

Initial Set of SDSU Curricular Changes for 2012

Below are some of the changes that can be expected at SDSU for fall 2012, as of now. Although it does not replace referencing the catalog, it is meant to call special attention to specific areas of the catalog.

Although we do not articulate to Japanese, I have included it for the sake of those students who may be interested in majors or minors where Japanese is an option. Note that each course has been reduced to five units.

You can expect that courses with descriptions changes will need review if your institution has courses articulated to them. I will check with the departments to see if the review is warranted; however, I will not do so until early next year, when more changes have been identified.

New to GE (Social and Behavioral Sciences):

A. Teacher Education 284. Valuing Human Diversity (3)

Valuing human diversity that enriches societies. Bridges to valuing human diversity, such as race, gender, language, and spirituality, as well as barriers to valuing human diversity, such as classism, sexism, racism, and anti-semitism.

B. Communication 245. Interpersonal Communication (3)

Theory and practice of interpersonal communication focuses on the role of communication in initiating, developing, and transitioning through everyday relationships. Emphasis on verbal and nonverbal messages, contexts, and challenges of managing interpersonal communication. *This is a new course.*

Change in title and course description:

Geography 102. People, Places, and Environments (3)

Introduction to human geography. Global and local issues to include culture, development, migration, urbanization, population growth, identity, globalization, geopolitics, and environmental change. Field trips may be arranged.

Changes in unit value and mode of instruction:

DANCE 210. Performance Forum (2). One lecture and two hours of activity.

JAPAN 111 (5)

JAPAN 112 (5)

JAPAN 211 (5)

JAPAN 212 (5)

Change in course title and description:

1. SPAN 281. Intermediate Spanish for Heritage Language Learners I (3)

Prerequisite: Exposure to Spanish in the home and neighborhood in the U.S.

Introduction to written Spanish and basic principles of writing. Enhances awareness of cultural texts produced in Spanish-speaking world. Not open to students who have completed five years of high school Spanish. Not open to native speakers or students with credit in Spanish 201, 202, 211, 282, 301, or a higher-numbered Spanish course. Replaces Spanish 201 and 211 for Preparation for the Major.

2. SPAN 282. Intermediate Spanish for Heritage Language Learners II (3)

Prerequisite: Spanish 281.

Continuation of Spanish 281. Not open to native speakers (with high school diploma from a Spanish speaking country) or students with credit in Spanish 202, 212, 301, or a higher-numbered Spanish course. Replaces Spanish 202 and 212 for Preparation for the Major.

3. THEA 100. The Art of Theatre (3)

Introduction to theatre as a reflection of society and a contributor to the world of art.

Students explore theatre's continuing relevance to contemporary culture. Attendance at selected theatre events required.

New course:

1. COMM 245. Interpersonal Communication (3)
Theory and practice of interpersonal communication focuses on the role of communication in initiating, developing, and transitioning through everyday relationships. Emphasis on verbal and nonverbal messages, contexts, and challenges of managing interpersonal communication.
2. PH 295. Public Health Research (3)
Prerequisites: Public Health 101 and 290. Open only to pre-health science majors.
Methodological, ethical, topical issues in current public health research. Basic principles and different approaches to research designs and methods applicable to writing proposals and other documents in academic and professional settings.
3. TE 211A. Field Experience in Mathematics (1) Cr/NC
One lecture and 10 hours of fieldwork.
Prerequisite: Recommended for sophomore or higher level students.
Guided classroom observations for prospective middle and high school mathematics teachers. Mathematics education and strategies that promote professional development. Teaching in culturally and linguistically diverse school settings. (Formerly numbered Teacher Education 211.) *Note, this is actually identified as the old TE 211; but, since the old course was for both mathematics and science, and was also one unit, I am treating this as a new course.*
4. TE 211B. Field Experience in Science (1) Cr/NC
One lecture and 10 hours of fieldwork.
Prerequisite: Recommended for sophomore or higher level students.
Guided classroom observations for prospective middle and high school science teachers. Science education and strategies that promote professional development. Teaching in culturally and linguistically diverse school settings.

Note that TE 211A and 211B were created to serve single subject mathematics and single subject science students respectively.

Deleted courses:

1. MUSIC 104. Music Technology (1)
2. SOC 250 (will be deleted from the major prep and impaction criteria).
3. CIV E 120. Computer Applications in Civil/Environmental Engineering

International Business:

1. New language/region: Korean & Asia
2. Change in region:
 - a. Arabic & Africa/Middle East → Arabic & Middle East/North Africa
 - b. French & Africa/Middle East → French & Africa
 - c. Portuguese & Africa/Middle East → Portuguese & Africa

Linguistics Major. Change in language requirement. Now must show competency equivalent to that which is normally attained through three college semesters of a foreign language with a **C (2.0)** average, or the equivalent. *Change: Language requirement changed from B (3.0) to C (2.0).*

Change in course prerequisite:

MATH 254. Introduction to Linear Algebra (3) [GE]
Prerequisite: Mathematics 150. **Was MATH 151.**

Change in program:

1. Mechanical Engineering Major

With the B.S. Degree

Preparation for the Major. Mechanical Engineering 101, 102, 202, 204, 240, 241; Biology 100 or 101; Chemistry 202; Electrical Engineering 204; Engineering 280; Engineering Mechanics 200, 220; Mathematics 150, 151, 252; Physics 195, 195L, 196, 197. (53 units)

Change: Under Preparation for the Major—add PHYS 195L; replace CHEM 200 with 202.

2. Social Work Major

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

Preparation for the Major. Social Work 110, 120; Biology 100, 101, 204, or 261; Economics 101 or 102; Psychology 101; Sociology 101; Psychology 280 or Sociology 201 or Statistics 250. (21-23 units)

Change: Delete Public Health 101.

3. Geological Sciences Major

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

Emphasis in Engineering Geology

(SIMS Code: 775313)

Preparation for the Major. Oceanography 100, or Geological Sciences 100 and 101, or Geological Sciences 101 and 104; Geological Sciences 200, 205, 221; Biology 100; Chemistry 200, 201; Engineering Mechanics 200; Mathematics 150, 151, 252; Physics 195, 196, 197. (52 units) **Remove STAT 250.**

Emphasis in Geochemistry

(SIMS Code: 775335)

Preparation for the Major. Oceanography 100, or Geological Sciences 100 and 101, or Geological Sciences 101 and 104; Geological Sciences 200, 205, 221; Biology 100 or 101; Chemistry 200, 201, 232, 251; Mathematics 150, 151; Physics 195, 195L, 196, 196L. (52 units) **Remove: CHEM 232L; MATH 252; and PHYS 197 & 197L.**

Emphasis in Geophysics

(SIMS Code: 775346)

Preparation for the Major. Oceanography 100, or Geological Sciences 100 and 101, or Geological Sciences 101 and 104; Geological Sciences 200, 221; Biology 100 or 101; Chemistry 200, 201; Mathematics 150, 151, and 252; Physics 195, 195L, 196, 196L, 197, 197L. Engineering 280 must be taken if students select Engineering 510 in the major. (48 units)

Recommended: Geological Sciences 205, Statistics 250.

Emphasis in Hydrogeology

(SIMS Code: 775357)

Preparation for the Major. Oceanography 100, or Geological Sciences 100 and 101, or Geological Sciences 101 and 104; Geological Sciences 200, 205, 221; Biology 100; Chemistry 200, 201; Mathematics 150, 151, 252; Physics 195, 196, 197. (49 units) **Removed STAT 250.**

Recommended: Physics 195L, 196L, 197L.

**Emphasis in Paleontology
(SIMS Code: 775390)**

Preparation for the Major. Oceanography 100, or Geological Sciences 100 and 101, or Geological Sciences 101 and 104; Geological Sciences 200, 205, 221; Biology 203, 203L, 204, 204L; Chemistry 200, 201; Mathematics 150, 151; Physics 195, 195L, 196, 196L. (49 units) **Remove BIOL 215. Replace MATH 121 & 122 with MATH 151. Replace PHYS 180A-182A and 180B-182B with PHYS 196 & 196L.**

**4. Civil Engineering Major
With the B.S. Degree**

Preparation for the Major. Civil Engineering 100, 121, 160 (or Statistics 250), 218, 220; Biology 100 or 101; **Chemistry 202**; Construction Engineering 101; Engineering 280; Engineering Mechanics 200, 220; Mathematics 150, 151, 252; Physics 195, **195L**, 196. (51 units) **Remove CIV E 120. Replace CHEM 200 with 202**

**5. Construction Engineering Major
With the B.S. Degree**

Preparation for the Major. Construction Engineering 101, 201, 280; Accountancy 201; Biology 100 or 101; Chemistry 202; Civil Engineering 121, 160 (or Statistics 250), 218, 220; Economics 102; Engineering Mechanics 200; Geological Sciences 100, 101; Mathematics 150, 151; Philosophy 101; Physics 195, 195L, 196.
(59 units)

Change: Update Preparation for Major: Delete CIV E 120, addition of CIV E 220, PHYS 195L and STAT 250 option. Remove CHEM 200; replace with CHEM 202.

**6. Dance Major
With the B.F.A. Degree in Applied Arts and Sciences**

Preparation for the Major. **Dance 100D**, 171, 181, 183, **210**, 221 (4 units), 241 (12 units), 253, 255, 256, 290; Biology 100, 212. (41 units) **Add DANCE 100D. Remove DANCE 285**

**7. Dance Major
With the B.A. Degree in Liberal Arts and Sciences**

Preparation for the Major. **Dance 100D**, 171, 181, 183, 221 (4 units), 241 (6 units), 253, 255, **256**, 290; Biology 100, 212. **Add DANCE 100D and 256.**

**8. Environmental Engineering Major
With the B.S. Degree**

Preparation for the Major. Environmental Engineering 101; Biology 204, 204L; Chemistry 130 and **202**; Civil Engineering 121, 160 (**or Statistics 250**), 220; Engineering 280; Engineering Mechanics 200, 220; Geological Sciences 100; Mathematics 150, 151, 252; Physics 195, **195L**, 196, 197. (55 units) **CHEM 202 replaces 200. Remove CIV E 120. Add STAT 250 as option to CIV E 160. Add PHYS 195L.**

**9. Kinesiology Major
With the B.S. Degree in Applied Arts and Sciences
Emphasis in Prephysical Therapy**

Preparation for the Major. Exercise and Nutritional Sciences 200, 265; Biology 203, 203L, 211, 211L, 212; Chemistry 200, **201**; Nutrition 201; Physics 180A and 180B, 182A and 182B; Psychology 101; Sociology 101; and one of the following: Biology 215, Economics 201, Psychology 280, Sociology 201, Statistics 119. (47 units) **CHEM 201 replaces "CHEM 130 or 232."**

**10. Liberal Studies Major
With the B.A. Degree in Applied Arts and Sciences
Preparation for the Major. (selected parts)**

Science

- SCI-1. Geological Sciences 104.
- SCI-2. Biology 100.
- SCI-3. Biology 100L. *Note that there are no options in science.*

Visual and Performing Arts

- VPA-1. Three units selected from Art 157, 259; Theatre 120.

11. Physical Science Major
In preparation for the Single Subject Teaching Credential
With the B.A. Degree in Applied Arts and Sciences

Preparation for the Major. Africana Studies 140 or Chicana and Chicano Studies 111A or Communication 103; Astronomy 109, 201; Biology 203, 203L, 204, 204L; Chemistry 200, 201; Mathematics 150, 151, 252; Physics 195, 195L, 196, 196L, 197, 197L, 242; **Teacher Education 211B** (1 unit). (53 units)

Change: Addition of Physics 242; TE 211B replacing 211.

12. Health Science Major
With the B.S. Degree in Applied Arts and Sciences
Emphasis in Public Health

Preparation for the Major. Public Health 101, 290, 295; Biology 100, 100L, 211, 211L, 212; Chemistry 100; Psychology 101; Sociology 101; Statistics 119 or 250. (34 units).

Change: **Replace P H 294 with new course, P H 295.**

New degrees:

1. Athletic Training Major
With the B.S. Degree in Applied Arts and Sciences

Preparation for the Major. Exercise and Nutritional Sciences 200, 265, 265L; Biology 203, 203L, 212; Chemistry 200; Nutrition 201; Psychology 101, 260; Sociology 101; and one of the following: Biology 215, Economics 201, Psychology 280, Sociology 201, Statistics 119. (34 units) *Remove ENS 104A and PHYS 180A from what was kinesiology with an emphasis in athletic training.*

2. Comparative International Studies Major
With the B.A. Degree in Liberal Arts and Sciences
Preparation for the major. (15 units)

Choose three units from each of the following groups:

(a) **Humanities:** Africana Studies 240, Comparative Literature 270A or 270B, History 100 or 101, Humanities 101, Religious Studies 101, Women Studies 102.

(b) **Social Sciences:** Africana Studies 270, Anthropology 102, Geography 102 or 106, Linguistics 101, Political Science 103, Women's Studies 101.

(c) **Statistics:** Economics 201, Political Science 201, Sociology 201 or equivalent.

Choose six units from the following group:

(d) **Regions:** Asian Studies 100 or 101 or 150, European Studies 101, Latin American Studies 101; For North Africa and West Asia or Africa: History 100 or 101, Religious Studies 101. (History 100, 101, and Religious Studies 101 can only be included for this group if not taken for group (a) above.)

(Recommended for General Education in the Natural Sciences: In the Life Sciences, Anthropology 101 or Biology 101; in the Physical Sciences, Environmental Science 100, Geography 101, or Geological Sciences 100.)

3. Lesbian, Gay, Bisexual, and Transgender Studies Major
With the B.A. Degree in Liberal Arts and Sciences

Preparation for the Major. Six units selected from History 101, Psychology 101, Sociology 101, Television, Film and New Media 160, Women's Studies 101, 102. (6 units)

4. Sustainability Major

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

Preparation for the Major: Economics 102; Environmental Science 100; Geography 101; and Economics 201 or Political Science 201 or Psychology 280 or Sociology 201 or Statistics 119 or 250; three units from Geography 104 or Professional Studies and Fine Arts 100. (15-16 units)

New major:

International Security and Conflict Resolution, Specialization in Justice in the Global System. Will replace the Specialization in Global Systems.