

To: Senate Executive Committee / Senate
From: Larry S. Verity, Chair
Undergraduate Curriculum Committee
Date: January 16, 2018
Re: 2020-2021 *General Catalog*

INFORMATION (11-02-19)

DANCE

1. Deactivation of course.

Dance

DANCE 183. Rhythmic Analysis (2)

One lecture and two hours of activity.

Music as related to movement; notation and simple music forms applied to all movement activities; percussion accompaniment; writing of percussion scores, music repertoire for dance.

Change(s): Course is being deactivated.

HUMANITIES

1. New course

Humanities

HUM 201. The Body: Identity, Crisis, Resistance (3) [GE]

How bodies shape our understanding of ourselves and others across multiple spheres of private and public life. The body and identity, physiological health challenges and solutions, and the social power of physical movement.

LESBIAN, GAY, BISEXUAL, AND TRANSGENDER STUDIES

1. New course.

Lesbian, Gay, Bisexual, and Transgender Studies

LGBT 101. Introduction to LGBTQ+ Studies (3) [GE]

Diversity of LGBTQ+ communities, identities, politics, sexual and gender bodies. Intersectionality of age, class, color, embodiment, ethnicity, gender, personhood, religion, and sexuality.

LINGUISTICS

1. New course.

Linguistics

LING 251. Dialects of English (3) [GE]

Regional and social diversity of English dialects in the United States and elsewhere to include differences in grammar, pronunciation, and vocabulary.

2. New course.

Linguistics

LING 252. Language Across the Lifespan (3) [GE]

Cognitive benefits of bilingualism. Effects of normal and pathological aging on language knowledge and use. Language learning in cognitively impaired individuals. Native and second language acquisition and use in childhood and adulthood. Sociological factors affecting language use.

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

To: Senate Executive Committee / Senate

From: Larry S. Verity, Chair
Undergraduate Curriculum Committee

Date: February 12, 2018

Re: 2020-2021 *General Catalog*

INFORMATION (2I-03-19)

ECONOMICS

1. Change in program.

Economics

Economics Major

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

(Major Code: 22041) (SIMS Code: 111901)

Paragraphs 1-2 (*no change*)

Preparation for the Major. Economics 101, 102; Economics 201 or Statistics 119 or 250; one course selected from Mathematics 120, 124, or 150; Management Information Systems 180. (15 units)

Remainder of description (*no change*)

Change(s): Dropped ACCTG 201 from preparation for the major section.

2. Change in program.

Economics

Economics Major

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

(Major Code: 22041)

Emphasis in International Economics

(SIMS Code: 111920)

Preparation for the Major. Economics 101, 102; Economics 201 or Statistics 119 or 250; Mathematics 120, 124, or 150; Management Information Systems 180. (15 units)

Remainder of description (*no change*)

Change(s): Dropped ACCTG 201 from preparation for the major section.

3. Change in program.

Economics

Economics Major

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

(Major Code: 22041)

Emphasis in Public Policy

(SIMS Code: 111961)

Preparation for the Major. Economics 101, 102; Economics 201 or Statistics 119 or 250; Mathematics 120, 124, or 150; Communication 160; Management Information Systems 180. (18 units)

Remainder of description (*no change*)

Change(s): Dropped ACCTG 201 from preparation for the major section.

4. Change in program.

Economics

Economics Major

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

(Major Code: 22041)

Specialization in Quantitative Analysis

(SIMS Code: 111970)

Preparation for the Major. Economics 101, 102; Economics 201 or Statistics 119 or 250; Mathematics 150; Management Information Systems 180. (16 units)

Remainder of description (*no change*)

Change(s): Dropped ACCTG 201 from preparation for the major section.

RHETORIC AND WRITING STUDIES

1. Change to prerequisite.

Rhetoric and Writing Studies

RWS 250. Rhetoric in Everyday Life (3) [GE]

Rhetorical analysis of written, visual, and electronic texts. How rhetorical theories and perspectives help us understand the workings of popular culture, political discourse, visual images, legal arguments, social media, and other texts encountered in everyday life.

Change(s): *Rhetoric and Writing Studies 100 [or English 100] or 105B and Rhetoric and Writing Studies 200 [or English 200] or Journalism and Media Studies 210* deleted from prerequisites.

SOCIOLOGY

1. New course.

Sociology

SOC 115. Body and Society (3) [GE]

Relationship between the body and society and the body as a product of complex social arrangements, interactions, and processes. The body and aging, consumer culture, dying, health, inequalities, life course, and as an object of social control and regulation.

WOMEN'S STUDIES

1. Change to description, general education, and title.

Women's Studies

WMNST 101. Gender: Self, Identity, and Society (3) [GE]

Interdisciplinary introduction to women's studies thought and scholarship, to include topics such as body image, family structures, personality development and self-concept, relationships, reproduction, violence and health. Intersections of ability, class, gender and gender identity, race, sexual orientation.

Change(s): Description updated from *Interdisciplinary introduction to women's studies thought and scholarship in the social sciences*, to include such areas as *gender-based language, personality development and self-concept, social evolution, family structures, and economic life* to what is presented above. GE area changed from IIB to III—Area E. Title updated from *Women: Self, Identity and Society* to what is presented above.

To: Senate Executive Committee / Senate

From: Larry S. Verity, Chair
Undergraduate Curriculum Committee

Date: August 15, 2018

Re: 2019-2020 *General Catalog*

THEATRE

1. Change in program.

Theatre

Theatre Arts Major

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

Emphasis in Design and Technology

Paragraphs 1-3 (*no change*)

Preparation for the Major. Theatre 100, 115 (recommended) or 130, 120, 240, Television, Film and New Media 160 (15 units). Theatre 100, 120, and 240 must be completed with a grade of C (2.0) or better and cannot be taken credit/no credit (Cr/NC).

Graduation Writing Assessment Requirement. (*no change*)

Major. A minimum of 39 upper division units in theatre to include Theatre 325, 359, 440 or Television, Film, and New Media 350, Theatre 442A or 442B, 446A or 446B, 447, 449, 452, 460A, 460B, 530A or 530B; and six units selected from Theatre 335, 490, 540, 547, 548, 552, 561, Television, Film, and New Media 550, 551, 558, 559, international exchange option; and four units selected from Theatre 349, 539, 541, 542, 544, 545, 546, 549, 550, 551, 554A, 554B, 556, 557, 564.

Change(s): *For the theatre* omitted from emphasis name. Theatre 111 removed from and 130 added to prep section. Major section updated from *A minimum of 37 upper division units in theatre to include Theatre 325, 359, 440, 442A or 442B, 446A, 446B, 447, 452, 460A, 460B, 530A or 530B; and three units selected from Theatre 540, 547, 548, 552; and four units selected from Theatre 349, 448, 539, 541, 545, 546, 549, 550, 554A, 554B* to what is reflected above.

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

To: Senate Executive Committee / Senate

From: Larry S. Verity, Chair
Undergraduate Curriculum Committee

Date: March 13, 2018

Re: 2020-2021 *General Catalog*

INFORMATION (3I-04-19)

ENGLISH

1. New course.

ENGL 157. Comics and History (3) [GE]

(Same course as History 157)

Aesthetics, interplay of texts and images, visual communication, and changes over time.

HISTORY

1. New course.

HIST 157. Comics and History (3) [GE]

(Same course as English 157)

Aesthetics, interplay of texts and images, visual communication, and changes over time.

2. Change in program.

History

The Major

Paragraph 1 (*no change*)

The specialization in history for teachers is intended for students who aspire to become masterful teachers of history/social science. This specialization provides the broad expertise necessary to teach the modern U.S. and world history that is taught in California high schools, and the earlier world history taught in junior high schools, combined with skills in research, writing, contextualization, and analysis of evidence worthy of a history major. This specialization prepares students for graduate school and other history careers while grounding them in the historical knowledge and skills necessary for admittance to credentialing programs in education.

The specialization in public histories develops expertise in the transformative effects of history on communities and public understandings of the past. It integrates cutting edge digital technology with advanced methods in oral history, spatial history, museum studies, archives and preservation, and public engagement. This specialization

prepares students for careers in community, local history, and public service organizations, museums, archives, and historic sites, including state and national government park and historical services, as well as for graduate programs in public history, archival and library sciences, and other fields.

The specialization in U.S. history offers the opportunity to explore in depth the history of the society around us and its links to the rest of the world. This specialization trains graduates who are prepared to apply historical skills and understanding to the complex challenges of U.S. society, past and present. It prepares students for careers in law, public service, charitable foundations and non-profit organizations, journalism and public history settings, and serves as preparation for graduate studies in history, political science, and other fields.

The specialization in world history and global affairs offers a pragmatic and intellectually engaging curriculum for students interested in transregional affairs, past and present. This specialization produces graduates who are true global citizens, by exposing them to diverse cultural legacies and to a range of comparative and transregional world historical approaches. This specialization prepares students for careers in international affairs, diplomacy, military, intelligence, journalism, and government and non-profit organizations, as well as for entry into graduate programs in world history, anthropology, political science, and other fields. In addition to satisfying the general requirements for history majors, students who select the specialization in world history and global affairs must complete 12 upper division units in a coherent geographical, temporal, or thematic field, in consultation with a faculty adviser; for example, the Mediterranean, the nineteenth century, war and human history, or international relations history.

Impacted Program

The history major is an impacted program. To be admitted to the history major, students must meet the following criteria:

- a. Complete with a minimum GPA of 2.20 and a grade of C (2.0) or better: History 100, 101, **and six lower division units of history electives**. These courses cannot be taken for credit/no credit (Cr/NC);

Remainder of section (*no change*)

History Major

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

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

Paragraphs 1-2 (*no change*)

Preparation for the Major. History 100, 101, **and six lower division units of history electives**. (12 units)

These prerequisite courses may not be taken Cr/NC and must be completed with a minimum GPA of 2.20 and a grade of C (2.0) or better in each class.

Language Requirement. (*no change*)

Graduation Writing Assessment Requirement. (*no change*)

Major. A minimum of 30 upper division units in history with at least nine units of 500-level history courses. Students must complete History 400 and three units selected from History 450, 451, 452, 455.

A minimum of three upper division units selected from courses on ancient through early modern history: History 407, 411, 415 [or Latin American Studies 415], 420, 473, 500, 501, 502, 503, 504 [or Humanities 504], 505, 506 [or Humanities 506], 507 [or Religious Studies 507], 508, 528, 550, 566, and, depending on specific content, History 406, 442, 496, 499, 514, 580, 581, 582, 583, 584, 586.

A minimum of three upper division units selected from history courses outside of Europe and the Americas after 1500 CE: History 421 [or Asian Studies 421], 425 [or Asian Studies 425], 474, 516, 567, 570, 574, and, depending on specific content, History 442, 496, 499, 580, 581, 582, 583, 584, 585, 586.

All students must complete an additional 18 upper division units of electives in history. Students may complete one of the specializations below in partial fulfillment of the 18 unit requirement.

Specialization in History for Teachers: Nine units selected from History 410, 411, 412, 442. See undergraduate adviser in history for requirements to become a California history or social science teacher, to include recommended courses from other departments.

Specialization in Public Histories: Nine units selected from History 445, 451 or 452 (whichever is not completed in the core), 455. Students who select the specialization in public histories must complete a history internship experience to be satisfied by completion of History 452 or an equivalent internship or volunteer experience.

Specialization in U.S. History: Fifteen units selected from History 402, 406, 422 [or Asian Studies 422], 441, 445, 496, 499, 532, 533, 534, 535, 536, 537, 539, 540 (offered only at SDSU-IV), 544A, 544B, 545, 548 [or Chicana and Chicano Studies 548], and, depending on specific content, History 435, 442, 580, 581, 582, 583, 584, 585.

Specialization in World History and Global Affairs: Fifteen units in a coherent geographical, temporal, or thematic field, in consultation with a faculty adviser, with three units selected from History 411, 412, 441, 516, 544B, 553 [or Latin American Studies 553], 557, 558, 586. Students who select the specialization in world history and global affairs must also complete an international experience to be satisfied by (1) a CSU study abroad program, (2) an SDSU exchange program, (3) an SDSU study abroad program, or (4) an SDSU study travel program.

Up to six units from other departments may be applied to the history major upon written approval of the undergraduate adviser.

Change(s): Program description updated to align with editorial changes and include specializations. Impact description and preparation for the major section updated with a select-from option of six lower division units of history electives. Major courses updated and fields A, B, and C replaced with four specializations.

MATHEMATICS

1. Change to course statement and number.

MATH 140. College Algebra (3) [GE]

Solution of equations and inequalities, systems of equations, graphs and attributes of functions (transformations, end behavior, domain, range), polynomial and exponential functions. Not open to students with credit in Mathematics 120, 124, 141, or 150. (Formerly numbered Mathematics 105.)

Change(s): *Formerly numbered* statement added. Number changed from 105 to 140.

2. Change to prerequisite.

MATH 141. Precalculus (3) [GE]

Two lectures and two hours of activity.

Prerequisite: Knowledge of algebra as demonstrated by (1) satisfactory completion of Mathematics 140 with a grade of C (2.0) or better; or (2) qualification on the Mathematics Placement Assessment. **Proof of completion of prerequisite required.**

Rational, trigonometric, exponential and logarithmic functions; conic sections; parametric equations. Not open to students with credit in Mathematics 120, 124, or 150.

Change(s): MATH 105 changed to 140 in prerequisite.

3. Change in program.

Mathematics

Mathematics Major

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

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

All candidates for a degree in liberal arts and sciences must complete the graduation requirements listed in the section of this catalog on “Graduation Requirements.” No more than 60 units in mathematics and statistics courses can apply to the degree.

A minor is not required with this major.

Impacted Program. Complete with a grade of C (2.0) or better: Mathematics 150, 151, 245, 252, 254, Statistics 250, **and one course selected from Computer Science 107, 200, Statistics 200.** These courses cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better.

Preparation for the Major. Mathematics 150, 151, 245, 252, 254, Statistics 250, and one course selected from Computer Science 107, 200, Statistics 200. These courses must be completed with a grade of C (2.0) or better, and cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better. (24-25 units)

Language Requirement. (*no change*)

Graduation Writing Assessment Requirement. (*no change*)

Major. A minimum of 30 upper division units selected with approval of the departmental adviser before starting upper division work to include Mathematics 320, 330, 337, 340, 524; one course selected from Mathematics 520, 530, 531, 537, 538, 542, 543,

Statistics 551B; and 12 units of electives. Students planning to take Mathematics 499 as an elective course must obtain approval from the program adviser.

Remainder of description (*no change*)

Change(s): Completion of at least one course selected from: Computer Science 107, Statistics 200 (Introduction to Data Science with R), and Computer Science 200 (Introduction to Data Science with Python). Allow students to apply up to 60 units in mathematics and statistics courses to the program. Suppress Mathematics 541 from the list of elective courses.

4. Change in program.

Mathematics

Mathematics Major

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

(Major Code: 17031)

Emphasis in Applied Mathematics

(SIMS Code: 776313)

Paragraphs 1-2 (*no change*)

Impacted Program. Complete with a grade of C (2.0) or better: Mathematics 150, 151, 245, 252, 254, Statistics 250, **and one course selected from Computer Science 107, 200, Statistics 200.** These courses cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better.

Preparation for the Major. Mathematics 150, 151, 245, 252, 254, Statistics 250, and one course selected from Computer Science 107, 200, Statistics 200. These courses must be completed with a grade of C (2.0) or better, and cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better. (24-25 units)

Remainder of description (*no change*)

Change(s): Completion of at least one course selected from: Computer Science 107, Statistics 200 (Introduction to Data Science with R), and Computer Science 200 (Introduction to Data Science with Python). instead of just: Completion of Computer Science 107.

5. Change in program.

Mathematics

Mathematics Major

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

(Major Code: 17031)

Emphasis in Science

(SIMS Code: 776348)

Paragraphs 1-2 (*no change*)

Impacted Program. Complete with a grade of C (2.0) or better: Mathematics 150, 151, 245, 252, 254, Statistics 250, and one course selected from Computer Science 107,

200, Statistics 200. These courses cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better.

Preparation for the Major. Mathematics 150, 151, 245, 252, 254, Statistics 250, and one course selected from Computer Science 107, 200, Statistics 200. These courses must be completed with a grade of C (2.0) or better, and cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better. (24-25 units)

Remainder of description (*no change*)

Change(s): Completion of at least one course selected from: Computer Science 107, Statistics 200 (Introduction to Data Science with R), and Computer Science 200 (Introduction to Data Science with Python). instead of just: Completion of Computer Science 107.

PSYCHOLOGY

1. New course.

PSY 117. Health, Happiness, and Academic/Professional Success (3) [GE]

Evidenced-based skills to help in multiple areas of life on and off campus to include academics, mental and physical health, social connections and relationships.

To: Senate Executive Committee / Senate

From: Larry S. Verity, Chair
Undergraduate Curriculum Committee

Date: April 17, 2018

Re: 2020-2021 *General Catalog*

INFORMATION (4I-05-19)

CIVIL ENGINEERING

1. Change to prerequisites.

CIV E 218. Surveying for Civil Engineering and Construction (3)

Two lectures and three hours of laboratory.

Prerequisites: Civil Engineering 160. For civil and construction engineering majors: Mathematics 150. For construction management majors: Statistics 119.

Principles of plane surveying. Measurement of horizontal distance, difference in elevation, and angles. Traverse surveys and computations. Horizontal and vertical curves. Principles of stadia. Topographic surveys. Earthwork.

Change(s): Prerequisites updated from *Civil Engineering 160 and Mathematics 151* to what is presented above.

To: Senate Executive Committee / Senate
From: Larry S. Verity, Chair
Undergraduate Curriculum Committee
Date: November 14, 2018
Re: 2019-2020 *General Catalog*

INFORMATION (6I-12-18)

AFRICANA STUDIES

1. New course.

Africana Studies

AFRAS 102. An Afrocentric Response to Generational Trauma (3) [GE]

Generational trauma to African Americans resulting from Black Lives Matter movement, Jim Crow, Maafa, and Reconstruction. Physiological, psychological, and social impacts of generational trauma. Wholeness and healing.

ARTS AND LETTERS

1. New course.

Arts and Letters

CAL 222. Art, Sport, and Culture in Contemporary Brazil (3) [GE]

Brazilian culture and history to include capoeira, carnaval, forro, funk, ju-jitsu, samba, soccer, street art, and street theatre. Ethnic and racial diversity, nationalism, regional identity, right to urban space, rural and urban life.

DANCE

1. New course.

Dance

DANCE 153. Performance in Capstone (1)

Two hours of activity.

Performers in aesthetic, logistical, procedural, and theoretical considerations. Students admitted through audition will perform in capstone projects.

2. Deactivation of course.

Dance

DANCE 241. Modern Dance I (3)

Six hours of activity.

Development of modern dance skill with emphasis on function of alignment and articulation of extremities in motion. Maximum credit 12 units.

3. New course.

Dance

DANCE 242. Dance Techniques I (2)

Four hours of activity.

Classical, contemporary, cultural, and popular dance forms. Limit of 12 units of any combination of Dance 241, 242, 243 courses applicable to a bachelor's degree. Maximum credit ten units.

4. New course.

Dance

DANCE 243. Applied Dance Techniques (1)

Two hours of activity.

Application of classical, contemporary, cultural, and popular dance forms. Limit of 12 units of any combination of Dance 241, 242, 243 courses applicable to a bachelor's degree. Maximum credit ten units.

5. New course.

Dance

DANCE 281. Dance, Popular Culture, and Identity (3) [GE]

Psychological, sociocultural, and therapeutic functions of dance across the world from ancient ritual to contemporary pop culture as a way of understanding basic human activity and lifelong learning via arts.

6. Change in program.

Dance

Dance Major**With the B.F.A. Degree in Applied Arts and Sciences****(Major Code: 10082) (SIMS Code: 666571)**

All candidates for a bachelor of fine arts degree must complete the graduation requirements listed in the section of this catalog on "Graduation Requirements." The maximum number of upper division units in dance courses acceptable toward the bachelor of fine arts degree is 79.

Paragraphs 2-6 (*no change*)

Preparation for the Major. Dance 100D (one unit), 140, 145, 156, 171, 181, 190 (one unit), 210 (two units), 221 (four units), 242 (six units), 243 (four units), 245, 289, 290 [or Music 290] (two units); Biology 100. (39 units)

Paragraphs 2-3 in preparation section (*no change*)

Language Requirement. (*no change*)

Graduation Writing Assessment Requirement. (*no change*)

Major. A minimum of 40 upper division units to include Dance 300 (one unit), 345, 356 (one unit), 365 (two units), 371, 380, 385, 390 [or Music 390] (one unit), 410 (two units), 421 (four units), 442 (eight units), 443 (three units), 453, 471, 481; and two additional units from Dance 356 and/or 390 [or Music 390].

Change(s): *Maximum number of units* statement in first paragraph updated from 70 to 79. Preparation for the Major section updated from *Dance 100D, 140, 145, 156, 171, 181, 190, 210, 221 (four units), 241 (12 units), 245, 289, 290 [or Music 290]; Biology 100. (41 units)* to what is presented above. Major section updated from *A minimum of 40 upper division units to include Dance 345, 356, 365 (two units), 371, 380, 385, 390 [or Music 390], 410, 421 (four units), 441 (12 units), 453, 471, 481; and two additional units selected from one of either Dance 356 or 390 [or Music 390]* to what is presented above.

7. Change in program.

Dance

Dance Major

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

(Major Code: 10081) (SIMS Code: 666517)

All candidates for a degree in liberal arts and sciences must complete the requirements listed in the section of this catalog on “Graduation Requirements.” No more than 62 units in dance courses can apply to the degree.

Paragraphs 2-5 (*no change*)

Preparation for the Major. Dance 100D (one unit), 140, 145, 156, 171, 181, 190 (one unit), 210 (two units), 221 (four units), 242 (four units), 243 (two units), 281, 289, 290 [or Music 290] (two units); Biology 100. (35 units)

Dance 290 [or Music 290] must be completed with a grade of C (2.0) or better.

Language Requirement. (*no change*)

Graduation Writing Assessment Requirement. (*no change*)

Major. A minimum of 25 units to include Dance 300 (one unit), 356 (one unit), 371, 380, 385, 390 [or Music 390](one unit), 410 (two units), 421 (four units), 442 (four units), 443 (two units), 481; and one to three performance units selected from Dance 365, 410, and 453.

Change(s): *Maximum number of units* statement in first paragraph updated from 55 to 62. Preparation for the Major section updated from *Dance 100D, 140, 145, 156, 171, 181, 190, 221 (four units), 241 (six units), 245, 289, 290 [or Music 290]; Biology 100. (33 units) Dance 190, 290 [or Music 290] must be completed with a grade of C (2.0) or better* to what is presented above. Major section updated from *A minimum of 25 upper*

division units to include Dance 345, 371, 380, 385, 390 [or Music 390] (two units), 410, 441 (six units), 481; and three units of upper division dance electives to what is presented above.

8. Change in program.

Dance

Dance Minor

(Minor Code: 10081) (SIMS Code: 666516)

Paragraphs 1-2 (*no change*)

The minor in dance consists of a minimum of 17-21 units in dance, to include Dance 100D (one unit), 100I, 156, 181, 221 (two units), and 382. Remaining units, of which six must be in upper division, selected from Dance 145, 190, 210, 242, 243, 281, 289, 290 [or Music 290], 300, 356, 365 (by audition only,) 371*, 380, 390 [or Music 390], 410, 421, 442, 443, 471*, and 481.

Courses in the minor may not be counted toward the major, but may be used to satisfy preparation for the major and general education requirements, if applicable. Students in the minor shall consult an adviser to select coursework appropriate to a focus area.

A minimum of six upper division must be completed in residence at San Diego State University.

*Additional prerequisite required.

Change(s): Minor description updated from the minor in dance consists of a minimum of 20-21 units in dance, of which nine units must be upper division, to include Dance 145, 181, 245, 380, 481, and either Dance 221 or 241; and four to five units selected from Dance 371, 382, 421, 441, 471*. Courses in the minor may not be counted toward the major, but may be used to satisfy preparation for the major and general education requirements, if applicable. A minimum of six upper division units must be completed in residence at San Diego State University to what is presented above.*

GENERAL STUDIES

1. New course.

General Studies

GEN S 147. Data Literacy: Human Choices Behind the Numbers (3) [GE]

How social scientists use data, presentation of empirical analysis, and role of assumptions and choices in analyses.

HOSPITALITY AND TOURISM MANAGEMENT

1. New course.

Hospitality and Tourism Management

HTM 219. Hospitality, Recreation, and Tourism Professions (3)

Prerequisite: Hospitality and Tourism Management 201 or Recreation and Tourism Management 101.

Investigation of professional identities through review of literature, collection of data, analysis, and synthesis of findings/results.

2. Change in program.

Hospitality and Tourism Management

Hospitality and Tourism Management Major

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

(Major Code: 05081)

Emphasis in Hotel Operations and Management

(SIMS Code: 663102)

Preparation for the Major. Hospitality and Tourism Management 201, 219, 223, 250; Accountancy 201; Economics 101, 102; Recreation and Tourism Management 290; Rhetoric and Writing Studies 290, and Statistics 119 or Economics 201. (30 units)

These prerequisite courses may not be taken Cr/NC. The minimum grade in each class is C (2.0) or better.

Graduation Writing Assessment Requirement. *(no change)*

International Experience. *(no change)*

Major. A minimum of 46 upper division units to include Hospitality and Tourism Management 301, 330, 380, 398, 432, 480, 490, 491, 498; and two units of electives selected from Hospitality and Tourism Management 333, 430, 431, 433, 435, or Theatre 476; Business Administration 323, 350, 360, 370; Management 352; Recreation and Tourism Management 404, 470.

Change(s): Preparation for the Major section updated from *Hospitality and Tourism Management 201, 223, 250; Accountancy 201; Economics 101, 102; Management Information Systems 180; Mathematics 120 or 150; Rhetoric and Writing Studies 290, and Statistics 119 or Economics 201. (30-31 units)* to what is presented above. Major section updated from *A minimum of 47 upper division units to include Hospitality and Tourism Management 301, 320, 380, 398, 455, 480, 490, 491, 498; and three units of electives selected from Hospitality and Tourism Management 450, 453, 456, 465; Business Administration 323, 350, 360, 370; Management 352; Recreation and Tourism Management 404, 470* to what is presented above.

3. Change in program.

Hospitality and Tourism Management

Hospitality and Tourism Management Major

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

(Major Code: 05081)

Emphasis in Meetings and Events Operations and Management

(SIMS Code: 663105)

Preparation for the Major. Hospitality and Tourism Management 201, 219, 223, 250; Accountancy 201; Economics 101, 102; Recreation and Tourism Management 290; Rhetoric and Writing Studies 290, and Statistics 119 or Economics 201. (30 units)

These prerequisite courses may not be taken Cr/NC. The minimum grade in each class is C (2.0) or better.

Graduation Writing Assessment Requirement. (no change)

International Experience. (no change)

Major. A minimum of 46 upper division units to include Hospitality and Tourism Management 301, 330, 380, 398, 432, 480, 490, 491, 498; and two units of electives selected from Hospitality and Tourism Management 333, 430, 431, 433, 435; Business Administration 323, 350, 360, 370; Management 352; Recreation and Tourism Management 404, 470.

Change(s): Preparation for the Major section updated from *Hospitality and Tourism Management 201, 223, 250; Accountancy 201; Economics 101, 102; Management Information Systems 180; Mathematics 120 or 150; Rhetoric and Writing Studies 290, and Statistics 119 or Economics 201. (30-31 units)* to what is presented above. Major section updated from *A minimum of 46 upper division units to include Hospitality and Tourism Management 301, 330, 380, 398, 431, 480, 490, 491, 498; and three units of electives selected from Hospitality and Tourism Management 333, 430, 433, 435; Business Administration 323, 350, 360, 370; Management 352; Recreation and Tourism Management 404, 470* to what is presented above.

4. Change in program.

Hospitality and Tourism Management

Hospitality and Tourism Management Major

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

(Major Code: 05081)

Emphasis in Restaurant Operations and Management

(SIMS Code: 663103)

Preparation for the Major. Hospitality and Tourism Management 201, 219, 223, 250; Accountancy 201; Economics 101, 102; Recreation and Tourism Management 290; Rhetoric and Writing Studies 290, and Statistics 119 or Economics 201. (30 units)

These prerequisite courses may not be taken Cr/NC. The minimum grade in each class is C (2.0) or better.

Graduation Writing Assessment Requirement. (no change)

Major. (no change)

Change(s): Preparation for the Major section updated from *Hospitality and Tourism Management 201, 223, 250; Accountancy 201; Economics 101, 102; Management Information Systems 180; Mathematics 120 or 150; Rhetoric and Writing Studies 290, and Statistics 119 or Economics 201. (30-31 units)* to what is presented above.

5. Change in program.

Hospitality and Tourism Management

**Hospitality and Tourism Management Major
With the B.S. Degree in Applied Arts and Sciences**

(Major Code: 05081)

Emphasis in Tribal Gaming Operations and Management

(SIMS Code: 663106)

Preparation for the Major. Hospitality and Tourism Management 201, 219, 223, 250; Accountancy 201; Economics 101, 102; Recreation and Tourism Management 290; Rhetoric and Writing Studies 290, and Statistics 119 or Economics 201. (30 units)

These prerequisite courses may not be taken Cr/NC. The minimum grade in each class is C (2.0) or better.

Graduation Writing Assessment Requirement. *(no change)*

Major. A minimum of 48 upper division units to include Hospitality and Tourism Management 301, 330, 370 [or American Indian Studies 370], 371, 372, 373, 380, 398, 480, 490, 498; Business Administration 323, 350, 360, 370; Management 352; Recreation and Tourism Management 404, 470.

Change(s): Preparation for the Major section updated from *Hospitality and Tourism Management 201, 223, 250; Accountancy 201; Economics 101, 102; Management Information Systems 180; Mathematics 120 or 150; Rhetoric and Writing Studies 290, and Statistics 119 or Economics 201. (30-31 units)* to what is presented above. Major section updated from *A minimum of 45 upper division units to include Hospitality and Tourism Management 301, 370 [or American Indian Studies 370], 371, 372, 373, 380, 398, 480, 490, 498; Business Administration 323, 350, 360, 370; Management 352; Recreation and Tourism Management 404, 470* to what is presented above.

MATHEMATICS

1. Change to course hours description, course statement, description, and number.

Mathematics

MATH 341. Mathematics Software Workshop (1)

Two hours of activity.

Prerequisite: Mathematics 150.

Lesson plan design using teacher-based technologies. (Formerly numbered Mathematics 241.)

Change(s): *Two hours of activity* added to course hours description. Formerly numbered Mathematics 241 added to course statement. Description updated from *Introduction to dynamic geometry software to include Geometer's Sketchpad and GeoGebra. Constructions in Euclidean geometry, exploration of symmetry and plane transformations, graphing of functions and algebraic equations* to what is presented above. **Number changed from 241 to 341.**

RECREATION AND TOURISM MANAGEMENT

1. New course.

Recreation and Tourism Management

RTM 290. Quantitative and Qualitative Literacy in Tourism (3)

Prerequisites: Recreation and Tourism Management 101 or Hospitality and Tourism Management 201, and Hospitality and Tourism Management 219, 223 with a minimum grade of C (2.0) in each course.

Quantitative and qualitative methods in hospitality, recreation, and tourism fields. Gathering data from sources, summarizing data points, analyses, reporting findings/results, conclusions and recommendations.

WOMEN'S STUDIES

1. Change in program.

Women's Studies

Women's Studies Major

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

(Major Code: 49991) (SIMS Code: 119501)

Paragraphs 1-2 (*no change*)

Preparation for the Major. Six units selected from Women's Studies 101, 102, and 103.

Language Requirement. (*no change*)

Graduation Writing Assessment Requirement. (*no change*)

Internship/International Experience Requirement. All women's studies majors are required to complete either Women's Studies 598 or satisfy an international experience requirement. Women's Studies 598 can be completed any semester after prerequisites are met and approved by the internship director. To meet the international experience requirement, majors must complete one of the following with the approval and written consent of the undergraduate adviser:

1. International Field Trip;
2. International Internship;
3. International Student Exchange;
4. CSU Study Abroad Program.

Major. A minimum of 30 upper division units to include 12 units from Group I; 12 units from Group II; and Women's Studies 536 and 590.

Group I: Women's Studies 310, 320, 325, 331, 336, 340, 341A-341B, 352, 355, 360, 370, 375, 382, 385; Africana Studies 332*, 473*, Chicana and Chicano Studies 340A*, Lesbian, Gay, Bisexual, and Transgender Studies 321*, 322* [or Humanities 322*], Political Science 336*, Religious Studies 370*.

Group II: Women's Studies 512, 515, 520, 522, 530, 535, 545, 560, 565, 570, 572, 580, 581, 582, 585, 596, 598*.

*No more than three units may be applied to the major in women's studies.

Change(s): Preparation for the Major section updated from *Women's Studies 101 and 102. (6 units)* to what is presented above. *Scholarships are available for the international experience. The internship and the international experience meet the student learning outcomes in the Women's Studies Department statement removed from Internship/International Experience Requirement section.* Major section updated from *A minimum of 27 upper division units to include nine units from Group I; 12 units from Group II; and Women's Studies 536 and 590. Group I: Women's Studies 310, 320, 325, 331, 336, 340, 341A-341B, 352, 360, 370, 375, 382, 385; Africana Studies 332*, 473*, Chicana and Chicano Studies 340A*, Lesbian, Gay, Bisexual, and Transgender Studies 321*, 322* [or Humanities 322*], Political Science 336*, Religious Studies 370*. Group II: Women's Studies 512, 515, 520, 522, 530, 535, 545, 560, 565, 570, 572, 580, 581, 582, 585, 596, 598** to what is presented above.

2. Change in program.

Women's Studies

Women's Studies Minor
(SIMS Code: 119501)

Paragraph 1 (*no change*)

Six units selected from Women's Studies 101, 102, and 103 and six units selected from Women's Studies 310, 320, 325, 331, 336, 340, 341A-341B, 352, 355, 360, 370, 375, 382, 385; Africana Studies 332*, 473*, Chicana and Chicano Studies 340A*, Lesbian, Gay, Bisexual, and Transgender Studies 321*, 322* [or Humanities 322*], Political Science 336*, Religious Studies 370*.

Six units selected from Women's Studies 512, 515, 520, 522, 530, 535, 536, 545, 560, 565, 570, 572, 580, 581, 582, 585, 590, 596, 598*.

Remainder of description (*no change*)

*No more than three units may be applied to the minor in women's studies.

Change(s): Minor section updated from *Women's Studies 101, 102, and six units selected from Women's Studies 310, 320, 325, 331, 336, 340, 341A-341B, 352, 360, 370, 375, 382, 385; Africana Studies 332*, 473*, Chicana and Chicano Studies 340A*, Lesbian, Gay, Bisexual, and Transgender Studies 321*, 322* [or Humanities 322*], Political Science 336*, Religious Studies 370*. Six units selected from Women's Studies 512, 515, 520, 522, 530, 535, 536, 545, 560, 565, 570, 572, 580, 581, 582, 585, 590, 596, 598** to what is presented above.

TO: Senate Executive Committee / Senate

FROM: Bey-Ling Sha, Chair
General Education Curriculum and Assessment Committee

DATE: January 16, 2019

RE: GENERAL EDUCATION PROGRAM

Action

II. FOUNDATIONS OF LEARNING

B. Social and Behavioral Sciences

New course

LING 251. Dialects of English (3) [GE]

Regional and social diversity of English dialects in the United States and elsewhere to include differences in grammar, pronunciation, and vocabulary.

III. LIFELONG LEARNING AND SELF-DEVELOPMENT

New course

HUM 201. The Body: Identity, Crisis, Resistance (3) [GE]

How bodies shape our understanding of ourselves and others across multiple spheres of private and public life. The body and identity, physiological health challenges and solutions, and the social power of physical movement.

New course

LGBT 101. Introduction to LGBTQ+ Studies (3) [GE]

Diversity of LGBTQ+ communities, identities, politics, sexual and gender bodies. Intersectionality of age, class, color, embodiment, ethnicity, gender, personhood, religion, and sexuality.

New course

LING 252. Language Across the Lifespan (3) [GE]

Cognitive benefits of bilingualism. Effects of normal and pathological aging on language knowledge and use. Language learning in cognitively impaired individuals. Native and second language acquisition and use in childhood and adulthood. Sociological factors affecting language use.

TO: Senate Executive Committee / Senate

FROM: Bey-Ling Sha, Chair
General Education Curriculum and Assessment Committee

DATE: February 12, 2019

RE: GENERAL EDUCATION PROGRAM

Action

II. FOUNDATIONS OF LEARNING

C. Arts and Humanities

**2. Humanities: History, Languages other than English,
Literature, Philosophy, Religious Studies**

Change to prerequisite

RWS 250. Rhetoric in Everyday Life (3) [GE]

Rhetorical analysis of written, visual, and electronic texts. How rhetorical theories and perspectives help us understand the workings of popular culture, political discourse, visual images, legal arguments, social media, and other texts encountered in everyday life.

III. LIFELONG LEARNING AND SELF-DEVELOPMENT

New course

SOC 115. Body and Society (3) [GE]

Relationship between the body and society and the body as a product of complex social arrangements, interactions, and processes. The body and aging, consumer culture, dying, health, inequalities, life course, and as an object of social control and regulation.

Change to description, general education, and title

WMNST 101. Gender: Self, Identity, and Society (3) [GE]

Interdisciplinary introduction to women's studies thought and scholarship, to include topics such as body image, family structures, personality development and self-concept, relationships, reproduction, violence and health. Intersections of ability, class, gender and gender identity, race, sexual orientation.

This moved from Social and Behavioral Sciences

Report prepared and respectfully submitted by Curriculum Services on behalf of the General Education Curriculum and Assessment Committee.

TO: Senate Executive Committee / Senate

FROM: Bey-Ling Sha, Chair
General Education Curriculum and Assessment Committee

DATE: March 12, 2019

RE: GENERAL EDUCATION PROGRAM

Action

II. FOUNDATIONS OF LEARNING

A. Natural Sciences and Quantitative Reasoning

4. Mathematics/Quantitative Reasoning

Change to course statement and number

°MATH 140. College Algebra (3) [GE]

Solution of equations and inequalities, systems of equations, graphs and attributes of functions (transformations, end behavior, domain, range), polynomial and exponential functions. Not open to students with credit in Mathematics 120, 124, 141, or 150. (Formerly numbered Mathematics 105.)

C. Arts and Humanities

1. Arts: Art, Cinema, Dance, Music, and Theatre

New course

ENGL 157. Comics and History (3) [GE]

(Same course as History 157)

Aesthetics, interplay of texts and images, visual communication, and changes over time.

New course

HIST 157. Comics and History (3) [GE]

(Same course as English 157)

Aesthetics, interplay of texts and images, visual communication, and changes over time.

III. LIFELONG LEARNING AND SELF-DEVELOPMENT

New course

PSY 117. Health, Happiness, and Academic/Professional Success (3) [GE]

Evidenced-based skills to help in multiple areas of life on and off campus to include academics, mental and physical health, social connections and relationships.

Report prepared and respectfully submitted by Curriculum Services on behalf of the General Education Curriculum and Assessment Committee.

SDSU 2020-2021 General Catalog
Program/Major Changes

1. Change in program.

Economics

Economics Major

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

(Major Code: 22041) (SIMS Code: 111901)

Paragraphs 1-2 (no change)

Preparation for the Major. Economics 101, 102; Economics 201 or Statistics 119 or 250; one course selected from Mathematics 120, 124, or 150; Management Information Systems 180. (15 units)

Remainder of description (no change)

Change(s): Dropped ACCTG 201 from preparation for the major section.

2. Change in program.

Economics

Economics Major

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

(Major Code: 22041)

Emphasis in International Economics

(SIMS Code: 111920)

Preparation for the Major. Economics 101, 102; Economics 201 or Statistics 119 or 250; Mathematics 120, 124, or 150; Management Information Systems 180. (15 units)

Remainder of description (no change)

Change(s): Dropped ACCTG 201 from preparation for the major section.

3. Change in program.

Economics

Economics Major

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

(Major Code: 22041)

Emphasis in Public Policy

(SIMS Code: 111961)

Preparation for the Major. Economics 101, 102; Economics 201 or Statistics 119 or 250; Mathematics 120, 124, or 150; Communication 160; Management Information Systems 180. (18 units)

Remainder of description (no change)

Change(s): Dropped ACCTG 201 from preparation for the major section.

4. Change in program.

Economics

Economics Major

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

(Major Code: 22041)

Specialization in Quantitative Analysis

(SIMS Code: 111970)

Preparation for the Major. Economics 101, 102; Economics 201 or Statistics 119 or 250; Mathematics 150; Management Information Systems 180. (16 units)

Remainder of description (no change)

Change(s): Dropped ACCTG 201 from preparation for the major section.

5. Change in program.

History

The Major

Paragraph 1 (no change)

The specialization in history for teachers is intended for students who aspire to become masterful teachers of history/social science. This specialization provides the broad expertise necessary to teach the modern U.S. and world history that is taught in California high schools, and the earlier world history taught in junior high schools, combined with skills in research, writing, contextualization, and analysis of evidence worthy of a history major. This specialization prepares students for graduate school and other history careers while grounding them in the historical knowledge and skills necessary for admittance to credentialing programs in education.

The specialization in public histories develops expertise in the transformative effects of history on communities and public understandings of the past. It integrates cutting edge digital technology with advanced methods in oral history, spatial history, museum studies, archives and preservation, and public engagement. This specialization prepares students for careers in community, local history, and public service organizations, museums, archives, and historic sites, including state and national government park and historical services, as well as for graduate programs in public history, archival and library sciences, and other fields.

The specialization in U.S. history offers the opportunity to explore in depth the history of the society around us and its links to the rest of the world. This specialization trains graduates who are prepared to apply historical skills and understanding to the complex challenges of U.S. society, past and present. It prepares students for careers in law, public service, charitable foundations and non-profit organizations, journalism and public history settings, and serves as preparation for graduate studies in history, political science, and other fields.

The specialization in world history and global affairs offers a pragmatic and intellectually engaging curriculum for students interested in transregional affairs, past and present. This specialization produces graduates who are true global citizens, by exposing them to diverse cultural legacies and to a range of comparative and transregional world historical approaches. This specialization prepares students for careers in international affairs, diplomacy, military, intelligence, journalism, and government and non-profit organizations, as well as for entry into graduate programs in world history, anthropology, political science, and other fields. In addition to satisfying the general requirements for history majors, students who select the specialization

in world history and global affairs must complete 12 upper division units in a coherent geographical, temporal, or thematic field, in consultation with a faculty adviser; for example, the Mediterranean, the nineteenth century, war and human history, or international relations history.

Impacted Program

The history major is an impacted program. To be admitted to the history major, students must meet the following criteria:

- a. Complete with a minimum GPA of 2.20 and a grade of C (2.0) or better: History 100, 101, and six lower division units of history electives. These courses cannot be taken for credit/no credit (Cr/NC);
Remainder of section (no change)

History Major

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

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

Paragraphs 1-2 (no change)

Preparation for the Major. History 100, 101, and six lower division units of history electives. (12 units)

These prerequisite courses may not be taken Cr/NC and must be completed with a minimum GPA of 2.20 and a grade of C (2.0) or better in each class.

Language Requirement. (no change)

Graduation Writing Assessment Requirement. (no change)

Major. A minimum of 30 upper division units in history with at least nine units of 500-level history courses. Students must complete History 400 and three units selected from History 450, 451, 452, 455.

A minimum of three upper division units selected from courses on ancient through early modern history: History 407, 411, 415 [or Latin American Studies 415], 420, 473, 500, 501, 502, 503, 504 [or Humanities 504], 505, 506 [or Humanities 506], 507 [or Religious Studies 507], 508, 528, 550, 566, and, depending on specific content, History 406, 442, 496, 499, 514, 580, 581, 582, 583, 584, 586.

A minimum of three upper division units selected from history courses outside of Europe and the Americas after 1500 CE: History 421 [or Asian Studies 421], 425 [or Asian Studies 425], 474, 516, 567, 570, 574, and, depending on specific content, History 442, 496, 499, 580, 581, 582, 583, 584, 585, 586.

All students must complete an additional 18 upper division units of electives in history. Students may complete one of the specializations below in partial fulfillment of the 18 unit requirement.

Specialization in History for Teachers: Nine units selected from History 410, 411, 412, 442. See undergraduate adviser in history for requirements to become a California history or social science teacher, to include recommended courses from other departments.

Specialization in Public Histories: Nine units selected from History 445, 451 or 452 (whichever is not completed in the core), 455. Students who select the specialization in public histories must complete a history internship experience to be satisfied by completion of History 452 or an equivalent internship or volunteer experience.

Specialization in U.S. History: Fifteen units selected from History 402, 406, 422 [or Asian Studies 422], 441, 445, 496, 499, 532, 533, 534, 535, 536, 537, 539, 540 (offered

only at SDSU-IV), 544A, 544B, 545, 548 [or Chicana and Chicano Studies 548], and, depending on specific content, History 435, 442, 580, 581, 582, 583, 584, 585.

Specialization in World History and Global Affairs: Fifteen units in a coherent geographical, temporal, or thematic field, in consultation with a faculty adviser, with three units selected from History 411, 412, 441, 516, 544B, 553 [or Latin American Studies 553], 557, 558, 586. Students who select the specialization in world history and global affairs must also complete an international experience to be satisfied by (1) a CSU study abroad program, (2) an SDSU exchange program, (3) an SDSU study abroad program, or (4) an SDSU study travel program.

Up to six units from other departments may be applied to the history major upon written approval of the undergraduate adviser.

Change(s): Program description updated to align with editorial changes and include specializations. Impact description and preparation for the major section updated with a select-from option of six lower division units of history electives. Major courses updated and fields A, B, and C replaced with four specializations.

Change in program.

Mathematics

Mathematics Major

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

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

All candidates for a degree in liberal arts and sciences must complete the graduation requirements listed in the section of this catalog on "Graduation Requirements." No more than 60 units in mathematics and statistics courses can apply to the degree.

A minor is not required with this major.

Impacted Program. Complete with a grade of C (2.0) or better: Mathematics 150, 151, 245, 252, 254, Statistics 250, **and one course selected from Computer Science 107, 200, Statistics 200.** These courses cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better.

Preparation for the Major. Mathematics 150, 151, 245, 252, 254, Statistics 250, and one course selected from Computer Science 107, 200, Statistics 200. These courses must be completed with a grade of C (2.0) or better, and cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better. (24-25 units)

Language Requirement. (no change)

Graduation Writing Assessment Requirement. (no change)

Major. A minimum of 30 upper division units selected with approval of the departmental adviser before starting upper division work to include Mathematics 320, 330, 337, 340, 524; one course selected from Mathematics 520, 530, 531, 537, 538, 542, 543, Statistics 551B; and 12 units of electives. Students planning to take Mathematics 499 as an elective course must obtain approval from the program adviser.

Remainder of description (no change)

Change(s): Completion of at least one course selected from: Computer Science 107, Statistics 200 (Introduction to Data Science with R), and Computer Science 200 (Introduction to Data Science with Python). Allow students to apply up to 60 units in mathematics and statistics courses to the program. Suppress Mathematics 541 from the list of elective courses.

6. Change in program.

Mathematics

Mathematics Major

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

(Major Code: 17031)

Emphasis in Applied Mathematics

(SIMS Code: 776313)

Paragraphs 1-2 (no change)

Impacted Program. Complete with a grade of C (2.0) or better: Mathematics 150, 151, 245, 252, 254, Statistics 250, **and one course selected from Computer Science 107, 200, Statistics 200.** These courses cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better.

Preparation for the Major. Mathematics 150, 151, 245, 252, 254, Statistics 250, and one course selected from Computer Science 107, 200, Statistics 200. These courses must be completed with a grade of C (2.0) or better, and cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better. (24-25 units)

Remainder of description (no change)

Change(s): Completion of at least one course selected from: Computer Science 107, Statistics 200 (Introduction to Data Science with R), and Computer Science 200 (Introduction to Data Science with Python). instead of just: Completion of Computer Science 107.

7. Change in program.

Mathematics

Mathematics Major

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

(Major Code: 17031)

Emphasis in Science

(SIMS Code: 776348)

Paragraphs 1-2 (no change)

Impacted Program. Complete with a grade of C (2.0) or better: Mathematics 150, 151, 245, 252, 254, Statistics 250, and one course selected from Computer Science 107, 200, Statistics 200. These courses cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better.

Preparation for the Major. Mathematics 150, 151, 245, 252, 254, Statistics 250, **and one course selected from Computer Science 107, 200, Statistics 200.** These courses must be completed with a grade of C (2.0) or better, and cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better. (24-25 units)

Remainder of description (no change)

Change(s): Completion of at least one course selected from: Computer Science 107, Statistics 200 (Introduction to Data Science with R), and Computer Science 200 (Introduction to Data Science with Python). instead of just: Completion of Computer Science 107.