepts of identity and difference; theories of subjectivity; feminist discourses, strategies, and practices.

May be repeated with new content. See Class Schedule for specific content.

Maximum credit six units.

Changes: *May be repeated with new content. See Class Schedule for specific content.* Maximum credit six units added to course statement. Description changed from *Analysis of categories of contemporary feminist theory including concepts of identity and difference; theories of subjectivity; feminist discourses, strategies, and practices* to what is presented above. Satisfies *Degree/Major*. Title changed from *Seminar: Advanced Feminist Theory* to what is presented above. Course is now a Variable Title.

2. Change to course statement, description, max repeatability, needs met by course, title, variable title.

Women's Studies

WMNST 609. Seminar: Topics in Transnational Issues and Gender (3)

Prerequisite: *(no change)*

Variable topics in global trends in culture, economy, and politics with focus on women's lives. Case studies of effect of transnational processes on women and role of gender in shaping these processes.

May be repeated with new content. See Class Schedule for specific content.

Maximum credit six units.

Changes: *May be repeated with new content. See Class Schedule for specific content.* Maximum credit six units added to course statement. Description changed from *Globalization of economy, culture, and politics with focus on women's lives. Case studies of effect of transnational processes on women and role of gender in shaping these processes* to what is presented above. Satisfies *Degree/Major*. Title changed from *Seminar: Transnational Issues and Gender* to what is presented above. Course is now a Variable Title.

3. Change to abbreviated title, description, grading method, title.

Women's Studies

PROSEMINAR/WRITING

WMNST 692. Proseminar and Writing Workshop (1) (Cr/NC)

Prerequisite: *(no change)*

Argument, norms, and styles in academic writing. Professional norms and skills. Maximum credit three units.

Changes: Abbreviated title changed from *WRITING WORKSHOP* to what is presented above. Description changed from *Argument, norms, and styles in academic writing*.

Maximum credit three units to what is presented above. Grading method changed to *Cr/NC*.
Title changed from *Writing Workshop* to what is presented above.

Report prepared and respectfully submitted by Curriculum Services on behalf of the Graduate Curriculum Committee.

To: Senate Executive Committee/Senate
 From: Graduate Council
 Date: September 2021
 Re: 2022-2023 *University Catalog*

INFORMATION (31-09-21.500)

BIOLOGY

1. Change to course hours, needs met by course, units.

Biology

TERRESTRIAL ARTHROPODS (C-4 two units) (C-16 one unit)

BIOL 526. Terrestrial Arthropod Biology (3)

Two lectures and three hours of laboratory.

Prerequisites: Biology 203, Biology 203L, Biology 204, Biology 204L, Biology 352. Recommended: Completion of three to six upper division units in the major.

General Text: Writing Requirement: Completion of the Graduation Writing Assessment Requirement or the eligibility to enroll in an upper division writing course is a prerequisite for all upper division biology courses numbered 450 and above.

Behavior, ecology, evolution, function, relationships, and structure of major groups of terrestrial arthropods, including arachnids, insects, and myriapods. Identification and natural history of southern California diversity.

Changes: Course hours changed from *Two lectures and six hours of laboratory* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization, Minor* Units changed from *two units of C-4* and *two units of C-16* to what is presented above.

ELECTRICAL ENGINEERING

1. Change to prerequisites.

Electrical Engineering

E E 503. Biomedical Instrumentation (3)

Prerequisites: Electrical Engineering 410 and Electrical Engineering 430 (or for Mechanical Engineering majors, Electrical Engineering 204, Mechanical Engineering 330, and Aerospace Engineering 280 with a grade of C- (1.7) or better).

Remainder of description (*no change*)

Changes: Aerospace Engineering 280 is now required for Mechanical Engineering majors only.

JOURNALISM AND MEDIA STUDIES

1. Change to needs met by course and prerequisites.

Journalism and Media Studies

JMS 560. Advertising Research (3)

Prerequisites: Journalism and Media Studies 310W, 315, 460, 462 with a grade of C (2.0) or better in each course. Admission to advertising emphasis, Major Code: 06041. Proof of completion of prerequisites required: Copy of transcript.

Remainder of description (no change)

Change(s): Satisfies Degree/Major. Prerequisites changed from *Journalism and Media Studies 310W, 460, 462 with a grade of C (2.0) or better in each course. Admission to advertising emphasis, Major Code: 06041. Proof of completion of prerequisites required: Copy of transcript* to what is presented above.

2. Change to needs met by course and prerequisites.

Journalism and Media Studies

JMS 562. Advertising Creative Development (3)

Prerequisites: Journalism and Media Studies 310W, 315, 460, 462 with a grade of C (2.0) or better in each course. Admission to advertising emphasis, Major Code: 06041.

Remainder of description (no change)

Change(s): Satisfies Degree/Major. Prerequisites changed from *Journalism and Media Studies 310W, 460, 462 with a grade of C (2.0) or better in each course. Admission to advertising emphasis, Major Code: 06041. Proof of completion of prerequisites required: Copy of transcript* to what is presented above.

3. Change to needs met by course and prerequisites.

Journalism and Media Studies

JMS 581. Applied Research in Public Relations (3)

Prerequisites: Journalism and Media Studies 310W, 315, 480, 489 with a grade of C (2.0) or better in each course. Admission to Public Relations emphasis, Major Code: 05992. Proof of completion of prerequisites required: Copy of transcript.

Remainder of description (no change)

Change(s): Satisfies Degree/Major. Prerequisites changed from *Journalism and Media Studies 310W, 480, 489 with a grade of C (2.0) or better in each course. Admission to public relations emphasis, Major Code: 05992. Proof of completion of prerequisites required: Copy of transcript* to what is presented above.

LEARNING DESIGN AND TECHNOLOGY

1. Change to description, needs met by course, and title.

Learning Design And Technology

ACTIVE LRNG TECH

LDT 572. Active Learning Strategies with Technology (3)

Prerequisite: Learning Design And Technology 540.

Use of technology to support designing and managing instructor-led courses.

Topics include building interactive activities, creating flipped videos and screencasts, developing online instruction that supports learners using Universal Design for Learning strategies, and harnessing the power of a learning management system.

Change(s): Description changed from *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* to what is presented above. Satisfies Degree/Major/Concentration/Emphasis/Specialization. Title changed from *Managing the Technology-Rich Classroom* to what is presented above.

MATHEMATICS

1. Change to needs met by course and prerequisites.

Mathematics

MATH 522. Number Theory (3)

Prerequisites: Mathematics 245 and 254 with a grade of C (2.0) or better in each course.

Reminder of description (no change)

Change(s): Satisfies Degree, Concentration/Emphasis/Specialization, Minor.

Prerequisites changed from *Mathematics 245 with a minimum grade of C (2.0) or better* to what is presented above.

2. Course deactivation.

Mathematics

MATH 523. Mathematical Logic (3)

Prerequisite: Mathematics 245 with a grade of C (2.0) or better.

Propositional logic and predicate calculus. Rules of proof and models.

Completeness and the undecidability of arithmetic. Not open to students with credit in Philosophy 521. Proof of completion of prerequisites required for all upper division courses: Copy of transcript.

Changes: Course deactivation.

3. Change to prerequisites.

Mathematics

MATH 531. Partial Differential Equations (3)

Prerequisites: Mathematics 252; and either 237, or 342A, or Aerospace Engineering 280 with a grade of C (2.0) or better in each course.

Remainder of description (no change)

Change(s): Prerequisites changed from *Mathematics 252 and 337 with a grade of C (2.0) or better in each course* to what is presented above.

4. Course deactivation.

Mathematics

MATH 533. Vector Calculus (3)

Prerequisite(s): Mathematics 254 or 342A with a grade of C (2.0) or better.

Scalar and vector fields; gradient, divergence, curl, line and surface integrals: Green's, Stokes' and divergence theorems. Green's identities. Applications to potential theory or fluid mechanics or electromagnetism. Proof of completion of prerequisites required for all upper division courses: Copy of transcript.

Changes: Course deactivation.

5. Change to prerequisites.

Mathematics

MATH 537. Ordinary Differential Equations (3)

Prerequisites: Mathematics 237, or 330, or Aerospace Engineering 280 with a grade of C (2.0) or better.

Remainder of description (no change)

Change(s): Prerequisites changed from *Graduate standing or Mathematics 330 or 337 with a grade of C (2.0) or better* to what is presented above.

6. Change to prerequisites.

Mathematics

MATH 538. Discrete Dynamical Systems and Chaos (3)

Prerequisites: Mathematics 237, or 330, or 340, or 342A, or Aerospace Engineering 280 with a grade of C (2.0) or better.

Remainder of description (no change)

Change(s): Prerequisites changed from *Aerospace Engineering 280 or Mathematics*

330 or 337 or 340 or 342A with a grade of C (2.0) or better to what is presented above.

7. Change to prerequisites.

Mathematics

MATH 542. Introduction to Computational Ordinary Differential Equations (3)

Prerequisites: Mathematics 340; and either 237, or 342A, or Aerospace Engineering 280 with a grade of C (2.0) or better in each course. Proof of completion of prerequisites required: Copy of transcript.

Remainder of description (no change)

Change(s): Prerequisites changed from *Mathematics 340; and either Mathematics 337, 342A, or Aerospace Engineering 280 with a grade of C (2.0) or better in each course. Proof of completion of prerequisites required: Copy of transcript* to what is presented above.

8. Course deactivation.

Mathematics

MATH 562. Mathematical Methods of Operations Research (3)

Prerequisite(s): Mathematics 252 and 254 with a grade of C (2.0) or better in each course.

Theory and applications concerned with optimization of linear and non-linear functions of several variables subject to constraints, including simplex algorithms, duality, applications to game theory, and descent algorithms. Proof of completion of prerequisites required for all upper division courses: Copy of transcript.

Changes: Course deactivation.

9. Change to needs met by course and prerequisites.

Mathematics

MATH 579. Combinatorics (3)

Prerequisites: Mathematics 245 and 254 with a grade of C (2.0) or better in each course.

Remainder of description (no change)

Change(s): Satisfies Degree, Concentration/Emphasis/Specialization, Minor. Prerequisites changed from *Mathematics 245 with a grade of C (2.0) or better. Proof of completion of prerequisite required: Copy of transcript* to what is presented above.

10. Change to needs met by course and prerequisites.

Mathematics

MATH 595. Mathematical Biology and Biomedicine (3)

Prerequisites: Mathematics 254; and either 237, or 342A, or Aerospace Engineering 280.

Remainder of description (no change)

Change(s): Satisfies Concentration/Emphasis/Specialization, Minor. Prerequisites changed from *Mathematics 254 and 337, or 342A, or Aerospace Engineering 280* to what is presented above.

MUSIC

1. New course.

Music

EXP MUS ENS (C-10)

MUSIC 571. Experimental Music Ensemble (1)

Ensemble exploring diverse, under-recognized elements of music-making. Performance, integrating historical and interdisciplinary study. Applied musical research through exploratory listening and musical practices. Collaborative group composition.

NURSING

1. Change to abbreviated title, description, needs met by course, title.

Nursing

ADV HLTH ASSESS LAB

NURS 501L. Advanced Health Assessment Laboratory (1)

Three hours of laboratory.

Prerequisite: *(no change)*

Laboratory experience in advanced health assessment.

Changes: Abbreviated title changed from *ADV HLTH ASSESS & PROM LAB* to what is presented above. Description changed from *Laboratory experience in advanced health assessment and health promotion. (Nursing 501 and 501L formerly numbered Nursing 500.)* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Title changed from *Advanced Health Assessment and Health Promotion Laboratory* to what is presented above.

2. Change to abbreviated title, description, needs met by course, title.

Nursing

ADV HEALTH ASSESSMENT

NURS 501. Advanced Health Assessment (3)

Prerequisite: *(no change)*

Expands knowledge and skills in physical and psychosocial assessment, differentiation of normal and pathological findings, and health promotion strategies for adult and geriatric populations

Changes: Abbreviated title changed from *ADV HLTH ASSESS & PROMOT* to what is presented above. Description changed from *Physical and psychosocial assessment techniques, health promotion strategies for select populations. (Nursing 501 and 501L formerly numbered Nursing 500.)* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization*. Title changed from *Advanced Health Assessment and Health Promotion* to what is presented above.

NUTRITION

1. Change to abbreviated title, course hours, description, prerequisites, staffing formula, title, units.

Nutrition

COMMUNITY NUTRITION (C-4)

NUTR 510. Community Nutrition (2)

Prerequisites: A grade of C (2.0) or better in Nutrition 203, Nutrition 302, Nutrition 302L, Nutrition 304.

Nutritional problems in the community with consideration of their resolution.

Changes: Abbreviated title changed from *NUTRITION EDUC & COM HLTH* to what is presented above. Course hours changed from *Two lectures and three hours of activity* to *two lectures*. Description changed from *Nutrition counseling and education. Nutritional problems in the community with consideration of their resolution. Field placement experience required* to what is presented above. Prerequisites changed from *Nutrition 203 and Nutrition 304 with a grade of C (2.0) or better in each* to what is presented above. *One unit of C-8* removed. Title changed from *Nutrition Education and Community Health* to what is presented above. Units changed from *three* to *two*.

POLITICAL SCIENCE

1. Change to prerequisite(s).

Political Science

POL S 530. Political Parties (3)

Prerequisite(s): Upper-division or graduate standing.

Remainder of description (no change)

Change(s): Prerequisites changed from Political Science 103 or 104 or Graduate standing to what is presented above.

2. Change to needs met by course and prerequisite(s).

Political Science

POL S 555. Comparative Political Systems (3)

Prerequisite(s): Upper-division or graduate standing.
 Remainder of description (no change)

Change(s): Satisfies Degree/Major/Minor. Prerequisites changed from Political Science 103 to what is presented above.

3. Change to description, needs met by course, prerequisite(s), and title.

Political Science
 COMPARATIVE CITIZENSHIP

POL S 560. Comparative Citizenship in Policy and Practice (3)

Prerequisite(s): Upper-division or graduate standing.

How different countries address issues of exclusion and membership, marginality and privilege. Policies and practice in relation to indigenous groups, migrants, and ethnic/racial minorities.

Change(s): Description changed from How political, social, and economic forces shape public policy in selected countries. Focus on policies related to minority and immigrant populations, environment, or poverty to what is presented above. Satisfies Degree/Major/Minor. Prerequisites changed from Political Science 103 or 335 to what is presented above. Title changed from Comparative Public Policy to what is presented above.

4. Change to general text, needs met by course, and prerequisite(s).

Political Science

POL S 562. Religion and Politics in Comparative Perspective (3)

Prerequisite(s): Upper-division or graduate standing.

Various types of relationships between contemporary states and religious institutions. Concepts and theories on religion and politics. Cases of state-religion interaction.

General Text: Field III: Comparative Politics.

Change(s): General text changed from Field III to what is represented above. Satisfies Degree/Major/Minor. Prerequisites changed from Political Science 103 to what is presented above.

5. Change to description, needs met by course, and prerequisite(s).

Political Science

POL S 566. Political Change in Latin America (3)

Prerequisite(s): Upper-division or graduate standing.

Latin American political systems and forces of political change, analyzed comparatively and historically, applying general concepts and theories of comparative politics.

Change(s): Description changed from General pattern of politics and political development in Latin America with an emphasis on those features which condition

domestic and foreign policy making to what is presented above. Satisfies Degree/Major/Minor. Prerequisites changed from Political Science 101 or 103 to what is presented above.

6. Change to description, needs met by course, and prerequisite(s).

Political Science

POL S 568. Mexican Politics (3)

Prerequisite(s): Upper-division or graduate standing.

Historical, institutional, and comparative analysis of Mexican politics and political change: contemporary issues, economic and foreign policy, popular movements, and the state and the party system.

Change(s): Description changed from Principal factors in Mexican governmental decision making. Ideology, political groups, tactics of leaders and governmental structure to what is presented above. Satisfies Degree/Major/Minor. Prerequisites changed from Political Science 101 or 103 to what is presented above.

7. Change to description and needs met by course.

Political Science

POL S 575. International Relations of the Pacific Rim (3)

Prerequisite(s): Political Science 362 or 375.

Conflict and cooperation among nations of the Pacific Rim; economic, historical, and political factors that shape interstate relations and regional dynamics.

Change(s): Description changed from Dynamics of conflict and cooperation among nations of the Pacific Rim. Stress on political and economic factors that shape interstate relations to what is presented above. Satisfies Degree/Major/Minor.

8. Change to description and needs met by course.

Political Science

POL S 577. Politics of International Law (3)

Prerequisite(s): *no change*

Relationship of international law to politics; contemporary and historical issues; critical and prevailing perspectives on the significance of international law and its relationship to international politics; fundamental principles of international law; major historical developments; UN Charter and other international treaties.

Change(s): Description changed from Relationship of international law to politics. Fundamental principles of international law and normative theories of international law and politics. Historical and contemporary issues to what is presented above. Satisfies Degree/Major/Minor.

PORTUGUESE

1. Change to prerequisites.

Portuguese

PORT 530. Portuguese Literature (3)

Prerequisite: Portuguese 204.

Remainder of description (no change)

Change(s): Prerequisite changed from Portuguese 311 or 312 to what is presented above.

2. Change to description, needs met by course, and title.

Portuguese

BRAZ LIT-RACE GEND NAT ID

PORT 535. Race, Gender, and National Identity in Brazilian Literature (3)

Prerequisite: Portuguese 204.

Works of Brazilian literature focused on the contribution of racial interactions (Afro-Brazilian, indigenous, white) and gender dynamics to the definition of Brazilian national identity.

Remainder of description (no change)

Change(s): Description changed from Important movements, authors, and works of the literature of Brazil from the colonial period to modern times to what is presented above. Satisfies Degree/Major/Minor. Title changed from Brazilian Literature to what is presented above.

3. Change to prerequisite(s).

Portuguese

PORT 540. Luso-Brazilian Literature (3)

Prerequisite: Portuguese 204.

Remainder of description (no change)

Change(s): Prerequisite changed from Portuguese 311 and/or 312 to what is presented above.

SOCIOLOGY

1. Change to description.

Sociology

SOC 531. Working and Society (3)

Prerequisite: *no change*

Change in structure of work, nationally and internationally. Discussion of how citizenship status, gender, gender identity, and race intersect with work experiences, conditions and structures. Focus on labor rights and the role of unions.

Changes: Description changed from *Structure and change in labor force nationally and internationally. Social drama of work; self, roles, conflict, subcultures. Includes*

exploration of student work experiences, workers in the community, literacy and film depictions of work worlds to what is presented above.

SPANISH

1. Change to needs met by course and prerequisite(s).
Spanish
SPAN 561. Methods in Teaching Spanish as a Second Language (3)
Prerequisites: Spanish 350 or Spanish 448. Students in the Master of Arts degree in Spanish program may not use this course toward their program of study.
Remainder of description (no change)

Change(s): Satisfies Degree/Major/Minor. Prerequisites changed from Spanish 350 or Spanish 448 to what is presented above.

2. Change to needs met by course and prerequisite(s).
Spanish
SPAN 594A. Consecutive English/Spanish Interpretation (3)
Prerequisites: Spanish 350 or Spanish 391. Students in the Master of Arts degree in Spanish program may not use this course toward their program of study.
Remainder of description (no change)

Change(s): Satisfies Degree/Major/Minor. Prerequisites changed from Spanish 350 or Spanish 391 to what is presented above.

3. Change to needs met by course and prerequisite(s).
Spanish
SPAN 594B. Simultaneous English/Spanish Interpretation (3)
Prerequisites: Spanish 594A with a grade of B (3.0) or better. Students in the Master of Arts degree in Spanish program may not use this course toward their program of study.
Remainder of description (no change)

Change(s): Satisfies Degree/Major/Minor. Prerequisites changed from Spanish 594A with a grade of B (3.0) or better to what is presented above.

THEATRE

1. Change to abbreviated title, course statement, description, max repeat units, needs met by course, suffix, title.

Theatre

THEORY & STYLE ACT&DIR (C-4)

THEA 533. Theory and Styles in Acting and Directing (3)

Prerequisites: Theatre 332, and either Theatre 320A or Theatre 355.

Acting and directing challenges in theory and style related to the production of plays from great periods in theatre history, with attention to characterization, creative directing, dramatic values, and production approaches. Maximum credit nine units.

Formerly numbered Theatre 533A.

Changes: Abbreviated title changed from *THEORY & STYLE ACT&DIR I* to what is presented above. *Formerly numbered Theatre 533A* added to course statement. Description changed from *Acting and directing challenges in theory and style related to the production of plays from great periods in theatre history, with attention to characterization, dramatic values, creative directing, and production approaches* to what is presented above. Satisfies *Concentration/Emphasis/Specialization*. Suffix *A* removed. Title changed from *Theory and Styles in Acting and Directing I and II* to what is presented above.

Report prepared and respectfully submitted by Curriculum Services on behalf of the Undergraduate and Graduate Curriculum Committees.

TO: Senate Executive Committee / Senate

FROM: Steven L. Barbone, Chair
Undergraduate Curriculum Committee

DATE: September 2021

RE: 2022-2023 *University Catalog*

INFORMATION (51-09-21)

AEROSPACE ENGINEERING

1. Change to prerequisites.

Aerospace Engineering

A E 302. High Speed Aerodynamics

Prerequisites: Credit or concurrent registration in Aerospace Engineering 301 and Aerospace Engineering 340.

Remainder of description (*no change*)

Changes: Prerequisite changed from Aerospace Engineering 301 to what is presented above.

2. Change to prerequisite.

Aerospace Engineering

A E 410. Aerospace Structural Dynamics

Prerequisite: Aerospace Engineering 310.

Remainder of description (*no change*)

Change: Aerospace Engineering 310 changed from a corequisite to a prerequisite.

AEROSPACE STUDIES

1. Course deactivation.

Aerospace Studies

LEADERSHIP LABORATORY

A S 92A. Leadership Laboratory (1)

Prerequisite: Concurrent registration in Aerospace Studies 200A.

Designed to prepare junior cadets for positions as leaders and managers of the cadet corps and a commission in the US Air Force. Application of principles of motivation, time management, organizational behavior, and participative group management in solving problems. Leadership laboratory is open to students who are members of the

Reserve Officer Training Corps or who are eligible to pursue a commission as determined by the professor of aerospace studies. Credit earned in this course is not applicable to a bachelor's degree.

2. Course deactivation.

Aerospace Studies

LEADERSHIP LABORATORY

A S 92B. Leadership Laboratory (1)

Prerequisite: Concurrent registration in Aerospace Studies 200B.

Designed to prepare junior cadets for positions as leaders and managers of the cadet corps and a commission in the US Air Force. Application of principles of motivation, time management, organizational behavior, and participative group management in solving problems. Leadership laboratory is open to students who are members of the Reserve Officer Training Corps or who are eligible to pursue a commission as determined by the professor of aerospace studies. Credit earned in this course is not applicable to a bachelor's degree.

3. Course deactivation.

Aerospace Studies

LEADERSHIP LABORATORY

A S 93A. Leadership Laboratory (1)

Prerequisite: Concurrent registration in Aerospace Studies 300A.

Demonstration laboratory designed to develop leadership and management skills, problem-solving skills, and exercise group planning, organizing and coordinating activities. Leadership laboratory is open to students who are members of the Reserve Officer Training Corps or who are eligible to pursue a commission as determined by the professor of aerospace studies. Credit earned in this course is not applicable to a bachelor's degree.

4. Course deactivation.

Aerospace Studies

LEADERSHIP LABORATORY

A S 93B. Leadership Laboratory (1)

Prerequisite: Concurrent registration in Aerospace Studies 300B.

Demonstration laboratory designed to develop leadership and management skills, problem-solving skills, and exercise group planning, organizing and coordinating activities. Leadership laboratory is open to students who are members of the Reserve Officer Training Corps or who are eligible to pursue a commission as determined by the professor of aerospace studies. Credit earned in this course is not applicable to a bachelor's degree.

5. Course deactivation.

Aerospace Studies

LEADERSHIP LABORATORY

A S 94A. Leadership Laboratory (1)

Prerequisite: Concurrent registration in Aerospace Studies 400A.

Demonstration laboratory designed to develop leadership and management skills, problem-solving skills, and exercise group planning, organizing and coordinating activities. Leadership laboratory is open to students who are members of the Reserve Officer Training Corps or who are eligible to pursue a commission as determined by the professor of aerospace studies. Credit earned in this course is not applicable to a bachelor's degree.

6. Course deactivation.

Aerospace Studies

LEADERSHIP LABORATORY

A S 94B. Leadership Laboratory (1)

Prerequisite: Concurrent registration in Aerospace Studies 400B.

Demonstration laboratory designed to develop leadership and management skills, problem-solving skills, and exercise group planning, organizing and coordinating activities. Leadership laboratory is open to students who are members of the Reserve Officer Training Corps or who are eligible to pursue a commission as determined by the professor of aerospace studies. Credit earned in this course is not applicable to a bachelor's degree.

7. Change to course hours, description, prerequisite, units.

Aerospace Studies

HERITAGE & VALUES OF USAF (C-77)

A S 100A. Heritage and Values of the United States Air Force (2)

One lecture and four hours of activity.

Prerequisite: Reserve Officer Training Corps membership, or those eligible to pursue a commission with instructor consent.

Overview of Air Force basic characteristics, missions, and organizations.

Laboratory to include applied principles of motivation, organizational behavior, participative group management in solving problems, and time management.

Changes: Course hours changed from *one lecture (C-77)* to what is presented above. Description changed from *Overview of the United States Air Force to include basic characteristics, missions, and organization* to what is presented above. Prerequisite changed from *Concurrent registration in Aerospace Studies 91A* to what is presented above. Units changed from *one* to *two*.

8. Change to course hours, description, prerequisite, units.

Aerospace Studies

HERITAGE & VALUES OF USAF (C-77)

A S 100B. Heritage and Values of the United States Air Force (2)

One lecture and four hours of activity.

Prerequisite: Reserve Officer Training Corps membership, or those eligible to pursue a commission with instructor consent.

Overview of Air Force basic characteristics, missions, and organizations. Laboratory to include applied solving problems, and time management.

Changes: Course hours changed from *one lecture (C-77)* to what is presented above. Description changed from *Overview of the United States Air Force to include basic characteristics, missions, and organization* to what is presented above. Prerequisite changed from *Concurrent registration in Aerospace Studies 91B* to what is presented above. Units changed from *one* to *two*.

9. Change to course hours, description, prerequisite, units.

Aerospace Studies

TEAM/LDRSHP FUND (C-77)

A S 200A. Team and Leadership Fundamentals (2)

One lecture and four hours of activity.

Prerequisite: Reserve Officer Training Corps membership, or those eligible to pursue a commission with instructor consent. Aerospace Studies 100A and 100B, or concurrent registration in Aerospace Studies 101A and 101B.

Lecture includes development and foundations of cadet leadership for the individual and team. Laboratory to include applied principles of motivation, organizational behavior, participative group management in solving problems, and time management.

Changes: Course hours changed from *one lecture (C-77)* to what is presented above. Description changed from *Foundations and development of cadet leadership on a personal level and within a team. Field training experiences* to what is presented above. Prerequisite changed from *Concurrent registration in Aerospace Studies 92A* to what is presented above. Units changed from *one* to *two*.

10. Change to course hours, description, prerequisite, units.

Aerospace Studies

TEAM/LDRSHP FUND (C-77)

A S 200B. Team and Leadership Fundamentals (2)

One lecture and four hours of activity.

Prerequisite: Reserve Officer Training Corps membership, or those eligible to pursue a commission with instructor consent. Aerospace Studies 100A and 100B, or concurrent registration in Aerospace Studies 101A and 101B.

Lecture includes development and foundations of cadet leadership for the individual and team. Laboratory to include applied principles of motivation, organizational behavior, participative group management in solving problems, and time management.

Changes: Course hours changed from *one lecture (C-77)* to what is presented above. Description changed from *Foundations and development of cadet leadership on a personal level*

and within a team. Field training experiences to what is presented above. Prerequisite changed from *Concurrent registration in Aerospace Studies 92B* to what is presented above. Units changed from *one* to *two*.

11. Change to abbreviated title, course hours, description, prerequisite, units.

Aerospace Studies

LEADING & EFFECTIVE COMM (C-77)

A S 300A. Leading People and Effective Communication (4)

Three lectures and four hours of activity.

Prerequisite: Reserve Officer Training Corps membership, or those eligible to pursue a commission with instructor consent. Completion of Aerospace Studies 100A and 100B, or Aerospace Studies 101A and 101B and Aerospace Studies 200A and 200B, or Aerospace Studies 201A and 201B. Coursework may be waived for prior enlisted service cadets.

Lecture includes advanced experiences and skills in communication, leadership, and management in supervised environments. Laboratory to include coordinating and organizing activities, exercise group planning, leadership development, management and problem-solving skills.

Changes: Abbreviated title changed from *LEADING & COMMUNICATION* to what is presented above. Course hours changed from *three lectures* to what is presented above. Description changed from *Advanced skills and experiences in communication, leadership, and management in supervised environments* to what is presented above. Above prerequisite added. Units changed from *three* to *four*.

12. Change to abbreviated title, course hours, description, prerequisite, units.

Aerospace Studies

LEADING & EFFECTIVE COMM (C-77)

A S 300B. Leading People and Effective Communication (4)

Three lectures and four hours of activity.

Prerequisite: Reserve Officer Training Corps membership, or those eligible to pursue a commission with instructor consent. Completion of Aerospace Studies 100A and 100B, or Aerospace Studies 101A and 101B and Aerospace Studies 200A and 200B, or Aerospace Studies 201A and 201B. Coursework may be waived for prior enlisted service cadets.

Lecture includes advanced experiences and skills in communication, leadership, and management in supervised environments. Laboratory to include coordinating and organizing activities, exercise group planning, leadership development, management and problem-solving skills.

Changes: Abbreviated title changed from *LEADING & COMMUNICATION* to what is presented above. Course hours changed from *three lectures* to what is presented above. Description changed from *Advanced skills and experiences in communication, leadership, and management in supervised environments* to what is presented above. Above prerequisite added. Units changed from *three* to *four*.

13. Change to course hours, description, prerequisite, units.

Aerospace Studies

A S 400A. National Security Affairs/Preparation for Active Duty (4)

Three lectures and four hours of activity.

Prerequisite: Reserve Officer Training Corps membership, or those eligible to pursue a commission with instructor consent. Completion of Aerospace Studies 100A and 100B, or Aerospace Studies 101A and 101B and Aerospace Studies 200A and 200B, or Aerospace Studies 201A and 201B and Aerospace Studies 300A and 300B. Coursework may be waived for prior enlisted service cadets.

Lecture includes roles of military officers in American society and complex political and social issues facing military professions. Laboratory to include coordinating and organizing activities, exercise group planning, leadership development, management and problem-solving skills.

Changes: Course hours changed from *three lectures* to what is presented above. Description changed from *Roles of military officers in American society. Complex social and political issues facing military professions. Preparation for active duty* to what is presented above. Above prerequisite added. Units changed from *three* to *four*.

14. Change to course hours, description, prerequisite, units.

Aerospace Studies

A S 400B. National Security Affairs/Preparation for Active Duty (4)

Three lectures and four hours of activity.

Prerequisite: Reserve Officer Training Corps membership, or those eligible to pursue a commission with instructor consent. Completion of Aerospace Studies 100A and 100B, or Aerospace Studies 101A and 101B and Aerospace Studies 200A and 200B, or Aerospace Studies 201A and 201B and Aerospace Studies 300A and 300B. Aerospace Studies 400A. Coursework may be waived for prior enlisted service cadets.

Lecture includes roles of military officers in American society and complex political and social issues facing military professions. Laboratory to include coordinating and organizing activities, exercise group planning, leadership development, management and problem-solving skills.

Changes: Course hours changed from *three lectures* to what is presented above. Description changed from *Roles of military officers in American society. Complex social and political issues facing military professions. Preparation for active duty* to what is presented above. Above prerequisite added. Units changed from *three* to *four*.

ARTS AND LETTERS

1. Change to minor.

Science, Technology, and Society Studies Minor
(SIMS Code: 117030)

Paragraph 1-2 (*no change*)

Required Courses

The minor in science, technology, and society studies consists of a minimum of 15 units to include:

STS 301	Concepts and Ideas in Science and Technology Studies...3
STS 590	Capstone in Science, Technology, and Society...3
HIST 514	History of Science: From Revolution to Evolution...3

OR

WMNST 382	Gender, Science, and Technology...3
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Six Units of Electives

The remaining six units of electives selected the courses listed below. At least three units of electives must be upper division.

STS 580	Science and Technology Topics in Society...3
ANTH 349	Roots of Civilizations...3
ANTH 405	Technology, Personhood, and the Body...3
COMM 540	Communicating Science in the Public Interest...3
EUROP 160	European Reflections on Science and Technology...3
HIST 102	World History Through Science and Technology...3
HUM 409	The Future...3
HUM 412	Science and the Humanities...3
JMS 312W	Media Writing for Scientists...3
LING 354	Language and Computers...3
PHIL 140	Technology and Human Behavior...3
PHIL 537	Philosophy of Science...3
REL S 363	Religion and the Sciences (D)...3
SOC 460	Technology and Society...3
WMNST 582	Feminist Science and Activism...3

Changes: *Arts and Letters 301* changed to *Science, Technology, and Society Studies 301*.
Arts and Letters 580 changed to *Science, Technology, and Society Studies 405*. *Anthropology 405* added to elective options.

CHILD AND FAMILY DEVELOPMENT

1. Change to grading method, needs met by course.

Child and Family Development

CFD 378D. Laboratory Experiences with Children & Families (1-3)

Prerequisite (*no change*)

Remainder of description (*no change*)

Change: Grading method changed from Cr/NC to a graded course. Satisfies *Degree/Major*.

COMPUTER ENGINEERING

1. Change to prerequisite grade.

Computer Engineering

COMPE 570. VLSI System Design (3)

Prerequisite: Computer Engineering 470 with a grade of C (2.0) or better.

Remainder of description (*no change*)

Change: Prerequisite changed from *Computer Engineering 470 with a grade of C- (1.7) or better* to what is presented above.

2. Change in program.

Computer Engineering

Computer Engineering, B.S.

(Major Code: 09094) (SIMS Code: 445001)

The program below describes the 120 units required for the degree.

Preparation for the Major (42 units).

COMPE 160 Introduction to Computer Programming . . . 3 (must be completed with a grade of C (2.0) or better)

COMPE 260 Data Structures and Object-Oriented Programming in C++ . . . 3 (must be completed with a grade C- (1.7) or better)

COMPE 270 Digital Systems Units . . . 3 (must be completed with a grade C- (1.7) or better)

COMPE 271 Computer Organization Units . . . 3 (must be completed with a grade C- (1.7) or better)

BIOL 100 General Biology Units . . . 3

OR

BIOL 101 World of Animals . . . 3 (but not both)

E E 200 Analytical Methods for Electrical Engineers...3 (must be completed with a grade of C (2.0) or better)

E E 210 Circuit Analysis I . . . 3 (must be completed with a grade of C (2.0) or better)

MATH 150 Calculus I . . . 4 (must be completed with a grade of C (2.0) or better)

MATH 151 Calculus II . . . 4 (must be completed with a grade of C (2.0) or better)

MATH 245 Discrete Mathematics . . . 3 (must be completed with a grade C- (1.7) or better)

MATH 254	Introduction to Linear Algebra . . . 3 (must be completed with a grade C- (1.7) or better)
PHYS 195	Principles of Physics . . . 3 (must be completed with a grade of C (2.0) or better)
PHYS 196	Principles of Physics . . . 3 (must be completed with a grade of C (2.0) or better)
PHYS 196L	Principles of Physics Laboratory . . . 1

Graduation Writing Assessment Requirement. Passing the Writing Placement Assessment with a score of 10 or completing one of the approved upper-division writing courses (W) with a grade of C (2.0) or better. See “Graduation Requirements” section for a complete listing of requirements.

Major. A minimum of 48 upper-division units to include

COMPE 361	Windows Programming . . . 3
COMPE 375	Embedded Systems Programming . . . 3
COMPE 470	Digital Circuits . . . 3
COMPE 470L	Digital Logic Laboratory . . . 1
COMPE 475	Microprocessors . . . 3
COMPE 491	Senior Design Project-A . . . 2
COMPE 492	Senior Design Project-B . . . 2
COMPE 560	Computer and Data Networks . . . 3
E E 300	Computational and Statistical Methods for Electrical Engineers . . . 3
E E 310	Circuit Analysis II . . . 3
E E 330	Fundamentals of Engineering Electronics . . . 3
E E 330L	Engineering Electronics Laboratory . . . 3
E E 410	Signals and Systems . . . 3

Four approved technical elective courses selected from computer engineering, electrical engineering, or other approved elective (12 units)

One engineering elective course (3 units)

After the enrollment in Computer Engineering at SDSU, the Computer Engineering major must take all upper-division Computer Engineering courses at SDSU unless prior approval is obtained from the department.

Master Plan. The master plan provides an advising record for computer engineering majors and should be initiated by the student with their faculty adviser during the first semester of the junior year. All students must have a master plan on file in the department prior to enrollment in Electrical Engineering 410. Changes to the master plan are permitted with the approval of the faculty adviser and the department chair.

CONSTRUCTION ENGINEERING

1. Change in program.

Construction Engineering
Construction Engineering, B.S.
(Major Code: 09254) (SIMS Code: 442010)

The program below describes 120 units required for the degree. Each course specifically listed in the program is required. In addition, the number of units specified in each elective category represents a minimum requirement.

Preparation for the Major (54 units)

CON E 101	Construction and Culture . . . 3
CON E 201	Construction Concepts and Building Codes . . . 3
CON E 215	Virtual Concepts and Building Codes . . . 3
OR	
CIV E 121	Computer Graphics for the Built Environment . . . 3
CON E 280	Construction Methods . . . 3
BIO 100	General Biology . . . 3
OR	
BIO 101	World of Animals . . . 3 (but not both)
CHEM 202	General Chemistry for Engineers . . . 4 (must be completed with a grade of C (2.0) or better)
OR	
CHEM 200	General Chemistry . . . 5 (but not both) (must be completed with a grade of C (2.0) or better)
CIV E 160	Statistical Methods for the Built Environment . . . 3
OR	
STAT 250	Statistical Principles for Civil Engineering . . . 3 (must be completed with a grade of C (2.0) or better)
CIV E 218	Surveying for Civil Engineering and Construction . . . 3
CIV E 225	Mechanics for Civil Engineers . . . 3
ECON 102	Principles of Economics . . . 3
GEOL 100	Planet Earth . . . 3
GEOL 101	Dynamics of the Earth Laboratory . . . 3
MATH 150	Calculus I . . . 4 (must be completed with a grade of C (2.0) or better)
MATH 151	Calculus II . . . 4 (must be completed with a grade of C (2.0) or better)
PHIL 101	Introduction to Philosophy . . . 3
PHYS 195	Principles of Physics . . . 3 (must be completed with a grade of C (2.0) or better)
PHYS 195L	Principles of Physics Laboratory . . . 1 (must be completed with a grade of C (2.0) or better)
PHYS 196	Principles of Physics . . . 3 (must be completed with a grade of C (2.0) or better)
PHYS 196L	Principles of Physics Laboratory . . . 3 (must be completed with a grade of C (2.0) or better)

General Education. To avoid exceeding 120 units, students with this major are encouraged to follow the GE course roadmap recommended by the program.

Graduation Writing Assessment Requirement (*no change*)

Major. A minimum of 45 upper division units to include:

CON E 301	Construction Ethics, Law, and Contracts . . . 3
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CON E 312	Mechanical and Electrical Principles for Construction...3
CON E 320	Construction Estimating 3
CON E 330	Principles of Engineering Economy ...3
CON E 340	Analysis and Design of Construction Operations ...3
CON E 401	Construction Planning and Scheduling ...3
CON E 479	Construction Materials ...3
CON E 480	Design of Temporary Structures ...3
CON E 590	Construction Management and Safety ...3
CIV E 301	Introduction to Solid Mechanics ...3
CIV E 302	Solid Mechanics Laboratory ...1
CIV E 321	Structural Analysis I ...3
CIV E 462	Geotechnical Engineering ...3
CIV E 463	Geotechnical Engineering Laboratory ... 1
CIV E 495	Capstone Design Project ... 3

Three units from Technical elective A and one unit from Technical elective B.

Technical Elective A:

CON E 520	Environmentally Conscious Construction ... 3
CIV E 421	Reinforced Concrete Design Units: 3
CIV E 465	Foundation Engineering and Earth Retaining Structures ...3
CIV E 523	Design of Light Framed Structures ... 3
CIV E 525	Design of Steel Structures ... 3
CIV E 528	Masonry Structures Design ... 3

Technical Elective B:

CON E 499	Special Study ... 1-3
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Changes: Reduction of 3 units in *Explorations in Social Sciences* GE requirements; reduction of 3 units in *Area E Lifelong Learning and Self Development*; reduction of 3 units by satisfying Cultural diversity with GE *Exploration Humanities*; *Accounting 201* removed from Preparation for Major (3 units); *Civil Engineering 220 Civil and Environmental Engineering Computer Applications* removed from preparation for major (3 units); *Physics 196 Lab* added in preparation for major (1 unit); major units changed from 44 to 45; *Technical Elective B* changed to Construction Engineering 499 (1 unit). *Three units* from *Technical Elective A* added in major, selecting from what is presented above.

CONSTRUCTION MANAGEMENT

1. Change in program.

Construction Management

Construction Management, B.S.

(Major Code: 05017) (SIMS Code: 442012)

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 for this major.

The program below describes 120 units required for the degree. Each course specifically listed in the program is required. In addition, the number of units specified in each elective category represents a minimum requirement.

Preparation for the Major (55 units)

CON E 101	Construction and Culture ... 3
CON E 102	Fundamentals of Construction Management ... 1
CON E 201	Construction Concepts and Building Codes ... 3
CON E 215	Virtual Design and Construction ... 3
CON E 240	Introduction to Construction Materials ... 3
CON E 262	Soil Mechanics ... 3
CON E 280	Construction Methods ... 3
ACCTG 201	Financial Accounting Fundamentals ... 3
BIOL 100	General Biology ... 3
OR	
GEOL 100	Planet Earth ... 3
CHEM 100	Introduction to General Chemistry with Laboratory...4 (must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC))
CIV E 218	Surveying for Civil Engineering and Construction ... 3
CIV E 225	Mechanics for Civil Engineers ... 3 (must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC))
ECON 101	Principles of Economics ... 3
OR	
ECON 102	Principles of Economics ... 3
MATH 150	Calculus I ... 4 (must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC))
PHIL 101	Introduction to Philosophy: Ethics ... 3
PHYS 180A	Fundamentals of Physics ... 3 (must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit) (Cr/NC)
PHYS 180B	Fundamentals of Physics ... 3 (must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit) (Cr/NC)
PHYS 182A	Physical Measurements Laboratory ... 1
STAT 119	Elementary Statistics for Business ... 3

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

Major. A minimum of 44 upper division units to include:

CON E 301	Construction Ethics, Law, and Contracts... 3
CON E 312	Mechanical and Electrical Principles for Construction... 3
CON E 320	Construction Estimating... 3

CON E 330	Principles of Engineering Economy... 3
CON E 340	Analysis and Design of Construction Operations ... 3
CON E 350	Construction Project Controls ... 3
CON E 400	Preconstruction Management ... 3
CON E 401	Construction Planning and Scheduling ... 3
CON E 495	Capstone Design Project... 3
CON E 590	Construction Management and Safety ... 3
B A 350	Management and Organizational Behavior ... 3
CIV E 301	Introduction to Solid Mechanics ... 3
ENV E 320	Designing Solutions for Environmental Problems ... 3

and five units of technical electives selected from the following:

Technical Electives.

Technical Elective A: two units of CON E 499 Special Study ... 1-3

Technical electives B: three units selected from the following:

CON E 520	Environmentally Conscious Construction ... 3
ACCTG 202	Managerial Accounting Fundamentals ... 3
B A 360	Introduction to Operations and Supply Chain Management... 3
FIN 331	Real Estate Principles ... 3

OR

FIN 437	Real Estate Development ... 3
MGT 352	Human Resource Management ... 3

Changes: The following GE requirements removed: *GE III. Lifelong learning and Self-development* (3 units), *GE IV. Explorations of Human Experience - Natural Sciences* (3 units), *GE IV. Explorations of Human Experience - Social and Behavioral Sciences* (3 units). Units changed from 127 to 120. Substituted *Biology 100* for *Geology 100* in the GE Natural Sciences/Major Preparation. Removed *Philosophy 332* (3 units) as a major requirement. Removed *Accounting 202* (3 units) as a major requirement and included it on the list of *Technical Electives B*. Added 2 units of *Technical Elective A* coursework (*CON E 499 Special Studies*).

ELECTRICAL ENGINEERING

1. Change in program.

Electrical Engineering
Electrical Engineering Major
With the B.S. Degree
(Major Code: 09091) (SIMS Code: 443001)

The program below describes the 120 units required for the degree. Each course specifically listed in the program is required. In addition, the total number of units specified in each elective category represents a minimum requirement. These are General Education, American Institutions, Upper Division Engineering Elective, Professional Electives, and Electrical Engineering Laboratory Electives.

Preparation for the Major (41 units)

These courses cannot be taken for credit/no credit (Cr/NC).

- E E 200 Analytical Methods for Electrical Engineers ... 3 (must be completed with a grade C- (1.7) or better)
- E E 210 Circuit Analysis I ... 3 (must be completed with a grade of C (2.0) or better)
- BIO 100 General Biology ... 3

OR

- BIO 101 World of Animals ... 3 (But not both.)
- COMP E 160 Introduction to Computer Programming ... 3 (must be completed with a grade of C (2.0) or better)
- COMP E 270 Digital Systems ... 3
- COMP E 271 Computer Organization ... 3
- MATH 150 Calculus I ... 4 (must be completed with a grade of C (2.0) or better)
- MATH 151 Calculus II ... 4 (must be completed with a grade of C (2.0) or better)
- MATH 252 Calculus III ... 4
- MATH 254 Introduction to Linear Algebra ... 3
- PHYS 195 Principles of Physics ... 3 (must be completed with a grade of C (2.0) or better)
- PHYS195L Principles of Physics Laboratory ... 1
- PHYS 196 Principles of Physics ... 3 (must be completed with a grade of C (2.0) or better)
- PHYS 196L Principles of Physics Laboratory ... 1

Graduation Writing Assessment Requirement (*no change*)

Major. A minimum of 49 upper division units to include the following required and professional elective courses. Required upper division courses in the major:

- E E 300 Computational and Statistical Methods for Electrical Engineers ... 3
- E E 310 Circuit Analysis II ... 3
- E E 330 Fundamentals of Engineering Electronics ... 3
- E E 330L Engineering Electronics Laboratory ... 1
- E E 340 Electric and Magnetic Fields ... 3
- E E 380 Electrical Energy Conversion ... 3
- E E 410 Signals and Systems... 3
- E E 420 Feedback Control Systems... 3
- E E 430 Analysis and Design of Electronic Circuits... 3
- E E 440 Electromagnetic Waves... 3
- E E 450 Digital Signal Processing ... 3
- E E 490 Senior Design Project ... 4
- COMPE 375 Embedded Systems Programming ... 3

Professional electives: Nine units selected from upper division electrical engineering courses and no more than three units from approved upper division courses from

other departments. Electrical Engineering laboratory electives: Two units selected from any non-required upper division electrical engineering laboratory courses.

Master Plan (*no change*)

Changes: Units changed from 126 to 120. *Aerospace Engineering 280* replaced with *Electrical Engineering 200*. Major units changed from 46 to 49 upper division units. In the major, Six units selected from upper division electrical engineering courses changed to nine units.

ENGLISH

1. Change to abbreviated title, description, GE fulfillment area, needs met by course, title.

English

THE ART OF LITERATURE (C-2)

ENGL 220. The Art of Literature (3) (GE)

Prerequisites: A grade of C (2.0) or better in English 100 [or Political Science 100 or Rhetoric and Writing Studies 100], or Africana Studies 120 or American Indian Studies 120 or Chicana and Chicano Studies 111B or Linguistics 100B or Rhetoric and Writing Studies 105B. Proof of completion of prerequisite(s) required: Copy of transcript.

Introduction to aesthetics, criticism, history, and theory of literature. Focus on literature as an artistic, creative, and technical medium.

Changes: Abbreviated title changed from *INTRODUCTION TO LITERATUR* to what is presented above. Description changed from *Inquiry into basic nature of literature. What prompts humankind to creation of imaginative literature? What purposes does literature serve in cultural life of humanity? What are its social, philosophical, spiritual, and esthetic values? Some consideration may be given to techniques and major critical theories, but focus will be on practical criticism for nonspecialists. Specific works studied representative of several genres, cultures, and periods of literature* to what is presented above. GE area changed from *IIC1* to *IIC2*. Satisfies *Degree/Major, Concentration/Emphasis/Specialization, Minor*. Title changed from *Introduction to Literature* to what is presented above.

2. Change to description, needs met by course, prerequisite; added to GE.

English

ENGL 280. Introduction to Creative Writing (3) [GE]

Prerequisite: A grade of C (2.0) or better in English 100 [or Rhetoric and Writing Studies 100], or Africana Studies 120 or American Indian Studies 120 or Chicana and Chicano Studies 111B or Linguistics 100B or Rhetoric and Writing Studies 105B.

Reading, analysis, and practice of poetry and fiction. Includes analysis of works of poetry and fiction from a variety of critical perspectives to help students “read as writers” and to focus on how creative writing is developed.

Changes: Description changed from *Theory and practice of poetry and fiction, with emphasis on basic concepts and techniques* to what is presented above. Satisfies *Degree/Major, Concentration/Emphasis/Specialization, Minor*. Prerequisite changed from *A grade of C (2.0) or better in English 100 and Rhetoric and Writing Studies 100 and Africana Studies 120 or American Indian Studies 120 or Chicana and Chicano Studies 111B or Linguistics 100B or Rhetoric and Writing Studies 105B* to what is presented above. Course now fulfills GE area IIC2.

FINANCE

1. Change to prerequisite.

Finance

FIN 422. Property-Liability Insurance (3)

Prerequisite: Credit or concurrent registration in Finance 334. Proof of completion of prerequisite required: Copy of transcript.

Remainder of description (*no change*)

Change: Prerequisite changed from *Approved upper division business major, business minor, or another major approved by the Fowler College of Business. Proof of completion of prerequisite required: Copy of transcript* to what is presented above.

2. Change in program.

Finance

Finance, B.S. in Business Administration

(Major Code: 05041) (SIMS Code: 222115)

Paragraph one (*no change*)

Preparation for the Major (*no change*)

Graduation Writing Assessment Requirement (*no change*)

Major. Forty-six upper division units consisting of:

FIN 32	Managerial Economics ...	3
FIN 325	Intermediate Finance ...	4
FIN 327	Investments ...	3
FIN 334	Principles of Risk Management and Insurance...	3
FIN 335	Financial Modeling...	3
FIN 423	Financial Analysis and Management...	4
ACCTG 326	Intermediate Financial Accounting ...	3
B A 300	Ethical Decision Making in Business ...	1
B A 310	Foundations of Business in a Global Environment ...	1
B A 323	Fundamentals of Finance ...	3
B A 350	Management and Organizational Behavior ...	3
B A 360	Introduction to Operations and Supply Chain Management...	3
B A 370	Marketing...	3

AND

Nine units of 300- to 500-level finance courses. A “C” (2.0) average or better is required in the courses stipulated here for the major.

Changes: *Finance 334 Principles of Risk Management and Insurance* added to required courses. *Finance 329 International Business Finance* moved from required course to an elective course. *Accounting 325 Intermediate Managerial and Tax Accounting* removed from required courses. Number of electives increased from *six* to *nine*.

3. Change in program.

Finance

Financial Services, B.S. in Business Administration**(Major Code: 05043) (SIMS Code: 222122)****Paragraph one** *(no change)***Paragraph two** *(no change)***Preparation for the Major** *(no change)***Graduation Writing Assessment Requirement** *(no change)***Major.** Forty-four to 45 upper division units consisting of:

FIN 327	Investments ...	3
FIN 331	Real Estate Principles ...	3
FIN 334	Principles of Risk Management and Insurance...	3
FIN 335	Financial Modeling...	3
FIN 433	Theory of Real Property Value ...	3

OR

ACCTG 503	Federal Taxation of Individuals ...	3
FIN 522	Individual Insurance Management ...	3
FIN 589	Personal Financial Planning ...	3
B A 300	Ethical Decision Making in Business ...	1
B A 310	Foundations of Business in a Global Environment...	1
B A 323	Fundamentals of Finance...	3
B A 350	Management and Organizational Behavior ...	3
B A 360	Introduction to Operations and Supply Chain Management...	3
B A 370	Marketing...	3

Nine to ten units selected from:**Remainder** *(no change)*

Changes: Major units changed from *41* to *42* to *44* to *45*. *Finance 334 Principles of Risk Management and Insurance* added to required courses. *Nine to 10 units selected from* changed to *Nine to ten units selected from* (ten is now spelled out, vs. 10).

4. Change to certificate.

Finance

**Property Management Certificate
(SIMS Code: 226603)**

Paragraph 1 *(no change)*

The certificate will be offered to students who have been admitted to an upper division Fowler College of Business major, and to upper division SDSU students interested in a career in property management. Non-matriculated students may take the courses on a space available basis. In order to be admitted to the program, students must have completed 60 units with a minimum GPA of 2.9.

Requirements

In order to qualify for the certificate, a minimum grade point average of 2.0 in the 15 units of certificate coursework is required.

The certificate requires 15 units to include:

FIN 331	Real Estate Principles...3
FIN 336	Principles of Residential Property Management...3
FIN 431	Real Estate Finance...3
FIN 433	Theory of Real Property Value...3
FIN 436	Residential Property Management Practices and Issues...3

Paragraph 4 *(no change)*

Changes: *Business administration 323, 350, 370* removed; required units changed from 24 to 15. Editorial language changes in paragraph two.

5. Change to program.

Finance

**Real Estate, B.S. in Business Administration
(Major Code: 05111) (SIMS Code: 222192)**

Paragraph one *(no change)*

Preparation for the Major. *(no change)*

Graduation Writing Assessment Requirement. *(no change)*

Major. Forty-seven upper division units consisting of

FIN 331	Real Estate Principles...3
FIN 333	Law of Real Property...3
FIN 335	Financial Modeling...3
FIN 336	Principles of Residential Property Management...3
FIN 431	Real Estate Finance... 3
FIN 433	Theory of Real Property Value...3
FIN 435	Real Estate Investment Analysis...3
FIN 436	Residential Property Management Practices and Issues...3
FIN 437	Real Estate Development...3
B A 300	Ethical Decision Making in Business...1
B A 310	Foundations of Business in a Global Environment...1
B A 323	Fundamentals of Finance...3
B A 350	Management and Organizational Behavior...3

B A 360	Introduction to Operations and Supply Chain Management...3
B A 370	Marketing...3

Six units

Six units selected from finance courses numbered 300-599. A “C” (2.0) average or better is required in the courses stipulated here for the major.

Changes: *ACCTG 326* removed from major; *FIN 336* and *FIN 436* added to major; electives changed from *nine units* to *six units*. *MIS 301* removed from elective list.

6. Change to certificate.

Finance

Risk Management and Insurance Certificate (SIMS Code: 226604)

The risk management and insurance certificate is designed to develop the knowledge and skills necessary to prepare persons to obtain one or more insurance designations such as Associate in Claims (AIC™), Associate in Commercial Underwriting (AU™), Associate in General Insurance (AINS®), Associate in Risk Management (ARM™), Chartered Property Casualty Underwriter (CPCU®). The certificate will be offered to students who have been admitted to an upper division Fowler College of Business major, and to upper division SDSU students interested in a career in insurance. Non-matriculated students may take the courses on a space-available basis. In order to be admitted to the program, students must have completed 60 units with a minimum GPA of 2.9.

The adviser for the certificate is Dr. Kamal M. Haddad, Department of Finance. Courses may be used for the business major or minor where applicable.

Requirements

A grade point average of C (2.0) or better must be maintained in certificate coursework.

The certificate in risk management and insurance consists of a minimum of 13 units to include:

FIN 334	Principles of Risk Management and Insurance...3
FIN 422	Property-Liability Insurance...3
FIN 522	Individual Insurance Management...3
MKTG 377*	Selling Strategy and Practices...4

* Prerequisite for this course waived for students pursuing the Certificate.

Changes: *BA 323*, *BA 370* removed; *FIN 334* added. Editorial language changes to paragraph one. * *Prerequisite for this course waived for students pursuing the Certificate* added. Units changed from 16 to 13.

HOSPITALITY, RECREATION & TOURISM MANAGEMENT

1. Change to subject/abbreviation, course statement, needs met by course.

Hospitality, Recreation, and Tourism Management
 HTM 381. Cross-Cultural Interpretations of Gambling Addiction
 Prerequisite: *(no change)*
 Remainder of description *(no change)*
 Formerly numbered: Professional Studies and Fine Arts 381.

Changes: *PSFA 381* changed to *HTM 381*. Formerly numbered *Professional Studies and Fine Arts 381* added to course statement. Satisfies *Concentration/Emphasis/Specialization*

2. Change to prerequisite.

Hospitality, Recreation, and Tourism Management
 HTM 450. Venture and Entrepreneurial Management in Hospitality and Tourism (3)
 Prerequisite: Hospitality and Tourism Management 301.
 Remainder of description *(no change)*

Changes: Prerequisites changed from *Hospitality and Tourism Management 301, Business Administration 350, Business Administration 360, Business Administration 370* to what is presented above.

3. Change to needs met by course, prerequisite.

Hospitality, Recreation, and Tourism Management
 HTM 455. Hospitality Financial Management (3)
 Prerequisite: Hospitality and Tourism Management 301.
 Remainder of description *(no change)*

Changes: Satisfies *Degree/Major*. Prerequisite changed from *Business Administration 323* to what is presented above.

4. Change to needs met by course, prerequisites.

Hospitality, Recreation, and Tourism Management
 HTM 498. Internship II in Hospitality and Tourism (3)
 Prerequisite: Hospitality and Tourism Management 398. Food handler certification required for Restaurant majors.
 Remainder of description *(no change)*

Changes: Satisfies *Degree/Major*. Prerequisites changed from *Hospitality and Tourism Management 398, Business Administration 350, Management 352*. Food handler certification required for Restaurant majors.

5. Change in subprogram.

Hospitality, Recreation, and Tourism Management

Hospitality and Tourism Management Major
Emphasis in Meetings and Events Operations and Management
B.S. Degree in Applied Arts and Sciences
(Major Code: 05081) (SIMS Code: 663105)

The hospitality and tourism management (HTM) major is an impacted program. To be admitted to an HTM major emphasis, students must meet the following criteria:

1. Complete with a grade of C- (1.7) or higher: Hospitality and Tourism Management 201, 219 or Mathematics 120, 223, 250; Economics 101 or 102; Recreation and Tourism Management 200, 290 or Management Information Systems 180; Rhetoric and Writing Studies 290, and Statistics 119. These courses cannot be taken for credit/no credit (Cr/NC);
2. Complete a minimum of 60 transferable semester units;
3. Have a cumulative GPA of 2.7;
4. Students who meet all requirements except the GPA may request to be placed on the waiting list. Students on the waiting list will be admitted on a case-by-case basis formulated around the program's exception policy. Contact the School of Hospitality and Tourism Management (AH-4158), 619-594-4964, for more information.

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).

Preparation for the Major. (27 units)

These prerequisite courses may not be taken Cr/NC. The minimum grade in each class is C- (1.7) or higher.

HTM 201 Introduction to Hospitality and Tourism Management...3

HTM 219 Hospitality, Recreation, and Tourism Professions... 3

OR

MATH 120 Calculus for Business Analysis... 3

HTM 223 Hospitality Managerial Accounting and Controls...3

HTM 250 Hospitality Law...3

ECON 101 Principles of Economics...3

OR

ECON 102 Principles of Economics... 3

RTM 200 Recreation, Travel, and Self-Awareness... 3

RTM 290 Quantitative and Qualitative Literacy in Tourism...3

OR

MIS 180 Principles of Information Systems ... 3

RWS 290 Business Writing and Rhetoric ...3

STAT 119 Elementary Statistics for Business ... 3

Graduation Writing Assessment Requirement (*no change*)

International Experience (*no change*)

Major. A minimum of 44 upper division units to include:

HTM 301 Service Leadership Development...3

HTM 327 Economics and Supply Chain Management in the Events
Ecosystem...3

HTM 330 Event and Meeting Industry ... 3

HTM 351	Identities and Organizations in Hospitality, Recreation, and Tourism Management...3
HTM 398	Internship I in Hospitality and Tourism ...3
HTM 432	Project Management for Events ...3
HTM 480	Leadership and Coaching in Hospitality ... 3
HTM 490	Strategic Management in Hospitality and Tourism ... 3
HTM 491	Leadership and Self Development in Hospitality ... 2
HTM 498	Internship II in Hospitality and Tourism ... 3
B A 370	Marketing ... 3
RTM 404	Cross-Cultural Perspectives of Tourism ... 3
RTM 470	Global Sustainable Tourism Management ...3

Six Units of Electives Selected from:

HTM 325	Global Hospitality Leadership ... 3
HTM 333	Weddings and Social Events ... 1
HTM 342	Restaurant Marketing and Menu Management ... 3
HTM 370	Tribal Gaming: Cultural and Political Context ... 3

also listed as

AMIND 370	Tribal Gaming: Cultural and Political Context ... 3
HTM 371	Tribal Gaming: Casino Operations ... 3
HTM 381	Cross-Cultural Interpretations of Gambling Addiction...3
HTM 430	Specialty Event Management ... 2
HTM 431	Convention Services for Hotels ... 2
HTM 433	Destination Management Services...2
HTM 435	Sporting Events and Festival Management ... 3
HTM 453	Hospitality Sales and Marketing ... 2
HTM 456	Hotel Revenue Management ... 2
HTM 465	Hospitality Technology ... 1
HTM 495	Innovation in the Experience Economy... 3
RTM 396W	Writing in Recreation Settings...3
RTM 475	Commercial Recreation and Attractions Management... 3
RTM 477	Sustainable Tourism Planning...3
RTM 487	Environmental and Cultural Interpretation ... 3
THEA 476	Event Coordination and the Entertainment Industry ... 3

Changes: Impact description removed Accountancy 201 as requirement. Impact description added “or” between *Economics 101, Economics 102*. Cumulative GPA in Impact Description changed to 2.7 from 2.9. In Preparation for the Major, *Accountancy 201* removed; “or” added between *Economics 101, 102*, and units changed from 33 to 27. In the Major, *HTM 327* and *HTM 351* added to required courses. Major units changed from 50 to 44. *Business Administration 323, 350, 360*, and *Management 352* removed from Major. In six units selected from, *PSFA 381* changed to *HTM 381*. *RTM 396W* added to six units selected from.

5. Change in subprogram.

Hospitality, Recreation, and Tourism Management
Hospitality and Tourism Management
Emphasis in Hotel Operations and Management
B.S. in Applied Arts and Sciences
(SIMS Code: 663102)

The hospitality and tourism management (HTM) major is an impacted program. To be admitted to an HTM major emphasis, students must meet the following criteria:

1. Complete with a grade of C- (1.7) or higher: Hospitality and Tourism Management 201, 219 or Mathematics 120, 223, 250; Economics 101 or 102; Recreation and Tourism Management 200, 290 or Management Information Systems 180; Rhetoric and Writing Studies 290, and Statistics 119. These courses cannot be taken for credit/no credit (Cr/NC);
2. Complete a minimum of 60 transferable semester units;
3. Have a cumulative GPA of 2.7;
4. Students who meet all requirements except the GPA may request to be placed on the waiting list. Students on the waiting list will be admitted on a case-by-case basis formulated around the program's exception policy. Contact the School of Hospitality and Tourism Management (AH-4158), 619-594-4964, for more information.

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).

Preparation for the Major. (27 units)

These prerequisite courses may not be taken Cr/NC. The minimum grade in each class is C- (1.7) or higher.

HTM 201	Introduction to Hospitality and Tourism Management...3
HTM 219	Hospitality, Recreation, and Tourism Professions... 3

OR

MATH 120	Calculus for Business Analysis... 3
HTM 223	Hospitality Managerial Accounting and Controls...3
HTM 250	Hospitality Law...3
ECON 101	Principles of Economics...3

OR

ECON 102	Principles of Economics... 3
RTM 200	Recreation, Travel, and Self-Awareness... 3
RTM 290	Quantitative and Qualitative Literacy in Tourism...3

OR

MIS 180	Principles of Information Systems ... 3
RWS 290	Business Writing and Rhetoric ...3
STAT 119	Elementary Statistics for Business ... 3

Graduation Writing Assessment Requirement (*no change*)

International Experience (*no change*)

Major. A minimum of 44 upper division units to include:

HTM 301	Service Leadership Development Units: 3
HTM 320	Hotel Management Units: 3

HTM 327	Economics and Supply Chain Management in the Events Ecosystem...3
HTM 351	Identities and Organizations in Hospitality, Recreation, and Tourism Management...3
HTM 398	Internship I in Hospitality and Tourism ... 3
HTM 455	Hospitality Financial Management ... 3
HTM 480	Leadership and Coaching in Hospitality ... 3
HTM 490	Strategic Management in Hospitality and Tourism ... 3
HTM 491	Leadership and Self Development in Hospitality ... 2
HTM 498	Internship II in Hospitality and Tourism ... 3
B A 370	Marketing... 3
RTM 404	Cross-Cultural Perspectives of Tourism ... 3
RTM 470	Global Sustainable Tourism Management ... 3
Six Units of Electives Selected from	
HTM 325	Global Hospitality Leadership... 3
HTM 333	Weddings and Social Events ... 1
HTM 342	Restaurant Marketing and Menu Management ... 3
HTM 370	Tribal Gaming: Cultural and Political Context ...3
also listed as	
AMIND 370	Tribal Gaming: Cultural and Political Context ... 3
HTM 371	Tribal Gaming: Casino Operations ... 3
HTM 381	Cross-Cultural Interpretations of Gambling Addiction...3
HTM 430	Specialty Event Management ... 2
HTM 431	Convention Services for Hotels ... 2
HTM 433	Destination Management Services ... 2
HTM 435	Sporting Events and Festival Management ... 3
HTM 453	Hospitality Sales and Marketing ... 2
HTM 456	Hotel Revenue Management ... 2
HTM 465	Hospitality Technology ... 1
HTM 495	Innovation in the Experience Economy ... 3
RTM 396W	Writing in Recreation Settings...3
RTM 475	Commercial Recreation and Attractions Management...3
RTM 477	Sustainable Tourism Planning ... 3
RTM 487	Environmental and Cultural Interpretation ... 3
THEA 476	Event Coordination and the Entertainment Industry ... 3

Changes: Impact description removed Accountancy 201 as requirement. Impact description added “or” between *Economics 101*, *Economics 102*. Cumulative GPA in Impact Description changed to 2.7 from 2.9. In Preparation for the Major, *Accountancy 201* removed; “or” added between *Economics 101*, *102*, and units changed from 33 to 27. Major units changed from 50 to 44. *HTM 327* and *HTM 351* added to required courses. *Business Administration 323*, *350*, *360*, and *Management 352* removed from Major courses. In *six units selected from*, *PSFA 381* changed to *HTM 381*. *RTM 396W* added to *six units selected from*.

6. Change in subprogram.

Hospitality, Recreation, and Tourism Management

Hospitality and Tourism Management

Emphasis in Restaurant Operations and Management

B.S. in Applied Arts and Sciences

(SIMS Code: 663103)

The hospitality and tourism management (HTM) major is an impacted program. To be admitted to an HTM major emphasis, students must meet the following criteria:

1. Complete with a grade of C- (1.7) or higher: Hospitality and Tourism Management 201, 219 or Mathematics 120, 223, 250; Economics 101 or 102; Recreation and Tourism Management 200, 290 or Management Information Systems 180; Rhetoric and Writing Studies 290, and Statistics 119. These courses cannot be taken for credit/no credit (Cr/NC);
2. Complete a minimum of 60 transferable semester units;
3. Have a cumulative GPA of 2.7;
4. Students who meet all requirements except the GPA may request to be placed on the waiting list. Students on the waiting list will be admitted on a case-by-case basis formulated around the program's exception policy. Contact the School of Hospitality and Tourism Management (AH-4158), 619-594-4964, for more information.

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).

Preparation for the Major. (27 units)

These prerequisite courses may not be taken Cr/NC. The minimum grade in each class is C- (1.7) or higher.

HTM 201 Introduction to Hospitality and Tourism Management...3

HTM 219 Hospitality, Recreation, and Tourism Professions... 3

OR

MATH 120 Calculus for Business Analysis... 3

HTM 223 Hospitality Managerial Accounting and Controls...3

HTM 250 Hospitality Law...3

ECON 101 Principles of Economics...3

OR

ECON 102 Principles of Economics... 3

RTM 200 Recreation, Travel, and Self-Awareness... 3

RTM 290 Quantitative and Qualitative Literacy in Tourism...3

OR

MIS 180 Principles of Information Systems ... 3

RWS 290 Business Writing and Rhetoric ...3

STAT 119 Elementary Statistics for Business ... 3

Graduation Writing Assessment Requirement (*no change*)

International Experience (*no change*)

Major. A minimum of 44 upper division units to include:

HTM 301 Service Leadership Development Units: 3

HTM 327	Economics and Supply Chain Management in the Events Ecosystem...3
HTM 340	Restaurant Management...3
HTM 351	Identities and Organizations in Hospitality, Recreation, and Tourism Management...3
HTM 398	Internship I in Hospitality and Tourism ... 3
HTM 455	Hospitality Financial Management ... 3
HTM 480	Leadership and Coaching in Hospitality ... 3
HTM 490	Strategic Management in Hospitality and Tourism ... 3
HTM 491	Leadership and Self Development in Hospitality ... 2
HTM 498	Internship II in Hospitality and Tourism ... 3
B A 370	Marketing... 3
RTM 404	Cross-Cultural Perspectives of Tourism ... 3
RTM 470	Global Sustainable Tourism Management ... 3

Six Units of Electives Selected from

HTM 325	Global Hospitality Leadership... 3
HTM 333	Weddings and Social Events ... 1
HTM 342	Restaurant Marketing and Menu Management ... 3
HTM 370	Tribal Gaming: Cultural and Political Context ...3

also listed as

AMIND 370	Tribal Gaming: Cultural and Political Context ... 3
HTM 371	Tribal Gaming: Casino Operations ... 3
HTM 381	Cross-Cultural Interpretations of Gambling Addiction...3
HTM 430	Specialty Event Management ... 2
HTM 431	Convention Services for Hotels ... 2
HTM 433	Destination Management Services ... 2
HTM 435	Sporting Events and Festival Management ... 3
HTM 453	Hospitality Sales and Marketing ... 2
HTM 456	Hotel Revenue Management ... 2
HTM 465	Hospitality Technology ... 1
HTM 495	Innovation in the Experience Economy ... 3
RTM 396W	Writing in Recreation Settings...3
RTM 475	Commercial Recreation and Attractions Management...3
RTM 477	Sustainable Tourism Planning ... 3
RTM 487	Environmental and Cultural Interpretation ... 3
THEA 476	Event Coordination and the Entertainment Industry ... 3

Changes: Impact description removed Accountancy 201 as requirement. Impact description added “or” between *Economics 101*, *Economics 102*. Cumulative GPA in Impact Description changed to 2.7 from 2.9. In Preparation for the Major, *Accountancy 201* removed; “or” added between *Economics 101*, *102*, and units changed from 33 to 27. Major units changed from 50 to 44. *HTM 327* and *HTM 351* added to required courses. *Business Administration 323*, *350*, *360*, and *Management 352* removed from Major courses. In six units selected from, *PSFA 381* changed to *HTM 381*. *RTM 396W* added to six units selected from.

7. Change in subprogram.

Hospitality, Recreation, and Tourism Management

Hospitality and Tourism Management

Emphasis in Tribal Gaming Operations and Management

B.S. in Applied Arts and Sciences

(SIMS Code: 663106)

The hospitality and tourism management (HTM) major is an impacted program.

To be admitted to an HTM major emphasis, students must meet the following criteria:

1. Complete with a grade of C- (1.7) or higher: Hospitality and Tourism Management 201, 219 or Mathematics 120, 223, 250; Economics 101 or 102; Recreation and Tourism Management 200, 290 or Management Information Systems 180; Rhetoric and Writing Studies 290, and Statistics 119. These courses cannot be taken for credit/no credit (Cr/NC);
2. Complete a minimum of 60 transferable semester units;
3. Have a cumulative GPA of 2.7;
4. Students who meet all requirements except the GPA may request to be placed on the waiting list. Students on the waiting list will be admitted on a case-by-case basis formulated around the program's exception policy. Contact the School of Hospitality and Tourism Management (AH-4158), 619-594-4964, for more information.

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).

Preparation for the Major. (27 units)

These prerequisite courses may not be taken Cr/NC. The minimum grade in each class is C- (1.7) or higher.

HTM 201 Introduction to Hospitality and Tourism Management...3

HTM 219 Hospitality, Recreation, and Tourism Professions... 3

OR

MATH 120 Calculus for Business Analysis... 3

HTM 223 Hospitality Managerial Accounting and Controls...3

HTM 250 Hospitality Law...3

ECON 101 Principles of Economics...3

OR

ECON 102 Principles of Economics... 3

RTM 200 Recreation, Travel, and Self-Awareness... 3

RTM 290 Quantitative and Qualitative Literacy in Tourism...3

OR

MIS 180 Principles of Information Systems ... 3

RWS 290 Business Writing and Rhetoric ...3

STAT 119 Elementary Statistics for Business ... 3

Graduation Writing Assessment Requirement (no change)

International Experience (no change)

Major. A minimum of 44 upper division units to include:

HTM 301	Service Leadership Development Units: 3
HTM 327	Economics and Supply Chain Management in the Events Ecosystem...3
HTM 351	Identities and Organizations in Hospitality, Recreation, and Tourism Management...3
HTM 370	Tribal Gaming: Cultural and Political Context ...3

also listed as

AMIND 370	Tribal Gaming: Cultural and Political Context ... 3
HTM 371	Tribal Gaming: Casino Operations ... 3
HTM 372	Tribal Gaming: Legal and Regulatory Issues...3
HTM 373	Tribal Gaming: Marketing and Public Relations...3
HTM 398	Internship I in Hospitality and Tourism ... 3
HTM 480	Leadership and Coaching in Hospitality ... 3
HTM 490	Strategic Management in Hospitality and Tourism ... 3
HTM 491	Leadership and Self Development in Hospitality ... 2
HTM 498	Internship II in Hospitality and Tourism ... 3
B A 370	Marketing... 3
RTM 404	Cross-Cultural Perspectives of Tourism ... 3
RTM 470	Global Sustainable Tourism Management ... 3

Three Units of Electives Selected from

HTM 325	Global Hospitality Leadership... 3
HTM 333	Weddings and Social Events ... 1
HTM 342	Restaurant Marketing and Menu Management ... 3
HTM 381	Cross-Cultural Interpretations of Gambling Addiction...3
HTM 430	Specialty Event Management ... 2
HTM 431	Convention Services for Hotels ... 2
HTM 433	Destination Management Services ... 2
HTM 435	Sporting Events and Festival Management ... 3
HTM 453	Hospitality Sales and Marketing ... 2
HTM 456	Hotel Revenue Management ... 2
HTM 465	Hospitality Technology ... 1
HTM 495	Innovation in the Experience Economy ... 3
RTM 396W	Writing in Recreation Settings...3
RTM 475	Commercial Recreation and Attractions Management...3
RTM 477	Sustainable Tourism Planning ... 3
RTM 487	Environmental and Cultural Interpretation ... 3
THEA 476	Event Coordination and the Entertainment Industry ... 3

Changes: Impact description removed Accountancy 201 as requirement. Impact description added “or” between *Economics 101*, *Economics 102*. Cumulative GPA in Impact Description changed to 2.7 from 2.9. In Preparation for the Major, *Accountancy 201* removed; “or” added between *Economics 101*, *102*, and units changed from 33 to 27. Major units changed from 50 to 44. *HTM 327* and *HTM 351* added to required courses. *Business Administration 323*, *350 360*, and *Management 352* removed from Major courses. In *six units selected from*, *PSFA 381* changed to *HTM 381*. *RTM 396W* added to *six units selected from*.

8. Change in subprogram.

Hospitality, Recreation, and Tourism Management

Recreation Administration,

**Emphasis in Outdoor Resource Management, B.S. in Applied Arts and Sciences
(Major Code 21031) (SIMS Code: 667751)**

Paragraph 1 - 3 (*no change*)

Preparation for the Major. (28 units)

RTM 200 - Recreation, Travel, and Self-Awareness Units: 3

OR

RTM 100 - Sustainable Self-Development Units: 3

Remainder of courses (*no change*)

Graduation Writing Assessment Requirement. (*no change*)

Major. A minimum of 48 upper division units to include

RTM 301 Service Leadership Development...3

RTM 304 Leisure and Tourism...3

RTM 305 Wilderness and the Leisure Experience...3

RTM 351 Recreation Therapy and Special Populations...3

RTM 360 Recreation and Tourism Management...3

RTM 404 Cross-Cultural Perspectives of Tourism...3

RTM 470 Global Sustainable Tourism Management...3

RTM 485 Outdoor Recreation Planning and Policy...3

RTM 487 Environmental and Cultural Interpretation...3

RTM 489 Outdoor Leadership and Adventure Programming...3

RTM 498 Internship in Recreation and Tourism Management...6 or
12 (12 units)

Six Units Selected from

RTM 396W Writing in Recreation Settings...3

Remainder of courses (*no change*)

Changes: *PSFA 100* changed to *RTM 100* in *Preparation for the Major*. In the *Major*, *RTM 360* added. *RTM 469* removed from *Major*. *RTM 469* removed from elective options. *RTM 396W* added to elective options.

9. Change in subprogram.

Hospitality, Recreation, and Tourism Management

**Recreation Administration, Emphasis in Sustainable Tourism Management,
B.S. in Applied Arts and Sciences**

(Major Code 21031) (SIMS Code: 667766)

Paragraph 1 - 3 (*no change*)

Preparation for the Major. (25 units)

RTM 200 Recreation, Travel, and Self-Awareness...3

RTM 284 Supervised Field Work...3

ECON 101	Principles of Economics...3
ECON 102	Principles of Economics...3
GEOG 101	Earth's Physical Environment...3
GEOG 101L	Earth's Physical Environment Laboratory...1
HTM 201	Introduction to Hospitality and Tourism Management...3
HTM 219	Hospitality, Recreation, and Tourism Professions...3
HTM 223	Hospitality Managerial Accounting and Controls...3

Graduation Writing Assessment Requirement. *(no change)*

International Experience Requirement. *(no change)*

Major. *(no change)*

Competency Areas. 15 units selected from five competency areas. Three units must be selected from each of the following five competency areas:

Environmental Sustainability *(no change)*

Social/Cultural Sustainability, Social Justice, and Equity *(no change)*

Economic Sustainability *(no change)*

Sustainable Development *(no change)*

Field Application

RTM 305 Wilderness and the Leisure Experience...3

RTM 360 Recreation and Tourism Management...3

RTM 396W Writing in Recreation Settings...3

RTM 489 Outdoor Leadership and Adventure
Programming...3

HTM 495 Innovation in the Experience Economy...3

Changes: *ACCTG 201* removed from *Preparation for the Major*. *Preparation for the Major* units changed from 28 to 25. *Field Application* competency area removed *RTM 469* and added *RTM 360, RTM 396W*.

10. Change in subprogram.

Hospitality, Recreation, and Tourism Management

Recreation Administration, Emphasis in Recreation Systems Management,

B.S. in Applied Arts and Sciences

(Major Code 21031) (SIMS Code: 667765)

Paragraph 1 - 3 *(no change)*

Preparation for the Major.

Graduation Writing Assessment Requirement. *(no change)*

Major. A minimum of 48 upper division units to include

RTM 301 Service Leadership Development...3

RTM 304 Leisure and Tourism...3

RTM 305 Wilderness and the Leisure Experience...3

RTM 360 Recreation and Tourism Management...3

RTM 404 Cross-Cultural Perspectives of Tourism...3

RTM 470 Global Sustainable Tourism Management...3

RTM 498 Internship in Recreation and Tourism Management...6 or
12 (12 units)

Nine Units Selected from (*no change*)

Nine Units Selected from (*no change*)

Changes: In the *Major*, RTM 360 added; RTM 468, 469 removed. Units changed from 51 to 48.

11. Change in program.

Hospitality, Recreation, and Tourism Management

Recreation Minor

(SIMS Code: 667701)

Paragraph 1 (*no change*)

The minor in recreation consists of a minimum of 15 units to include

HTM 201 Introduction to Hospitality and Tourism Management...3

RTM 304 Leisure and Tourism...3

RTM 305 Wilderness and the Leisure Experience...3

OR

RTM 487 Environmental and Cultural Interpretation...3

RTM 404 Cross-Cultural Perspectives of Tourism...3

Three additional upper division units selected from

RTM 351 Recreation Therapy and Special Populations...3

RTM 360 Recreation and Tourism Management...3

RTM 470 Global Sustainable Tourism Management Units: 3

RTM 475 Commercial Recreation and Attractions Management...3

RTM 484 Directed Leadership...3

RTM 489 Outdoor Leadership and Adventure Programming...3

RTM 499 Special Study...1-3

Changes: RTM 469 removed from upper division electives; RTM 360 added in the upper division electives.

MANAGEMENT

1. Change in program.

Management

Management

B.S. Degree in Business Administration

(Major Code: 05061) (SIMS Code: 222557)

Paragraph one (*no change*)

Preparation for the Major (*no change*)

Graduation Writing Assessment Requirement (*no change*)

Major (*no change*)

Forty-four upper division units consisting of (no change)

Six units selected from:

MGT 353	Creativity and Innovation ... 3
MGT 355	International Entrepreneurship ... 3
MGT 403	Global Business & Diplomacy...3
MGT 420	Entrepreneurial Opportunity Recognition and Evaluation...3
MGT 452	Family Business Management ... 3
MGT 455	Social Entrepreneurship ... 3
MGT 459	Franchise Management ... 3
MGT 460	Business Model Design and Development ... 3
MGT 461	Human Resource Selection ... 3
MGT 462	Compensation ... 3
MGT 463	Performance Management ... 3
MGT 464	Legal Issues in Managing Employees ...3
MGT 467	Diversity Issues ... 3
MGT 468	Human Resource Analytics...3

Changes: *Management 403, Management 468* added to electives. *Management 498* removed from electives.

2. Change in subprogram.

Management

Management

Specialization in Entrepreneurship

B.S. in Business Administration

(SIMS Code: 222564)

Paragraph one (no change)

Preparation for the Major (no change)

Graduation Writing Assessment Requirement (no change)

Major. Specialization in Entrepreneurship (no change)

Forty-four upper division units consisting of (no change)

Six units selected from:

MGT 353	Creativity and Innovation ... 3
MGT 355	International Entrepreneurship ... 3
MGT 452	Family Business Management ... 3
MGT 455	Social Entrepreneurship ... 3
MGT 459	Franchise Management ... 3
JMS 480	Principles of Public Relations ... 3

Changes: *Management 498* removed from electives.

3. Change in subprogram.

Management
Management
Specialization in Human Resource Management
B.S. in Business Administration
(SIMS Code: 222563)

Paragraph one *(no change)*

Preparation for the Major *(no change)*

Graduation Writing Assessment Requirement *(no change)*

Major. Specialization in Human Resource Management *(no change)*

Forty-four upper division units consisting of *(no change)*

Six units selected from:

MGT 463	Performance Management ...3
MGT 464	Legal Issues in Managing Employees ... 3
MGT 466	International Human Resource Management ... 3
MGT 467	Diversity Issues ... 3
MGT 468	Human Resource Analytics...3

Changes: *Management 468* added to electives; *Management 498* removed from electives.

MANAGEMENT INFORMATION SYSTEMS

1. Change to description, needs met by course.

Management Information Systems

MIS 492. Management of Information Systems (3)

Prerequisites: *(no change)*

Roles of information systems managers and executives in digital transformation for business processes and outcomes. Strategy and techniques in development and deployment of information systems for sustainable competitive advantage. Ethical, organizational, social opportunities and challenges inherent in information systems management.

Change: Description changed from *Role in organizations from management perspective: strategic information system planning, systems administration, and management of end user computing. Management issues related to systems development and implementation. Management of computer operations and the computer center* to what is presented above. Satisfies *Degree/Major, Minor*.

MECHANICAL ENGINEERING

1. Change to prerequisites.

Mechanical Engineering

M E 330. Mechatronics Laboratory (3)

Prerequisites: Mechanical Engineering 202, Mechanical Engineering 220 [or Aerospace Engineering 220], Mechanical Engineering 230, Aerospace Engineering 280, Physics 196L. Proof of completion of prerequisites required for all Mechanical Engineering 300-, 400-, and 500-level courses: Copy of transcript.

Remainder of description (*no change*)

Changes: Prerequisites changed from *Mechanical Engineering 202, Mechanical Engineering 220 [or Aerospace Engineering 220], Mechanical Engineering 204, Aerospace Engineering 280, Physics 196L. Proof of completion of prerequisites required for all Mechanical Engineering 300-, 400-, and 500-level courses: Copy of transcript* to what is presented above.

2. Change to general text and prerequisites.

Mechanical Engineering

M E 490A. Engineering Design: Senior Project (3)

Prerequisites: Mechanical Engineering 304 (or Civil Engineering 301), Mechanical Engineering 314, Mechanical Engineering 330, Mechanical Engineering 452. Every mechanical engineering student must have a master plan on file before enrolling in Mechanical Engineering 490A. Proof of completion of prerequisite(s) required: Copy of transcript.

Applications of engineering principles and design techniques to the designing, building, and testing of an engineering system. A single project is completed in this two- course sequence and is judged completed upon presentation of an oral and a written report. In addition, issues related to ethics and engineering practice are discussed.

Changes: *In addition, Mechanical Engineering 351, 490A, and 530 require evidence of concurrent registration in appropriate courses* removed from General Text. Mechanical Engineering 310 replaced with Mechanical Engineering 330.

3. Change in program.

Mechanical Engineering

BS/MS 4+1 Degree Program

(SIMS Code: 447012)

Students must complete 141 units to be simultaneously awarded the B.S. degree in mechanical engineering and the M.S. degree in mechanical engineering. Students can apply for admission to the BS/MS 4+1 (B.S. and M.S. in Mechanical Engineering) degree program when they have successfully completed a minimum of 82 units and not more than 97 units. These units must count towards one or the other of the two SDSU degree programs (BS or MS) that will ultimately be awarded in the dual degree program. All students must have a satisfactory score [minimum of 308 for combined verbal and quantitative on the Graduate Record Examination (GRE) General Test] and a minimum overall GPA of 3.0.

Paragraph two (*no change*)

Changes: Units changed from *150* to *141*.

4. Change in program.

Mechanical Engineering

Mechanical Engineering, B.S., Bioengineering, M.S.,
BS/MS 4+1 Degree Program
(SIMS Code: 447013)

Students must complete 141 units to be simultaneously awarded the B.S. degree in mechanical engineering and the M.S. degree in bioengineering. Students can apply for admission to the BS/MS 4+1 degree program (B.S. in Mechanical Engineering and M.S. in Bioengineering) when they have successfully completed a minimum of 82 units and not more than 97 units. These units must count towards one or the other of the two SDSU degree programs (BS or MS) that will ultimately be awarded in the dual degree program. All students must have a satisfactory score [minimum of 308 for combined verbal and quantitative on the Graduate Record Examination (GRE) General Test] and a minimum overall GPA of 3.0.

Paragraph two (*no change*)

Changes: Units changed from *150* to *141*.

5. Change in subprogram.

Mechanical Engineering

Mechanical Engineering Major with an Emphasis in Bioengineering
B.S. Degree
(Major Code: 09101) (SIMS Code: 447002)

This program requires 120 units to include general education. In addition, the total number of units specified in each elective category represents a minimum requirement.

Preparation for the Major.

M E 190	Computer-Aided Design...2
M E 200	Statics... 3 *
	[also listed as Aerospace Engineering 200 Statics...3]
M E 202	Computer Programming and Applications...3
M E 220	Dynamics...3
	[also listed as Aerospace Engineering 220 Dynamics... 3]
M E 230	Basics of Mechatronics...3
M E 240	Introduction to Engineering Materials...3
M E 241	Materials Laboratory...1
A E 280	Methods of Analysis...3
BIOL 203	Principles of Cell and Molecular Biology ... 3
CHEM 202	General Chemistry for Engineers...4 *
	OR
CHEM 200	General Chemistry...5
MATH 150	Calculus I ...4 *

MATH 151	Calculus II ...4 *
MATH 252	Calculus III...4
PHYS 195	Principles of Physics...3 *
PHYS 195L	Principles of Physics Laboratory ...1
PHYS 196	Principles of Physics ... 3 *
PHYS 196L	Principles of Physics Laboratory ... 1

Three to five units selected from: Biology 212, Chemistry 201, Chemistry 232 and Chemistry 232L, or Physics 197. (51-54 units)

Note (*no change*)

General Education. (*no change*)

Graduation Writing Assessment Requirement. (*no change*)

Major. A minimum of 39 upper division units to include

M E 304 Mechanics of Materials ...3

OR

CIV E 301 Introduction to Solid Mechanics ... 3

M E 314 Engineering Design: Mechanical Components...

M E 330 Mechatronics Laboratory ... 3

M E 350 Thermodynamics ... 3

M E 360 Fluids Engineering ...3

M E 452 Principles of Heat Transfer ... 3

M E 490A Engineering Design: Senior Project ... 3

M E 490B Engineering Design: Senior Project ... 3

A E 341 Fluid Mechanics Laboratory...: 1

BIOL 336 Principles of Human Physiology ... 3 will also satisfy

three units of the General Education requirement in IV.A.

BIOL 436 - Human Physiology Laboratory Units: 2

Professional electives: Nine units of additional coursework may be selected from Mechanical Engineering 499 (3 units), 580, 585, and other 400- or 500-level courses in the bioengineering area with departmental approval, with at least six of the nine units at the 500-level.

Changes: *ME 230* replaced *EE 204* in *prep for the major*. Prerequisite for *ME 330* changed from *EE 204* to *ME 230*. Major units changed from 42 to 39. 12 units of additional coursework (professional electives) changed to nine; with at least six of the 12... changed to six of the nine in professional electives. (Total units changed from 126 to 120—change already made.)

6. Change in program.

Mechanical Engineering

Mechanical Engineering Major

B.S. Degree

(Major Code: 09101) (SIMS Code: 447001)

This program requires 120 units to include general education. In addition, the total number of units specified in each elective category represents a minimum requirement.

Paragraphs 2-3 (no change)**Preparation for the Major (48 units)**

M E 190 Computer-Aided Design ...2

M E 200 Statics ... 3 must be completed with a grade of C (2.0) or better.

These courses cannot be taken for credit/no credit (Cr/NC).

also listed as

A E 200 Statics ... 3 must be completed with a grade of C (2.0) or better. These courses cannot be taken for credit/no credit (Cr/NC).

M E 202 Computer Programming and Applications ... 3

M E 220 Dynamics ... 3

also listed as

A E 220 Dynamics ... 3

M E 230 Basics of Mechatronics...3

M E 240 Introduction to Engineering Materials ...3

M E 241 Materials Laboratory...1

A E 280 Methods of Analysis...3

BIOL 100 General Biology... 3

OR

BIOL 101 World of Animals...3

CHEM 202 General Chemistry for Engineers ... 4 must be completed with a grade of C (2.0) or better. These courses cannot be taken for credit/no credit (Cr/NC).

OR

CHEM 200 General Chemistry ... 5 must be completed with a grade of C (2.0) or better. These courses cannot be taken for credit/no credit (Cr/NC).

MATH 150 Calculus I ... 4 must be completed with a grade of C (2.0) or better. These courses cannot be taken for credit/no credit (Cr/NC).

MATH 151 Calculus II... 4 must be completed with a grade of C (2.0) or better. These courses cannot be taken for credit/no credit (Cr/NC).

MATH 252 Calculus III... 4

PHYS 195 Principles of Physics...3 must be completed with a grade of C (2.0) or better. These courses cannot be taken for credit/no credit (Cr/NC).

PHYS 195L Principles of Physics Laboratory...1

PHYS 196 Principles of Physics...3 must be completed with a grade of C (2.0) or better. These courses cannot be taken for credit/no credit (Cr/NC).

PHYS 196L Principles of Physics Laboratory... 1

Graduation Writing Assessment Requirement. (no change)**Major. A minimum of 39 upper division units to include**

M E 304 Mechanics of Materials...3

OR

CIV E 301 Introduction to Solid Mechanics...3

M E 314 Engineering Design: Mechanical Components...3

M E 330 Mechatronics Laboratory...3

M E 350 Thermodynamics ...3

M E 360 Fluids Engineering...3

M E 452 Principles of Heat Transfer...3

M E 490A	Engineering Design: Senior Project...3
M E 490B	Engineering Design: Senior Project...3
M E 495	Mechanical and Thermal Systems Laboratory...2
A E 341	Fluid Mechanics Laboratory...1

Professional electives: six units of coursework to be selected from one of either units of additional coursework selected from any 400- or 500-level mechanical engineering course. Students may select professional electives from other departments, with departmental approval.

Mechanical Systems: *(no change)*

Thermal Systems: *(no change)*

Master Plan. *(no change)*

Changes: *ME 230* replaced *EE 204* in *prep for the major*. Prerequisite for *ME 330* changed from *EE 204* to *ME 230*. Major units changed from 42 to 39. Editorial language changes in Professional electives section. (Total units changed from 126 to 120—change already made.)

MUSIC

1. Change in subprogram.

Music

Music Major with an Emphasis in Specialization in Professional Studies-Track 3 – Music Recording Technology and Audio Design

B.M. Degree in Applied Arts and Sciences

(Major Code: 10041) (SIMS Code: 665326)

Paragraphs 1-2 *(no change)*

Preparation for the Major

All majors must fulfill the requirements in one of the following areas of specialization.

Music Education

Performance

Global Composition

Jazz Studies

Professional Studies - Track 1, Track 2, or Track 3

Track 3 – Music Recording Technology and Audio Design): (37-40 units)

MUSIC 105 Introduction to Elements of Music...3 (or passing placement examination)

MUSIC 106A Introduction to Aural Skills I...1

MUSIC 106B Introduction to Aural Skills II...1

MUSIC 110A Piano - Elementary Class Instruction...1

MUSIC 110B Piano - Elementary Class Instruction...1

MUSIC 151 Introduction to Music...3

MUSIC 160 Introduction to Electro-Acoustic Music...2

MUSIC 162 Introduction to Recording and Sound Reinforcement...2

Two units selected from

Music 170 through 189

MUSIC 205A Comprehensive Musicianship...3

MUSIC 205B Comprehensive Musicianship...3

Two units of

MUSIC 207 Composition Laboratory...1

MUSIC 260 Electro-Acoustic Music Composition I...2

MUSIC 262 Intermediate Recording and Sound Reinforcement...2

MUSIC 290 Body Modalities...2

OR

Dance 290 Body Modalities...2

Theatre 240 Theatre Design and Technology I...3

CS 100 Computer Science Principles...3

OR

CS 150 Introductory Computer Programming...3

Language Requirement. (no change)

Graduation Writing Assessment Requirement. (no change)

**Major. Track 3 – Music Recording Technology and Audio Design:
(45-46 units)**

MUSIC 305A Comprehensive Musicianship...3

MUSIC 305B Comprehensive Musicianship...3

MUSIC 308A Music History I: Medieval, Renaissance, and Baroque...3

MUSIC 308B Music History II: Classical and Romantic...3

Four units of

MUSIC 360 Electro-Acoustic Music Composition II...2 (4 units)

MUSIC 408A Music History III: 20th and 21st Centuries...3

MUSIC 460 Art of Recording...3

Six units of

MUSIC 530 Music Internship...1-3

Two courses selected from

MUSIC 560 Music and Visual Media...3

TFM 321 Sound Design for Video and Film...3

THEA 548 Sound Design for the Theatre... 3

Nine units of upper-division music electives selected from

MUSIC 405A Comprehensive Musicianship: Orchestration,
Arranging...3

MUSIC 405B Comprehensive Musicianship: Counterpoint...3

MUSIC 515 Professional Orientation for Music Performers...2

MUSIC 554 Music Literature...2

MUSIC 561 Area Studies: Ethnomusicology...3

Two units from music courses numbered

MUSIC 370 through 389

One course selected from

ART 344 Design for the Internet I...3

DANCE 371 Video Dance Production...2

DANCE 471 Digital Media Dance Production...2

Changes: Music 160 and Music 260 (4 units total) now required; *four units selected from Music 170-189* changed to *two units*; *ART 101, 103, 240* removed from elective options. Major units changed from 47 to 45-46. *Two courses selected from* added in the major *before MUSIC 560, TFM 321, THEA 548. MUSIC 515* added to upper division elective options; one unit from music courses numbered 370-389 changed to *two units. THEA 548* added as an option.

2. Change in subprogram.

Music

Music Major with an Emphasis in Specialization in Professional Studies-Track 2 – General

B.M. Degree in Applied Arts and Sciences

(Major Code: 10041) (SIMS Code: 665325)

Paragraphs 1-2 (*no change*)

Preparation for the Major (*no change*)

Track 2 – General (SIMS Code: 665325):

MUSIC 105 Introduction to Elements of Music...3
 MUSIC 106A Introduction to Aural Skills I...1
 MUSIC 106B Introduction to Aural Skills II...1
 MUSIC 110A Piano - Elementary Class Instruction ... 1
 MUSIC 110B Piano - Elementary Class Instruction ... 1
 MUSIC 151 Introduction to Music ... 3
 MUSIC 204 Music Composition Technology ... 1
 MUSIC 205A Comprehensive Musicianship ... 3
 MUSIC 205B Comprehensive Musicianship ... 3
 MUSIC 210A Piano - Elementary Class Instruction...1
 MUSIC 210B Piano - Elementary Class Instruction...1

Four Units of

MUSIC 251A-L (*no change*)

Eight units of lower division music electives selected from:

MUSIC 160 Introduction to Electro-Acoustic Music...2
 MUSIC 166 Elements of Jazz I...2
 MUSIC 206A Aural Skills...1
 MUSIC 206B Aural Skills...1
 MUSIC 212 Voice - Elementary Class Instruction...1
 MUSIC 214 Strings - Elementary Class Instruction...1
 MUSIC 215 Woodwinds - Elementary Class Instruction...1
 MUSIC 216 Brass - Elementary Class Instruction...1
 MUSIC 217 Percussion - Elementary Class Instruction...1
 MUSIC 218 Guitar - Elementary Class Instruction...1
 MUSIC 243 Diction I...1
 MUSIC 260 Electro-Acoustic Music Composition I...2
 MUSIC 266 Elements of Jazz II...2

OR

MUSIC 290 Body Modalities...2

also listed as

DANCE 290 Body Modalities...2

Language Requirement. *(no change)*

Graduation Writing Assessment Requirement. *(no change)*

Major. Track 2 – General: *(no change)*

Changes: *MUSIC 206A and MUSIC 206B removed from core requirements; Six units of lower division music electives selected from... changed to Eight. MUSIC 206A and MUSIC 206B added to lower division elective options.*

3. Change in subprogram.

Music

Music, Performance Specialization,

B.M. in Applied Arts and Sciences

(Major Code: 10041) (SIMS Code: 665381)

Paragraphs 1-2 *(no change)*

Preparation for the Major *(no change)*

Performance *(no change)*

Language Requirement. *(no change)*

Graduation Writing Assessment Requirement. *(no change)*

Major. Performance. *(no change)*

(String majors must include two units of Music 516; Music 541, 554.)

Remainder of description *(no change)*

Change: Units for string majors changed from *three* to *two* for *MUSIC 516*.

4. Change in subprogram.

Music

Music, Global Composition Specialization,

B.M. in Applied Arts and Sciences

(Major Code: 10041) (SIMS Code: 665362)

Paragraphs 1-2 *(no change)*

Preparation for the Major *(no change)*

Global Composition *(no change)*

Language Requirement. *(no change)*

Graduation Writing Assessment Requirement. *(no change)*

Major. Global Composition. (48 units)

Paragraph one *(no change)*

MUSIC 305A Comprehensive Musicianship Units: 3

MUSIC 305B Comprehensive Musicianship Units: 3

MUSIC 308A Music History I: Medieval, Renaissance, and Baroque...3

MUSIC 308B Music History II: Classical and Romantic...3

MUSIC 345 World Music in Contemporary Life...3

MUSIC 347	Conducting...1
MUSIC 360	Electro-Acoustic Music Composition II... 2 (four units)
MUSIC 405A	Comprehensive Musicianship: Orchestration, Arranging...3
MUSIC 405B	Comprehensive Musicianship: Counterpoint...3
MUSIC 408A	Music History III: 20th and 21st Centuries...3
MUSIC 451L	Performance Studies: Composition...1-2 (four units)
MUSIC 460	Art of Recording...3
MUSIC 507	Composition Laboratory...1 (two units)
MUSIC 560	Music and Visual Media...3
MUSIC 561	Area Studies: Ethnomusicology...3
MUSIC 595	Stylistic Composition in Contemporary Media...2

Two Units Selected from

MUSIC 370 -389

Remainder of description (*no change*)

Changes: *MUSIC 595* added to major. *Four units selected from* changed to *Two (for Music 370-389)*.

NUTRITION

1. Change to needs met by course, prerequisite.

Nutrition

NUTR 404. Food Systems Management (3)

Prerequisite: Nutrition 303.

Remainder of description (*no change*)

Change: Satisfies Degree/Major. Prerequisite changed from *Credit or concurrent registration in Nutrition 303* to what is presented above.

2. Change in program.

Nutrition

Foods and Nutrition, B.S. in Applied Arts and Sciences

(Major Code: 13061) (SIMS Code: 552931)

Paragraph one (*no change*)

Paragraph two (*no change*)

Preparation for the Major (44 units)

NUTR 200	Overview and Opportunities...1
NUTR 201	Fundamentals of Nutrition Units: 3
NUTR 203	Cultural Aspects of Food and Nutrition Units: 2
NUTR 205	Introduction to Science of Food Units: 4
BIOL 100	General Biology Units: 3
BIOL 100L	General Biology Laboratory Units: 1

BIOL 211	Fundamentals of Microbiology Units: 2
BIOL 211L	Fundamentals of Microbiology Laboratory Units: 2
BIOL 212	Human Anatomy Units: 4
CHEM 100	Introduction to General Chemistry with Laboratory Units: 4
CHEM 130	Elementary Organic Chemistry Units: 3
CHEM 160	Introductory Biochemistry Units: 3
ECON 201	Statistical Methods Units: 3

OR

STAT 250	Statistical Principles and Practices Units: 3 But not both.
PSY 101	Introductory Psychology Units: 3
SOC 101	Introductory Sociology: The Study of Society Units: 3

Graduation Writing Assessment Requirement (*no change*)**International Experience** (*no change*)**Major.** A minimum of 40 upper division units to include:

NUTR 302	Advanced Nutrition ... 3
NUTR 302L	Advanced Nutrition Laboratory ... 2
NUTR 303	Quantity Food Production ... 2
NUTR 304	Nutrition Throughout the Life Span ... 3
NUTR 401	Advanced Science of Food ... 3
NUTR 404	Food Systems Management ... 3
NUTR 405	Experimental Food Science and Technology Laboratory...2
NUTR 406	Medical Nutrition Therapy I ... 3
NUTR 408	Medical Nutrition Therapy II ... 3
NUTR 510	Community Nutrition...2
NUTR 512	Nutrition for Athletes...3
BIOL 336	Principles of Human Physiology ... 3
ENS 304	Physiology of Exercise ...3

Seven units selected with the approval of the adviser from

NUTR 407	Medical Nutrition Therapy I Laboratory ... 1 ^
NUTR 409	Medical Nutrition Therapy II Laboratory...1 ^
NUTR 499	Special Study ...1-3
NUTR 511	Nutrition Education and Counseling...1^
BIOL 315	Ecology and Human Impacts on the Environment ... 3
B A 350	Management and Organizational Behavior ... 3 *
COMM 307	Communication in Professional Settings ... 3 *
COMM 371	Intercultural Communication ... 3
CSP 320	Counseling Skills and Practice ...3
CSP 400	Counseling and the Helping Professions ...3
MGT 352	Human Resource Management ... 3 *
NURS 350	Women's Health Across the Lifespan ... 3
PSY 319	Industrial and Organizational Psychology ...3 *
P H 302	Communicable and Chronic Disease ... 3 *
P H 303	Health Behavior in Community Settings ... 3 *
P H 305	Medical Care Organization and Delivery ... 3 *
P H 362	International Health... 3

Note: Biology 336 will also satisfy three units of the General Education requirement in Explorations of Human Experience IV.A. Natural Sciences.

^ Admission to the Didactic Program in Dietetics (DPD) required.

* Additional prerequisites required.

Change: Units changed from 43 to 44. Nutrition 200 *Overview and Opportunities* added to *Preparation for the Major*. ENS 200 *Introduction to Exercise and Nutritional Sciences* removed from *Preparation for the Major*. ENS 434 - *Promoting Physical Activity and Healthy Eating* removed from Major courses. Nutrition 510 and Nutrition 512 added to Major courses. *Nutrition 510 Nutrition Education and Community Health* replaced with *Nutrition 511 Nutrition Education and Counseling* in the Seven units selected from section.

PUBLIC HEALTH

1. Change to prerequisites.

Public Health

P H 490B. Planning Public Health Programs (3)

Prerequisites: Public Health 304 and Public Health 306.

Remainder of description (*no change*)

Changes: Prerequisites changed from *Public Health 304* and *Public Health 490A* to what is presented above.

2. Change to needs met by course, prerequisites.

Public Health

P H 603. Behavioral and Social Science in Public Health (3)

Prerequisite: Graduate standing.

Remainder of description (*no change*)

Changes: Satisfies *Degree/Major*. Prerequisites changed from *Psychology 316*, *Psychology 340*, and *Sociology 436* to what is presented above.

POLITICAL SCIENCE

1. Change to abbreviated title, needs met by course, and title.

Political Science

INTRO TO GLOBAL POLITICS

POL S 104. Introduction to Global Politics (3) (GE)

Prerequisite: (*no change*)

Remainder of description (*no change*)

Changes: Abbreviated title changed from *GLOBAL POLITICS* to what is presented above. Satisfies *Degree/Major, Minor*. Title changed from *Global Politics* to what is presented above.

PORTUGUESE

1. Change to description, needs met by course; added as GE.

Portuguese

PORT 443. Contemporary Luso-Brazilian Civilization (3) (GE)

Prerequisite: *(no change)*

Cultural, ethnic, geographic, historical, political, and social factors of modern Brazil and Portugal.

Changes: Description changed from *Historical, cultural socioeconomic, ethnic, geographic, and political factors of modern Brazil and Portugal* to what is presented above. Added to GE fulfillment area *IVC*. Satisfies *Degree/Major, Minor*.

2. Change in program.

Portuguese

**Portuguese and Brazilian Language and Cultures Minor
(Minor Code: 11079) (SIMS Code: 115702)**

The minor in Portuguese and Brazilian language and cultures consists of a minimum of 15 units, nine of which must be approved upper division courses taught in Portuguese. Any course taught in English needs department approval to apply to the minor requirements.

The following courses are acceptable for the Portuguese and Brazilian language and cultures minor: Portuguese 101, 102, 110, 203, 204, 299, 306 [or Latin American Studies 306], 307 [or Latin American Studies 307], 311, 312, 443, 499, 530, 535, 540.

Paragraph 3 *(no change)*

Change: The title of the minor changed from *Portuguese and Brazilian Studies* to *Portuguese and Brazilian Language and Cultures*.

RECREATION AND TOURISM MANAGEMENT

1. Change to department, course statement, needs met by course, subject/abbreviation.

Recreation and Tourism Management

RTM 100. Sustainable Self-Development (3) (GE)

Remainder of description *no change)*

Formerly numbered Professional Studies and Fine Arts 100.

Changes: Department changed from *Professional Studies and Fine Arts* to *Recreation and Tourism Management*. Formerly numbered *Professional Studies and Fine Arts 100* added to course statement. Satisfies *Concentration/Emphasis/Specialization*. Subject/abbreviation changed from *PSFA* to *RTM*.

SOCIOLOGY

1. Change to abbreviated title, course statement, description, prerequisite, title.

Sociology

CULT ORIGINS OF SURF (C-1)

SOC 330. Cultural and Historical Origins of Surfing (3) (GE)

Prerequisite: Sociology 101 or Sport and Society Minor.

Surfing from Hawaiian origins to the early 20th century. Special emphasis upon cultural differences between Polynesian and Western societies. Phenomenology of surfing.

Changes: Abbreviated title changed from *CULT AND HIST OF SURFING* to what is presented above. Formerly numbered *Sociology 210* removed from Course Statement. Description changed from *Surfing from Hawaiian origins to present. Class, gender, and racial intersectionality within surfing communities. Cultural differences between Polynesian and Western societies. Surfing subcultures and dominant cultures* to what is presented above. Prerequisite changed from *Sociology 101 with a grade of C (2.0) or better* to what is presented above. Title changed from *Culture and History of Surfing* to what is presented above.

SPEECH, LANGUAGE, AND HEARING SCIENCES

1. Change in program.

Speech, Language, and Hearing Sciences

**Speech, Language, and Hearing Sciences, B.S. in Applied Arts and Sciences
(Major Code 12203) (Previous SIMS Code: 550107) (New SIMS Code: XXXXXX)**

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 the major.

Preparation for the Major. (18-20 units)

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

SLHS 150 Sign Languages and Deaf Culture...3

BIOL 100 General Biology...3

PHYS 180A Fundamentals of Physics...3

OR

CHEM 100	Introduction to General Chemistry with Laboratory...4 (But not both)
PSY 101	Introductory Psychology...3
PSY 280	Statistical Methods in Psychology...4
OR	
SOC 201	Elementary Social Statistics...3 (But not both)
OR	
STAT 119	Elementary Statistics for Business...3 (But not both)
OR	
STAT 250	Statistical Principles and Practices...3 (But not both)

Graduation Writing Assessment Requirement. (*no change*)

International Experience. (*no change*)

Major.

Students pursuing a graduate degree should consult the Graduate Bulletin for required undergraduate preparation.

SLHS 300	Introduction to Language Science...3
SLHS 305	Hearing Science...3
SLHS 320	Phonetics...3
SLHS 321	Anatomy and Physiology of Speech...4
SLHS 340	Principles of Audiology...3
SLHS 510	Guided Observations...1
OR	
SLHS 595	Research Practicum...1-3 (1 unit)
SLHS 511	Aural Rehabilitation...3
SLHS 512	Phonological Acquisition and Disorders...3
SLHS 513	Foundations of Speech-Language: Development...4
SLHS 514	Foundations of Speech-Language: Differences and Disorders in Children...3
SLHS 539	Neuroanatomy and Disorders of Speech and Language...3
SLHS 580	Communication Processes and Aging...3

Time Limitation. (*no change*)

Changes: Degree changed from *B.A. in Liberal Arts and Sciences* to *B.S. in Applied Arts and Sciences*; *PSY 260* removed from *Preparation for the Major*; *language requirement* removed; *Preparation for the Major* units changed from 21-23 to 18-20; *major* units changed from 32 to 36. *SLHS 510 OR 595* added to *Major*; *SLHS 511* added to *Major*.

TEACHER EDUCATION

1. Change to description, GE fulfillment, number, prerequisites, and course statement.

Teacher Education

TE 472. Ethnic Identity Development in Education (3) [GE]

Prerequisite(s): Upper division standing.

Ethnic and racial identity exploration and development through curriculum for improving academic achievement of students in K-12 schools. Ethnic and racial socialization of children and identity exploration of American ethnic groups.

Course Statement: Formerly numbered Teacher Education 512.

Changes: Description changed from *Racial and ethnic identity development through curriculum for improving academic achievement of students in K-12 schools. Racial and ethnic socialization of children and identity development of American ethnic groups* to what is presented above. Number changed from 512 to 472. GE fulfillment area IVB added. Prerequisite changed from *Consent of instructor* to what is presented above. Formerly numbered Teacher Education 512 added to course statement.

Report prepared and respectfully submitted by Curriculum Services on behalf of the Undergraduate Curriculum Committee.

TO: SEC/University Senate

FROM: Adrienne D. Vargas, Vice President, University Relations and Development

DATE: September 21, 2021

RE: Information

Philanthropy Report:

ASML/CYMER made a pledge payment of \$200,000 to support the College of Sciences, Engineering and Interdisciplinary Sciences Complex.

TCF Board Member and Alumnus Terry L. Atkinson contributed \$100,000 to support the Terry L. Atkinson Endowed Professorship in Finance in the Fowler College of Business.

Alumnus Jeffrey Partrick and Trulette Clayes made a pledge payment of \$99,179 to support the Stadium Excellence Fund in the Department of Intercollegiate Athletics.

TCF Board Member and Alumni James and Janet Sinegal made pledge payments totaling \$201,200 to support the Janet Sinegal Scholarship Endowment in the College of Education, the Sinegal Guardian Scholars Housing Fund, the Jim and Janet Sinegal Endowment for the Joan and Art Barron Veterans Center, and the Jim and Janet Sinegal Guardian Scholars Business Endowed Scholarship in the Division of Student Affairs and Campus Diversity.

Alumnus Mark and C'Ann McMillin made pledge payments totaling \$70,000 to support the Stadium Excellence Fund and Director's Cabinet, in the Department of Intercollegiate Athletics.

Wendy Gillespie made a pledge payment of \$33,000 to support the Center for Advancing Global Business Endowment in the Fowler College of Business.

Alumnus William and Karen Brack made pledge payments totaling \$29,166 to support the William and Karen Brack Endowed Professorship in Finance in the Fowler College of Business, Aztec Club Director's Cabinet and the Stadium Excellence Fund in the Department of Intercollegiate Athletics.

Alumnus John W. Scannell made pledge payments totaling \$25,000 to support the Athletics General Excellence Fund in the Department of Intercollegiate Athletics and the Guardian Scholars Program in the Division of Student Affairs and Campus Diversity.

TCF Board Chair and Alumni Nikki and Ben Clay have committed to a pledge of \$550,000 to support the Ben and Nikki Clay Mission Valley River Park Endowment in the Division of Business and Financial Affairs.

The Lipin Family Foundation made a grant of \$250,000 to support San Diego State University.

TCF Board Member and Alumni Mike and Chris Pack have committed to a pledge of \$300,000 to support the Mike and Chris Pack Mission Valley River Park Endowment in the Division of Business and Financial Affairs.

TC Construction Company has committed to a pledge of \$25,000 to support the AGC Construction Management Endowed Chair in the College of Engineering and a pledge of \$125,000 to support the Director's Cabinet, supporting student-athletes in the Department of Intercollegiate Athletics.

Del Mar Healthcare Inc. made a gift of \$100,000 to support the Del Mar Healthcare, Inc. Fund for CEAL in the College of Health and Human Services.

Swinerton Builders have committed to a pledge of \$100,000 to support the AGC Construction Management Endowed Chair in the College of Engineering.

Alumnus Timothy Day made a gift of \$100,000 to support the Thomas B. Day Awards for Excellence in Physics Endowment and Award Fund in the College of Sciences.

Solar Turbines, Inc. made a gift of \$55,000 to support the Solar Turbines Center for Industrial Training and Engineering Research Partnership in the College of Engineering.

Alumnus Dennis and Elaine Szeto have committed to a pledge of \$100,000 to support the Dennis and Elaine Szeto Endowed Professorship in Finance in the Fowler College of Business.

Jack W. Goodall Family Foundation made a gift of \$50,000 to support the Aztec Club Director's Cabinet, supporting student-athletes in the Department of Intercollegiate Athletics.

Gerald Starek made a gift of \$50,000 to support the Stadium Excellence Fund in the Department of Intercollegiate Athletics.

Bob and Nancy Leone have committed to a pledge of \$95,000 to support the Director's Cabinet, supporting student-athletes in the Department of Intercollegiate Athletics.

MRC Smart Technology Solutions made a gift of \$45,000 to support the Aztec Club Director's Cabinet, supporting student-athletes in the Department of Intercollegiate Athletics.

CenterPoint Securities, LLC has committed to a pledge of \$37,000 to support the Stadium Excellence Fund in the Department of Intercollegiate Athletics.

A Plus, Inc. made a gift of \$30,000 to support the Chinese Cultural Center Endowment in the College of Education.

Richard and Jan Hunter made a gift of \$30,000 to support the Coach Fisher Basketball Endowment and \$30,000 to the Aztec Excellence Endowment in the Department of Intercollegiate Athletics.

Alumnus Jason Shidler made a gift of \$25,214 to support the Aztec Club Director's Cabinet, supporting student-athletes in the Department of Intercollegiate Athletics.

Ron Fowler made a gift of \$25,000 to support the Thomas B. Day Awards for Excellence in Physics Endowment in the College of Sciences.

Procede Software made a gift of \$25,000 to support the Stadium Excellence Fund in the Department of Intercollegiate Athletics.

Darrel and Susan Edwards have committed to a pledge of \$40,500 to support the Stadium Excellence Fund in the Department of Intercollegiate Athletics.

Alumna Stefanie O'Sullivan and Danny Drysdale have committed to a pledge of \$27,000 to support the Stadium Excellence Fund in the Department of Intercollegiate Athletics.

Alumna Genevieve Crecelius and Paul Crecelius have contributed \$35,000 to support the Paul Kurtz and Genevieve Jane Crecelius Endowed Scholarship in Chemistry in the College of Sciences and Paul Kurtz and Genevieve Jane Crecelius Endowed Scholarship in Accounting in the Fowler College of Business.

Faculty Emeriti Thomas and Randi McKenzie have contributed \$51,000 to support the Thomas and Randi McKenzie Fund for Experiential Theatre Opportunities and the SDSU Performing Arts Troupe in the College of Professional Studies and Fine Arts, the Thomas L. McKenzie Student Research Grant in the College of Health and Human Services, The Wallace, Shatsky, Blackburn Courage Through Cancer Fund and the EOP Community Care Fund in the Division of Student Affairs and Campus Diversity.

Presidential & Special Events:

President de la Torre hosted the Presidential Staff Excellence Awards reception on Thursday, August 12 at the University House where she recognized the contributions and efforts made by 13 staff members in support of the University, the community and their fellow employees.

On Thursday, August 19, the All-University Convocation was held in Montezuma Hall at the Conrad Prebys Aztec Student Union. President de la Torre addressed approximately 600 faculty, staff, alumni and community members during the program (550 in person and 50 via live stream). As of August 19, 590 were registered to attend and the breakdown was:

- 4 alumni/community member
- 160 faculty
- 426 staff

As of September 1, there were 831 views of the event live stream.

The SDSU Alumni Distinguished Faculty Award and Presidential Staff Excellence Award recipients were also recognized during the All-University Convocation. Additionally, the inaugural SDSU Lifetime Achievement Award was presented to Jim Herrick from University Relations and Development. Directly following the program, guests were treated to a “grab and go” lunch.

The inaugural 125th Anniversary Advisory Board meeting was held on Thursday, August 30 in the Library Conference Room in Manchester Hall. The advisory board includes members of The Campanile Foundation and SDSU Alumni boards along with campus representatives. The President welcomed the board, thanked them for their service and discussed the importance of celebrating the 125th anniversary. The Provost provided an overview of the importance of the advisory board and Seth Mallios provided the information about the anniversary-inspired walking tours and calendar. Chris Lindmark shared the proposed calendar of events that will be held over the 18-month time period of March 14, 2022 to November 1, 2023. La Monica Everett-Haynes showcased draft anniversary logos and the content template for the anniversary website.

Impact of Philanthropy:

[See attached brochure.](#)