

INTERDISCIPLINARY PROGRAMS

Interdisciplinary Programs

Urban Studies Major with the B.A. Degree in Liberal Arts and Sciences

Preparation for the Major. Anthropology 102 or Public Administration 200; Economics 101 or 102 or **Political Science 101 or 102**; Geography 102; Sociology 101; and Economics 201 or Political Science 201 or Sociology 201 or Statistics 250. (**15 units**)

Change(s): Three units of preparation for the major have been removed.

SPEECH, LANGUAGE, AND HEARING SCIENCES

Speech, Language, and Hearing Sciences

Speech, Language, and Hearing Sciences Major with the B.A. Degree in Liberal Arts and Sciences

Preparation for the Major. Speech, Language, and Hearing Sciences 106, 150; Biology 100; Physics 180A (Chemistry 100 can be substituted for Physics 180A); Psychology 101 and 260; Psychology 280 (Sociology 201, Statistics 119 or 250 can be substituted for Psychology 280). (21-23 units)

Change(s): Addition of Physics 180A to the preparation section. **Removal of SLHS 101** from the preparation section. Units adjusted to 21-23 units in preparation section.

====Physics====			
PHYS 180A	&	Fundamentals of Physics (3)	PHYS 120 General Physics (4)
PHYS 182A		Physical Measurements (1)	OR
			PHYS 200 Fundamentals of Physics (5)

LATIN AMERICAN STUDIES

Latin American Studies

Latin American Studies Major with the B.A. Degree in Liberal Arts and Sciences

Preparation for the Major. *(no change)*

Language Requirement. Competency equivalent to that normally attained through four college semesters of Spanish or Portuguese, or **three college semesters of Mixtec**. Refer to section of catalog on "Graduation Requirements."

Graduation Writing Assessment Requirement. *(no change)*

International Experience. *(no change)*

Major. *(no change)*

Group A: History, Politics, and Economics. *(no change)*

Group B: Cultures and Environments. *(no change)*

Group C: Arts and Literature. *(no change)*

* Acceptable when of relevant content with consent of adviser.

Change(s): Adds three university semesters of Mixtec or equivalent to the Spanish and Portuguese language options for the major.

Art

Art Major

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

Impacted Program. (no change)

Preparation for the Major. Art 100, 101, 102 or 104, 103, 258, 259; six units selected from Art 203 or 204; 216, 223, 226, 231, 240 or 248; and three units of art electives. Art 100, 101, 102 or 104, 103, 258, and 259 must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC). (27 units)

Students completing the California Community College Associate in Arts in Studio Arts for Transfer (AA-T) will satisfy preparation for the major. If Art 102 or 104 was not completed as part of the AA-T, it must be completed at SDSU.

Change(s): Addition of Art 223, 226, 231 as three-dimensional art options in preparation for the major section.

ART 223	Introduction to Woodworking	(3)	CFT 100	Fundamentals of Woodworking	(3-4)
ART 226	Introduction to Ceramics	(3)	ART 135	Ceramics I	(3)
ART 231	Jewelry and Metals IA	(3)	ART 150	Jewelry and Metalsmithing Design I	(3)
			OR		
			ART 151	Jewelry and Metalsmithing Design II	(3)

Art Major With the B.A. Degree in Applied Arts and Sciences Emphasis in Applied Design

Impacted Program. The applied design emphasis is designated as an impacted program and specific criteria, which include a portion of the Preparation for the Major, are used to admit students. To be admitted to the applied design emphasis, students must meet the following criteria:

- Complete with a grade of C (2.0) or better: Art 100, 101, 102 or 104, 103, 258, and 259. These courses cannot be taken for credit/no credit (Cr/NC);
- Have a cumulative GPA of 2.20 or better;
- Students not meeting the minimum GPA may petition for special consideration.

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. Art 100, 101, 102 or 104, 103, 258, 259; six units selected from Art 216, 220, 223, 226, 231; three units selected from Art 148, 204, 210, 240, 241, 242, or 248; and three units of art electives. Art 100, 101, 102 or 104, 103, 258, and 259 must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC). (30 units)

Change(s): Addition of Art 102(PC ART 103) as an option to the Art 104 requirement in impactation and preparation for the major sections. Addition of Art 226 (PC ART 135) to the list: "six units selected from Art 216 (PC ART 260 or PC ART 261), 220 (PC ART 145 or PC ART 146)." Update to three units selected from Art 148, 204 (PC ART 220 or PC ART 221), 210 ,240 (PC GCIP 140), 241, 242 or 248, and three units of lower division art electives in preparation for the major section.

Art Major With the B.A. Degree in Applied Arts and Sciences Emphasis in Graphic Design

Impacted Program. The graphic design emphasis is designated as an impacted program and specific criteria, which include a portion of the Preparation for the Major, are used to admit students. To be admitted to the graphic design emphasis, students must meet the following criteria:

- a. Complete with a grade of C (2.0) or better: Art 100, 101, 102 or 104, 103, 258, and 259. These courses cannot be taken for credit/no credit (Cr/NC);
- b. Have a cumulative GPA of 2.50 or better;
- c. Students not meeting the minimum GPA may petition for special consideration.

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. Art 100, 101, 102 or 104, 103, 241, 242, 258, 259; three units selected from Art 216, 220, 223, 226, 231, and three units of lower division art electives (Art 240 recommended). Art 100, 101, 102 or 104, 103, 258, and 259 must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC). (30 units)

Change(s): Addition of Art 102 (PC ART 103) as an option to the Art 104 requirement in the preparation for the major section. Update to three units selected from: Art 216 (PC ART 260 or PC ART 261), 220 (PC ART 145 or PC ART 146), 223 (PC CFT 100), 226 (PC ART 135), 231 (PC ART 150 or PC ART 151), and 3 units of lower division open art electives in the preparation for the major section.

Art Major With the B.A. Degree in Applied Arts and Sciences Emphasis in Interior Architecture (previously Interior Design)

Impacted Program. The interior architecture emphasis is designated as an impacted program and specific criteria, which include a portion of the Preparation for the Major, are used to admit students. To be admitted to the interior architecture emphasis, students must meet the following criteria:

- a. Complete with a grade of C (2.0) or better: Art 100, 101, 102 or 104, 103, 258, and 259. These courses cannot be taken for credit/no credit (Cr/NC);
- b. Have a cumulative GPA of 2.20 or better;
- c. Students not meeting the minimum GPA may petition for special consideration.

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. Art 100, 101, 102 or 104, 103, 148, 249, 250, 251, 258, 259; and three units selected from Art 216, 220, 223, 226, 231. Art 100, 101, 102 or 104, 103, 258, and 259 must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC). (33 units)

Change(s): The emphasis title changed to "Interior Architecture." The addition of Art 102 (PC ART 103) as an option to the Art 104 requirement. Requires the 3 units be selected from Art 216 (PC ART 260 or PC ART 261), 220 (PC ART 145 or PC ART 146), 223 (PC CFT 100), 226 (PC ART 135), 231 (PC ART 150 or PC ART 151).

Art Major

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

Emphasis in Multimedia and Photography (previously Multimedia)

Impacted Program. The multimedia and photography emphasis is designated as an impacted program and specific criteria, which include a portion of the Preparation for the Major, are used to admit students. To be admitted to the multimedia and photography emphasis, students must meet the following criteria:

- a. Complete with a grade of C (2.0) or better: Art 100, 101, 102 or 104, 103, 258, and 259. These courses cannot be taken for credit/no credit (Cr/NC);
- b. Have a cumulative GPA of 2.20 or better;
- c. Students not meeting the minimum GPA may petition for special consideration.

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. Art 100, 101, 102 or 104, 103, 107 or 242, 240, 258, 259; three units selected from Art 216, 220, 223, 226, 231; and three units of Art electives, excluding Art 157. Art 100, 101, 102 or 104, 103, 258, and 259 must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC). (30 units)

Change(s): The addition of the name "Photography" to the Emphasis title. The addition of Art 107 in the Preparation for the Major. The addition of Art 102 (PC ART 103) as an option to the Art 104 requirement. Now requires 3 units selected from: Art 216 (PC ART 260 or PC ART 261), 220, 223, 226, 231, and 3 units of lower division open art electives.

Art Major

With the B.A. Degree in Applied Arts and Sciences Emphasis in Painting and Printmaking

Impacted Program. The painting and printmaking emphasis is designated as an impacted program and specific criteria, which include a portion of the Preparation for the Major, are used to admit students. To be admitted to the painting and printmaking emphasis, students must meet the following criteria:

- a. Complete with a grade of C (2.0) or better: Art 100, 101, 102 or 104, 103, 258, and 259. These courses cannot be taken for credit/no credit (Cr/NC);

- b. Have a cumulative GPA of 2.20 or better;
- c. Students not meeting the minimum GPA may petition for special consideration.

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. Art 100, 101, 102 or 104, 103, 204, 240, 258, 259; three units selected from Art 102, 203, 210, 216; three units selected from Art 216, 220, 223, 226, 231. Art 100, 101, 102 or 104, 103, 258, and 259 must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC). (30 units)

Change(s): Addition of Art 102 (PC ART 103) as an option to the Art 104 requirement. Update of three units selected from Art 216 (PC ART 260 or PC ART 261), 220 (PC ART 145 or PC ART 146), 223 (PC CFT 100), 226 (PC ART 135), 231 (PC ART 150 or ART 151) in the preparation for the major section.

Art Major With the B.A. Degree in Applied Arts and Sciences Emphasis in Sculpture

Impacted Program. The sculpture emphasis is designated as an impacted program and specific criteria, which include a portion of the Preparation for the Major, are used to admit students. To be admitted to the sculpture emphasis, students must meet the following criteria:

- a. Complete with a grade of C (2.0) or better: Art 100, 101, 102 or 104, 103, 258, and 259. These courses cannot be taken for credit/no credit (Cr/NC);
- b. Have a cumulative GPA of 2.20 or better;
- c. Students not meeting the minimum GPA may petition for special consideration.

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. Art 100, 101, 102 or 104, 103, 216, 220, 258, 259; three units selected from Art 148, 204, 210, 240, 241, 242, 248, and three units of lower division art electives. Art 100, 101, 102 or 104, 103, 258, and 259 must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC). (30 units)

Change(s): Addition of Art 102 (PC ART 103) as an option to the Art 104 requirement. Update of three units selected from Art 148, 204 (PC ART 220 or PC ART 221), 210, 240, 241, 242, or 248, and 3 units of lower division open art electives in preparation for the major section.

BIOLOGY

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

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

These preparation for the major courses may not be taken Cr/NC and must be completed with a grade of C (2.0) or better in each class. These courses require a minimum GPA of 2.80 (excluding Physics 180A, 180B, 182A, 182B).

Remainder of description (*no change*)

Changes(s): Physics 180A (PC PHYS 120), 180B (PC PHYS 121), 182A (PC PHYS 200), 182B (PC PHYS 201) removed from impaction section. Updates to the preparation for the major section.

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

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

These preparation for the major courses may not be taken Cr/NC and must be completed with a grade of C (2.0) or better in each class. These courses require a minimum GPA of 2.80 (excluding Physics 180A, 180B, 182A, 182B).

Remainder of description (*no change*)

Changes(s): Physics 180A (PC PHYS 120), 180B (PC PHYS 121), 182A (PC PHYS 200), 182B (PC PHYS 201) removed from impaction section. Updates to the preparation for the major section.

Biology Major With the B.S. Degree in Applied Arts and Sciences Emphasis in Cellular and Molecular Biology

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

These preparation for the major courses may not be taken Cr/NC and must be completed with a grade of C (2.0) or better in each class. These courses require a minimum GPA of 2.80 (excluding Physics 180A, 180B, 182A, 182B).

Changes(s): Physics 180A (PC PHYS 120), 180B (PC PHYS 121), 182A (PC PHYS 200), 182B (PC PHYS 201) removed from impaction section. Updates to the preparation for the major section.

Biology Major With the B.S. Degree in Applied Arts and Sciences Emphasis in Ecology

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

These preparation for the major courses may not be taken Cr/NC and must be completed with a grade of C (2.0) or better in each class. These courses require a minimum GPA of 2.80 (excluding Physics 180A, 180B, 182A, 182B).

Change(s): Updates to the preparation for the major section.

Biology Major With the B.S. Degree in Applied Arts and Sciences Emphasis in Evolutionary Biology

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

These preparation for the major courses may not be taken Cr/NC and must be completed with a grade of C (2.0) or better in each class. These courses require a minimum GPA of 2.80 (excluding Physics 180A, 180B, 182A, 182B).

Change(s): Updated program name from *Emphasis in Evolution and Systematics* to *Evolutionary Biology*. Updates to the preparation for the major section.

Biology Major With the B.S. Degree in Applied Arts and Sciences Emphasis in Marine Biology

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

These preparation for the major courses may not be taken Cr/NC and must be completed with a grade of C (2.0) or better in each class. These courses require a minimum GPA of 2.80 (excluding Physics 180A, 180B, 182A, 182B).

Change(s): Updates to the preparation for the major section.

Biology Major With the B.S. Degree in Applied Arts and Sciences Emphasis in Zoology

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

These preparation for the major courses may not be taken Cr/NC and must be completed with a grade of C (2.0) or better in each class. These courses require a minimum GPA of 2.80 (excluding Physics 180A, 180B, 182A, 182B).

Change(s): Updates to the preparation for the major section.

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

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

These preparation for the major courses may not be taken Cr/NC and must be completed with a grade of C (2.0) or better in each class. These courses require a minimum GPA of 2.80 (excluding Physics 180A, 180B, 182A, 182B).

Change(s): Updates to the preparation for the major section.

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

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

These preparation for the major courses may not be taken Cr/NC and must be completed with a grade of C (2.0) or better in each class. These courses require a minimum GPA of 2.80 (excluding Physics 180A, 180B, 182A, 182B).

Change(s): Updates to the preparation for the major section.

**Microbiology Major With the B.S. Degree in Applied Arts and Sciences
Emphasis in Clinical Laboratory Science**

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

These preparation for the major courses (excluding Chemistry 251) may not be taken Cr/NC and must be completed with a grade of C (2.0) or better in each class. These courses require a minimum GPA of 2.80 (excluding Chemistry 251, Physics 180A, 180B, 182A, 182B).

Change(s): Emphasis renamed from *Emphasis in Clinical Laboratory Science and Public Health Microbiology* to what is reflected above. Updates to the preparation for the major section.

MATHEMATICS

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

Impacted Program. Complete with a grade of C (2.0) or better: Mathematics 150, 151, 245, 252, 254, and Statistics 250. 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, and Statistics 250. 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. (21 units) Recommended: Computer Science 107.

Change(s): Mathematics 242 becomes Mathematics 340. Computer Science 107 (PC CSCI 112) is recommended.

**Mathematics Major With the B.S. Degree in Applied Arts and Sciences
Emphasis in Applied Mathematics**

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

Change(s): Mathematics 242 is now Mathematics 340. **Must take Computer Science 107 (PC CSCI 112)**

LIBERAL STUDIES

Liberal Studies Major With the B.A. Degree in Applied Arts and Sciences

Lower Division Core (46-50 units)

(no change)

I. Communication and Critical Thinking:¹ 9 units.

(no change)

II. Foundations of Learning: 28 minimum units.

A-B *(no change)*

C. Humanities (12-13 units)

1. *(no change)*

2. Visual and Performing Arts: Theatre 100 (3 units).

Remainder of description *(no change)*

Change(s): ART 157, 259; THEA 120 replaced with THEA 100 (PC TA 100) in II.C.2 section above.

Liberal Studies Major With the B.A. Degree in Applied Arts and Sciences Emphasis in Education-Generalist

Paragraph 1 *(no change)*

Preparation for the Major. *(no change)*

Graduation Writing Assessment Requirement. *(no change)*

International Experience. *(no change)*

Major including required focus. No Option is required. (49.5-50 units)

Upper Division Core (40.5-41 units):

Liberal Studies: Liberal Studies 300, 498 (0.5 - 1 unit).

Mathematics and Science: Mathematics 312², 313²; Physics 412.

Social and Behavioral Sciences: Linguistics 420, 452.

Humanities: Art 387; Education 451; English 306A, 306W; History 411, 413; Music 343.

Focus (9 units). All students complete a focus in literacy, mathematics, or science. A minor or second major may not be substituted for a focus.

LITERACY (9 units): Linguistics 253³ [or Rhetoric and Writing Studies 253³] or Linguistics 430⁴; three units selected from Theatre 310, 315; three units selected from Africana Studies 365A [or English 365A], 365B [or English 365B], American Indian Studies 430, Chicana and Chicano Studies 335 [or English 335], Comparative Literature 470, ENGL 501, 503, Women's Studies 352.

MATHEMATICS (9 units): Mathematics 141, 302, 413.

SCIENCE (9 units): Biology 101, 101L; Geological Sciences 412 (4 units), Teacher Education 211B (1 unit).

Remainder of description *(no change)*

Change(s): LING 452 is being moved from the Literacy focus and into the upper division core. All students will enroll in THEA 100 (PC TA 100). ART 387, MUS 343, ED 451 will be required. Six units were eliminated from each of the three foci.

Liberal Studies Major

With the B.A. Degree in Applied Arts and Sciences Emphasis in Elementary Education

Preparation for the Major. Complete 46-50 units of lower division core plus Exercise and Nutritional Sciences 241A, 241B (with a grade of C [2.0] or better); Mathematics 211 (with a grade of C [2.0] or better); Mathematics Education 212; Music 102; Natural Science 100 or Chemistry 308 [Imperial Valley]. Exercise and Nutritional Sciences 241A, 241B and Mathematics 211 may not be taken for credit/no credit (Cr/NC). (58.5-62.5 units)

Graduation Writing Assessment Requirement. (*no change*)

International Experience. (*no change*)

Major including required focus and option (58.5-60 units). [NOTE: Plus additional lower division courses.]

Upper Division Core (40.5-41 units):

Liberal Studies: Liberal Studies 300, 498 (0.5-1 unit);

Mathematics and Science: Mathematics 312¹, 313¹; Physics 412;

Social and Behavioral Sciences: Linguistics 420, 452;

Humanities: Art 387; Education 451²; English 306A, 306W; History 411, 413; Music 343.

Focus (9 lower and upper division units). All students complete a focus in literacy, mathematics, or science. A minor or second major may not be substituted for a focus.

LITERACY (9 units).

Linguistics, Theatre, and Literature Courses: Linguistics 430⁴; three units selected from Theatre 310, 315; three units selected from Africana Studies 365A [or English 365A], 365B [or English 365B], American Indian Studies 430, Chicana and Chicano Studies 335 [or English 335], Comparative Literature 470, English 501, 503, Women's Studies 352.

MATHEMATICS (9 units): [Note: Lower and upper division units]. Mathematics 141, 302, 413.

SCIENCE (9 units): [Note: Lower and upper division units].

Geological Sciences 412 (4 units); Teacher Education 211B (1 unit); Biology 101 and 101L (4 units)⁵.

Option (9-10 units). All students complete an option. Some options lead to additional certifications; see the introduction section for details. To complete an additional 8+ units in mathematics or science, change to the Mathematics Emphasis or the Science Emphasis.

Linguistics⁷ (9 units): Linguistics 253³ [or Rhetoric and Writing Studies 253³]; Linguistics 550; Linguistics 555 or 556.

Bilingual (10 units): Linguistics 253³ [or Rhetoric and Writing Studies 253³]; Dual Language and English Learner Education 415 (4 units); three units selected from Spanish 302, 381, or 382. Restricted to native or heritage speakers of Spanish or students with advanced placement credit in Spanish 202 and 212 or 405A and 405B.

Special Education (10 units): Linguistics 253³ [or Rhetoric and Writing Studies 253³]; Special Education 500, 501, 502 (1 unit) (concurrent registration with Special Education 501);

Performing Arts (9 units): [Not available at the Imperial Valley Campus]: Prerequisites: Theatre 310 or 315. Highly recommended prerequisite: one unit of a performing arts course, such as Music 110A, 110B, 175, 185, 212.

Linguistics 253³ [or Rhetoric and Writing Studies 253³]; Theatre 510; three units selected from Africana Studies 385, Chicana and Chicano Studies 310 [or Latin American Studies 310], Music 345, 351.

Literature (9 units): Linguistics 253³ [or Rhetoric and Writing Studies 253³]; English 502; English 501 or 503 (may not double count in Focus).

Reminder of description (*no change*)

Change(s): LING 452 is being moved from the Literacy focus and into the upper division core. THEA 100 (PC TA 100), ART 387, MUS 343, ED 451 are required. The three foci were each cut by 3 units. The new literacy focus includes three units selected from Africana Studies 365A [or English 365A], 365B [or English 365B], American Indian Studies 430, Chicana and Chicano Studies 335 [or English 335], Comparative Literature 470, English 501, 503; Women's Studies 352. The two lists were combined (not including ENGL 502, which was moved to the new Literature Option), thereby cutting 3 units. In the math focus, 3 units selected from Statistics 119 (PC MATH 120) or 250 (PC MATH 120 OR PSYC 205 OR SOC 205) in the existing focus were eliminated in the new focus. For the science focus, 3-4 units selected from Chemistry 100 (PC CHEM 100); Geology 303 in the existing focus were eliminated in the new focus. Linguistics 253 [Rhetoric and Writing Studies 253] was retained but moved to each of the five options: Linguistics, Special Education, Bilingual, Performing Arts, and a NEW Literature Option. The new literature Option is English 502 Adolescence in Children's Literature; 3 units selected from English 501 Children's Literature or English 503 Topics in Children's Literature; and Special Requirement: 3 units Linguistics 253 [Rhetoric and Writing Studies 253].

Liberal Studies Major With the B.A. Degree in Applied Arts and Sciences Emphasis in Mathematics

Preparation for the Major. Complete 46-50 units of lower division core and Exercise and Nutritional Sciences 241A, 241B (complete with a grade of C [2.0] or better); Mathematics 211 (complete with a grade of C [2.0] or better); Mathematics Education 212; Music 102; Natural Science 100 or Chemistry 308 (Imperial Valley only). Exercise and Nutritional Sciences 241A, 241B and Mathematics 211 may not be taken for credit/no credit (Cr/NC). (58.5-62.5 units)

Graduation Writing Assessment Requirement. (*no change*)

International Experience. (*no change*)

Major including required focus and option (60.5-61 units). [NOTE: Plus additional lower division units]

Upper Division Core (40.5-41 units):

Liberal Studies: Liberal Studies 300, 498 (0.5 - 1 unit).

Mathematics and Science: Mathematics 312¹, 313¹; Physics 412.

Social and Behavioral Sciences: Linguistics 420, 452

Humanities: Art 387; Education 451; English 306A, 306W; History 411, 413; Music 343.

Mathematics Focus (9 units): Mathematics 141, 302, 413.

Mathematics Option (11 units): [Note: Lower and upper division units].

Mathematics 120, 241 entitled "Mathematics Software Workshop: Geometers Sketchpad" (1 unit), 303; Teacher Education 211A (1 unit); 3 units selected from Linguistics 253² [or Rhetoric and Writing Studies 253²], Statistics 119 or 250.

Reminder of description (*no change*)

Change(s): LING 452 is being moved from the Literacy focus and into the upper division core. Students will enroll in THEA 100 (PC TA 100). ART 387, MUS 343, ED 451 courses will be required. Three units selected from Statistics 119 or 250 (PC MATH 120 OR PSYC 205 OR SOC 205) in the existing program were moved to the Math Option for the new program. Math 150 (4 units) (PC MATH 140) in the existing Math

Option was replaced by Math 120 (3 units) (PC MATH 130) in the new Math Option. The 3 unit of Linguistics 253 [Rhetoric and Writing Studies 253] and 3 units selected from Statistics 119, 250 (PC MATH 120, PC PSYC/SOC 205) in the existing program were combined to be 3 units selected from Linguistics 253 [Rhetoric and Writing Studies 253]; Statistics 119, 250 (PC MATH 120, PC PSYC/SOC 205) in the new Math Option.

Liberal Studies Major With the B.A. Degree in Applied Arts and Sciences Emphasis in Science

Preparation for the Major. Complete 46-50 units of lower division core and Exercise and Nutritional Sciences 241A, 241B (complete with a grade of C [2.0] or better); Mathematics 211 (complete with a grade of C [2.0] or better); Mathematics Education 212; Music 102; Natural Science 100 or Chemistry 308 [Imperial Valley only]. Exercise and Nutritional Sciences 241A, 241B and Mathematics 211 may not be taken for credit/no credit (Cr/NC). (58.5-62.5 units)

Graduation Writing Assessment Requirement. *(no change)*

International Experience. *(no change)*

Major including required focus and option. (60.5-63)¹

Upper Division Core (40.5-41 units): [Note: Plus additional lower division units]

Liberal Studies: Liberal Studies 300, 498 (0.5 - 1 unit);

Mathematics and Science: Mathematics 312², 313²; Physics 412;

Social and Behavioral Sciences: Linguistics 420, 452;

Humanities: Art 387; Education 451; English 306A, 306W; History 411, 413; Music 343.

Science Focus (9 units): [Note: lower and upper division units].

Biology 101 and 101L (4 units); Geological Sciences 412 (4 units); Teacher Education 211B (1 unit).

Science Option (11-13 units): [Note: lower division units].

Chemistry 100; Physics 180A; Physics 182A or an alternative course selected with approval of adviser; three to five units selected from Linguistics 253³ [or Rhetoric and Writing Studies 253³], Chemistry 130, 200⁴.

Change(s): LING 452 is being moved from the Literacy focus and into the upper division core. All students will enroll in THEA 100 (PC TA 100). ART 387, MUSIC 343, ED 451 are required. (a) Chemistry 100 (PC CHEM 100) (4 units); Geological Sciences 412 (4 units); Teacher Education 211B (1 unit); three to four units selected from Biology 101 and 101L (4 units), 324, 327 in the existing science focus were reduced to Geological Sciences 412 (4 units); Teacher Education 211B (1 unit); four units selected from Biology 101 and 101L (4 units) in the new 9 unit science focus. (b) Chemistry 100 (PC CHEM 100) (4 units) was moved to the new science Option. (c) The 3 units of Linguistics 253 [Rhetoric and Writing Studies 253] and 3-5 units selected from Chemistry 130 (PC CHEM 105), 200 (PC CHEM 110/110L) (5 units) in the existing program become 3-5 units selected from Linguistics 253 [Rhetoric and Writing Studies 253]; Chemistry 130 (PC CHEM 105), 200 (PC CHEM 110/110L) in the new program, thereby cutting 3 units