Graduation Requirements for the Bachelor’s Degree

The university will make every effort to preserve the requirements in this Graduation Requirements section for students subject to this catalog according to the provisions enumerated below. All other parts of the catalog are subject to change from year to year as university rules, policies, and curricula change. It is your responsibility to keep informed of such changes; failure to do so will not exempt you from whatever penalties you may incur.

The requirements appearing in this catalog are applicable to students under the following circumstances:

1. You may remain with the graduation requirements in effect during the academic year in which you entered SDSU, another campus in the CSU system, or a California community college, so long as you have remained in attendance at least one semester or two quarters within a calendar year in either the CSU or community college system. Absence due to an approved educational leave or for attendance at another regionally accredited institution of higher learning shall not be considered an interruption in attendance if the absence does not exceed two years. If you change or declare your majors in subsequent years, however, you must adopt the major and minor requirements in effect at the time of such change or declaration. You may continue with the earlier catalog only with regard to General Education and other graduation requirements.

If you are disqualified from San Diego State University, you may maintain catalog rights for General Education purposes only by enrolling immediately in a California community college or another CSU campus. If you are subsequently reinstated after a break in continuous enrollment, you are subject to the requirements of the General Catalog in effect during the semester in which you reenroll in the CSU system or a California community college. If you have been disqualified twice from SDSU, you cannot be awarded an SDSU degree.

2. You may change to the catalog in effect in the year in which you graduate. Thus, students graduating in December 2017, May 2018, or in the 2018 summer term may adopt this catalog by so indicating on their application for graduation.

I. Freshmen Competency Requirements: Mathematics and Writing

All students are required to demonstrate competency in basic mathematics and standard written English. Incoming students who are not exempt from the CSU Entry Level Mathematics examination (ELM) and/or the English Placement Test (EPT) because of national test scores or college level courses (see explanation of exemptions) must take these tests by the May test date or their admission to SDSU will be cancelled. Those who fail one or both of these examinations are REQUIRED to be enrolled in appropriate sections of General Mathematics and/or Rhetoric and Writing Studies courses in the first semester of enrollment. Students who do not successfully complete their remediation requirements within one year of their initial enrollment will be administratively disqualified.

Competency requirements are required preparation for a number of specific courses identified in the Class Schedule. Test dates and times are listed in the Testing Requirements section of the current Class Schedule. No student may graduate until all competency requirements are satisfied.

MATHEMATICS TESTING REQUIREMENTS: FRESHMEN

Demonstration of mathematics competency is satisfied in one of the following ways:

A. Passing one of the following national or state tests at the minimum score* or level identified below:
   1. Score of 50 on the CSU Entry Level Mathematics Test (ELM) if taken after February 2002 or an ELM score of 550 if taken before February 2002.
   2. Score of 570 on the Scholastic Aptitude Test or Scholastic Assessment Test (SAT or SAT Subject Tests level 1 or level 2) in mathematics if taken after February 2016. Score of 550 on the Scholastic Aptitude Test or Scholastic Assessment Test (SAT or SAT Subject Tests level 1 or level 2) in mathematics if taken before March 2016.
   4. Score of 3 or higher on the College Board Scholastic Advanced Placement (AP) Calculus AB or Calculus BC examination, or the Statistics examination.
   5. Score of 4-7 on the International Baccalaureate examination in Higher Level Computer Science or Higher Level Mathematics.
   6. Score of 550 on the College Board Mathematics Achievement Test, Level I or IC or II or IIC if taken before March 2016.
   7. Score of 550 on the College Board SAT II Mathematics Test, Level I or IC or II or IIC if taken before March 2016.
   8. Result of “Standard Exceeded: Ready for CSU College-Level Coursework in Mathematics” on the CAASPP Early Assessment Program (EAP), augmented mathematics, taken in the 11th grade as part of the California Standards Test or Algebra II.

    • A score between 20-22 on the mathematics section of the new SAT Test (if taken after February 2016).  
    • Old SAT: A score between 490-540 on the 
    • New SAT: A score between 520-560 on the mathematics section of the new SAT Test (if taken after February 2016).
    • Old SAT: A score between 490-540 on the mathematics section of the old SAT Reasoning Test (if taken before March 2016).
    • A score between 20-22 on the mathematics section of the ACT Test.

   * These scores are appropriate only to those students who satisfy the requirement upon matriculation in this catalog year or who take the examinations during this catalog year.

B. Earn a C- or better grade in an approved transferable college mathematics course that satisfies CSU General Education in Mathematics/Quantitative Reasoning.

   OR

C. Complete BOTH a. and b. (below)
   a. Attempt but fail (with a score below 50 if taken after February 2002 and score below 550 if taken before February 2002) the CSU Entry Level Mathematics (ELM) test.
   b. Earn Credit (Cr) in General Mathematics Studies 91 at SDSU. Credit earned in General Mathematics Studies courses numbered below 100 are not applicable to the baccalaureate degree.
Mathematics and Chemistry Departmental Placement Examinations
Prior to enrollment in certain mathematics and chemistry courses, students may be required to pass a Mathematics or Chemistry Departmental Placement Examination as part of the stated prerequisites. These examinations assess mathematical or chemistry preparation beyond the elementary level. The Precalculus Proficiency Assessment tests knowledge of algebra and trigonometry as needed in Mathematics 124, Calculus for the Life Sciences and Mathematics 150, Calculus I. The Liberal Studies Mathematics Proficiency Assessment tests concepts relating to numbers and operations, geometry, and measurement. The Chemistry Department Placement Examination assesses student preparation to succeed in Chemistry 200 or 202.

WRITING TESTING REQUIREMENTS: FRESHMEN
Demonstration of writing competency is satisfied in one of the following ways:

A. Pass one of the following national or state tests at the minimum score* or level identified below:
1. Score of 147 total on the CSU English Placement Test (EPT).
2. Score of 550 on the Scholastic Aptitude Test or Scholastic Assessment Test (SAT) Evidenced Based Reading and Writing section if taken after February 2016. Score of 500 on the Scholastic Aptitude Test or Scholastic Assessment Test (SAT) critical reading section if taken before March 2016 and after March 1995. SAT verbal score of 470 if taken before March 1995.
4. Score of 3 or higher on the College Board Scholastic Advanced Placement (AP) Language and Composition or Literature and Composition Test.
6. Score of 600 on the College Board Achievement Test in English Composition with Essay (if taken before March 2016).
7. Score of 680 or above on the College Board SAT Writing section (if taken before March 2016).
8. Result of “Standard Exceeded: Ready for CSU College-Level Coursework in English” on the CAASPP Early Assessment Program (EAP) examination and met the conditional requirement. The conditional requirement may be met by completing an approved English course in the 11th grade and earning a grade of “C” or better. Students who do not meet the conditional requirement will need to participate in the SDSU’s FAST summer program, unless exemption was met through a regional accrediting association.) The Writing Placement Assessment (WPA) is a two hour examination used to evaluate writing competency.

A. Students must take the WPA within the time frames described below. Once students are enrolled in Rhetoric and Writing Studies 280 or 281 [or Linguistics 281], they may not take the WPA to test out of an upper division writing course.

• Continuing Students. Continuing students must take the WPA during the semester in which they are completing 60 units or in the semester immediately following.

• Transfer Students. Transfer students are eligible to take the WPA once they have received an offer of admission. They must take the examination during their first semester at SDSU.

Students who do not take the examination by the end of the required time frame will not be able to register for future terms. Students may file a leave of absence for the next semester and maintain continuing student status. If the examination is completed during the leave of absence, the student may re-enroll the following semester. Students who have not taken the examination by the end of the leave of absence term will be required to file another leave of absence to maintain eligibility until the examination has been taken and a score is posted on the record. Students are allowed a maximum of four leaves of absence.

B. Writing Placement Assessment scores. Students who achieve a score of 9 on the WPA satisfy the statewide Graduation Writing Assessment Requirement by completing an approved upper division writing course with a grade of C or better. Students who achieve a score of 8 are required to satisfy the Graduation Writing Assessment Requirement by completing an approved upper division writing course with a grade of C or better.

SEE LIST BELOW.

Students who earn a score of 6 or lower are required to complete Rhetoric and Writing Studies 280 (or Rhetoric and Writing Studies 281 [or Linguistics 281] if English is your second language) with a grade of C or better before enrolling in one of the required approved upper division writing courses. The SDSU registration system will require students who earn a 6 or below to register for the required course in the semester following the testing time frame.

C. Students who transfer from another California State University campus having fulfilled the Graduation Writing Assessment Requirement will not be required to repeat it. However, a course listed below may be required for the major. Contact the Academic Advising Center if you believe you have fulfilled this requirement at another CSU.

D. Students are allowed to attempt the WPA twice within the timeframes and restrictions described above. Students may not drop a course in which they are registered if test results are received after the schedule adjustment deadline. Students must pay the required fees for the examination each time it is taken.

E. Approved upper division writing courses:
Accountancy 390W
Africana Studies 395W
Chicana and Chicano Studies 396W
Economics 449W
English 306W (Liberal Studies majors only)
English 308W
English 508W (Required for English and Comparative Literature majors; open to other majors)
English 581W
English 584W
History 390W
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Humanities 390W
Journalism and Media Studies 310W
Journalism and Media Studies 312W
Linguistics 305W
Management Information Systems 396W
Political Science 390W
Recreation and Tourism Management 396W
Religious Studies 396W
Rhetoric and Writing Studies 305W
Rhetoric and Writing Studies 390W
Rhetoric and Writing Studies 500W
Rhetoric and Writing Studies 505W
Rhetoric and Writing Studies 508W

III. Major and Minor Requirements

A. Preparation for the major. Every major requires a set of introductory and/or skills courses designed to prepare the student for upper division study in that field. Courses taken for this purpose may also be used to satisfy General Education requirements if approved for General Education.

B. Major. Completion of a departmental or an interdisciplinary major is required. Students must meet major requirements in effect at time of declaration of major, provided continuous enrollment has been maintained, except as otherwise provided in the California Code of Regulations, Chapter 5, Section 40401, Election of Regulations. If a major is impacted, students must meet major requirements in effect at time of declaration of premajor, assuming continuous enrollment. A major is an area of specialized study which provides the student with extensive knowledge of the subject matter and its organizing concepts. It consists of 24 or more upper division units for the Bachelor of Arts, and Bachelor of Music; and of 36 or more units for the Bachelor of Science degree. At least half of the units must be completed at SDSU unless specifically waived by the department; however, in no case may all students be allowed to complete fewer than 12 units in the major at SDSU. Units received through SDSU extension courses, with the exception of courses offered for resident credit during summer term and Open University, spring 1998 and thereafter, are not applicable to the residency requirement. Unless otherwise stated, a student may (with the approval of the department) apply no more than three units of coursework from a basic certificate program toward a major or minor. A summary list of all majors appears at the close of this chapter; the full statement of requirements for each major can be found through the Index. Upper division courses taken in the major department may not be used to meet requirements in a minor or in General Education, except for General Education, section III, American Institutions. A three-unit General Education course required for your major but not in your major department may be used in section IV, Explorations of Human Experience only if your major requires at least 27 units for the B.A. degree or at least 39 units for the B.S. degree. Courses graded canceled (Cr) may not be used to fulfill upper division requirements in the major except for those courses identified in the course listing as graded Cr/NC.

A student may wish to major in up to three departments. If so, the requirements for each major must be satisfied. Units for courses which could satisfy the requirements in one or more majors are counted only once. At the time of graduation, a student with two or more majors will earn only one degree. The degree is associated with the first major. The diploma and transcript issued will note the one degree earned with all majors completed. Students seeking a second bachelor’s degree in nursing are not eligible to declare a minor. Like the major, the minor offers an integrated and coherent pattern of coursework, combining lower and upper division coursework in proportions appropriate to the various disciplines. The minor shall consist of 15-24 units. Normally, 12 units of coursework in the minor will be upper division units. A minimum of six upper division units must be completed at SDSU. The minimum grade point average for awarding a minor at the time of graduation is 2.0 (C) or better in all units applicable toward a minor, including those accepted by transfer from another institution. Courses graded credit (Cr) may not be used to fulfill upper division requirements in the minor except for those courses identified in the course listing as graded Cr/NC. Courses numbered 296, 496, 596 may be applicable to the minor only with approval of the department chair. A summary list of all minors appears at the close of this chapter; the full statement of requirements for each minor can be found through the Index. Because special prerequisites must be met to qualify for certain minors, checking with the minor department before taking courses is advised. Courses in the minor may not be counted toward the major or another minor, but may be used to satisfy preparation for the major and General Education requirements.

The completion of a minor reports only on an SDSU official transcript and does not print on the diploma. Declaration of a minor occurs by obtaining and filing a Declaration of Major or Minor form at the Office of the Registrar, Student Services West, Room 164.

IV. American Institutions Requirement

Title 5, California Code of Regulations, Article 5, Section 40404 requires that all students demonstrate an understanding of American history, the United States Constitution, and California state and local government. The American Institutions requirement can be satisfied in any of four ways.

A. San Diego State University courses. By passing any one of the following pairs of courses (three of the six units needed for American Institutions can also be applied to General Education):

<table>
<thead>
<tr>
<th>Africana Studies 170A and 170B</th>
<th>American Indian Studies 140 and 141</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chicana and Chicano Studies 120A and 120B</td>
<td>Chicana and Chicano Studies 141A and 141B</td>
</tr>
<tr>
<td>History 109 and 110</td>
<td>History 109 and 410</td>
</tr>
<tr>
<td>Political Science 101 and 102</td>
<td>Political Science 101 and 330</td>
</tr>
</tbody>
</table>

B. Transfer courses from accredited California colleges and universities.

1. Full Certification of American Institutions Requirement: Students transferring within California will fulfill the American Institutions requirement by providing certification on a transcript or other official document from a regionally accredited California university, liberal arts college, or community college that the requirement as outlined in Title 5, California Code of Regulations, Article 5, Section 40404 has been satisfied.

2. Partial Completion of American Institutions Requirement: Transfer credit may be used toward partial fulfillment of the American Institutions requirement.

3. Certification Based on High School Work: No certification based on high school work can be accepted.

C. Transfer courses from outside California or Advanced Placement credit. Students who have met both the American history and United States Constitution portion of the American Institutions requirement through any of the following:

1. Advanced Placement (AP) credit in American history or Government/Politics: American or International Baccalaureate credit in History of the Americas.

2. Course(s) in American history which cover a minimum of 100 years of U.S. history, including the establishment of the U.S. Constitution;
V. Language Requirement
Students whose majors lead to the Bachelor of Arts degree in Liberal Arts and Sciences, the Bachelor of Music degree, Bachelor of Fine Arts degree in Dance, or a Bachelor of Arts degree in Applied Arts and Sciences in English must satisfy a language requirement in a language other than English as indicated below. Students whose majors lead to other degrees are not subject to this requirement.

Exclusion: Conversation courses may not be used to meet this requirement.

Native speakers from foreign countries where English is not the principal language and who have finished high school or the equivalent in that country will be considered to have satisfied the language requirement and will not be given credit for taking lower division courses in their native language except with advance approval from the department.

A. The Bachelor of Arts degree in liberal arts and sciences (see exceptions above) require competency in a language other than English. Such competency can be demonstrated by:
1. Successfully completing the third college semester or fifth college quarter in a language other than English (minimum competency/units required);
2. Successfully completing the fourth-year level of high school courses in a language other than English;
3. Successfully completing a third-semester equivalent proficiency examination in a language other than English;
4. Graduating from high school (where English is not the major language of instruction) in a non-English speaking country.
5. Passing with a grade of 3 or higher on an Advanced Placement (AP) examination in Chinese language and culture, French language and culture, German language and culture, Italian language and culture, Spanish language and culture or Spanish literature and culture; passing with a score of 4 in Japanese language and culture; or passing with a score of 5 in Latin.
6. Passing with a score of 4 to 7 on the higher level A2 or B examination for International Baccalaureate credit in Arabic, French, German, Hindi, Indonesian, Italian, Japanese, Korean, Russian, Spanish, or Swedish.

Students who are majoring in Art History, Asian Studies, Comparative International Studies, European Studies, Humanities, International Economics, International Security and Conflict Resolution, Jewish Studies, Latin American Studies, and Linguistics should also read the section on language requirement under their respective majors for special conditions and limits pertaining to those majors.

Courses offered at San Diego State University which satisfy the language requirement are:

Arabic 101, 102, 201, or 202
Chinese 101, 102, and 201
Classics 101G, 202G, and 303G (Greek)
Classics 101L, 202L, and 303L (Latin)
Dual Language and English Learner Education 101, 102, and 201

B. The Bachelor of Music degree (except the specialization in Jazz Studies and Instrumental Performance) requires the completion of appropriate college level language courses as designated in the following specializations:
1. Music Education – the first semester in Spanish.
2. Performance (vocalists only) – the first semester in each of French, German, and Italian. Required competency must be evaluated in a language competency evaluation administered by the head of the vocal area in the School of Music and Dance.
3. Global Composition and Professional Studies Track 2 – the first semester in French, German, Italian, or Spanish.
4. Professional Studies Track 3 - the second semester in French, German, Italian, or Spanish.

Students may demonstrate competency by taking a test of reading knowledge. Consult with music faculty adviser.

Students with prior competency may take a test of reading knowledge administered by the foreign language department concerned in consultation with the School of Music and Dance.

C. The Bachelor of Fine Arts degree in Dance
The Bachelor of Fine Arts degree in Dance requires competency (equivalent to that which is normally attained in two semesters of college study) in a foreign language.

D. The Bachelor of Arts degree in applied arts and sciences in English requires competency (equivalent to that which is normally attained in two semesters of college study) in a foreign language.

VI. Unit Requirements
A. Overall unit requirement. The minimum number of units necessary for a bachelor's degree (excluding courses numbered 99 and below; also courses numbered 397) is 120. Some majors and degrees have requirements that extend beyond the minimum number of units as listed below:

1. Bachelor of Arts degree in Applied Arts and Sciences .......................... 120
2. Bachelor of Arts degree in Liberal Arts and Sciences .......................... 120
3. Bachelor of Science degree in Applied Arts and Sciences ......................... 120
4. Bachelor of Science degree in Engineering ........................................ 129-137
5. Bachelor of Fine Arts degree in Dance............................................ 132
6. Bachelor of Music degree .................................................................... 132

B. Upper division unit requirement. The total number of upper division units necessary for a bachelor's degree is as follows:

1. Bachelor of Arts degree in Applied Arts and Sciences .......................... 40
2. Bachelor of Arts degree in Liberal Arts and Sciences .......................... 40
3. Bachelor of Science degree in Applied Arts and Sciences ......................... 45
4. Bachelor of Fine Arts degree in Applied Arts and Sciences ......................... 48
5. Bachelor of Music degree .................................................................... 51-63

Courses offering upper division credit are those numbered 300 through 599. All units from upper division courses (except those numbered 397 in any department) are applicable to the upper division unit requirement, including units from courses in the major and the minor, and from courses used to satisfy the American Institutions and the General Education requirements.

C. Unit limit totals. The maximum number of special units accepted for a bachelor's degree is as follows:

1. From transferable community and junior college courses ............................. 70
2. From credit by examination (excluding AP credit) ...................................... 30

* Credit will not be granted for this course if the student has taken an equivalent post-Civil War American history course or United States history AP credit.
** Credit will not be granted for this course if the student has taken an equivalent American government course or Government/Politics United States AP credit.
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3. From a total of all Extension, Open University, and correspondence courses (includes courses taken before and after matriculation) ................................................. 24

(NOTE: Only 24 units from Extension, Open University, and Special Session courses combined will be accepted toward the degree when taken prior to admission as a non-matriculated student. There is no limit on Special Session courses completed after matriculation.)

4. From courses graded credit (Cr) ................................................. 15

5. From topics courses numbered 296, 496, 596 .............................. 9

6. From General Studies courses numbered 200 and 400 .......... 6

7. From courses numbered below 100, and courses numbered 397 ................................................................. 0

8. From Special Study courses numbered 299, 499, 599 .......... 9

(NOTE: Examination credit awarded for a 299 course is excluded from the nine unit limit.)

9. From courses numbered 499 from one department (except Geological Sciences 499) ................................................. 6

10. From Aerospace Studies, Military Science, and Naval Science courses, ......................................................... 24

11. From Music 170-189, 370-389 (for non-major, music major for B.A. degree, and B.M. degree in Music Education, Global Composition, and Professional Studies) 14

12. From Music 170-189, 370-389, 570-589 (for music major for B.M. degree in Performance and Jazz Studies) ........... 18

* Upper division courses in the major and minor must be taken for a letter grade unless they are offered only credit/no credit.

D. Units in one department.

1. Bachelor of Arts degree in Liberal Arts and Sciences. The maximum number of units in any one department, lower and upper division combined, which can be applied toward the Bachelor of Arts degree in Liberal Arts and Sciences is 48, except in those majors outlined below.
   a. For students majoring in Art with an emphasis in Studio Arts ......................................................... 57
   b. For students majoring in Chemistry with Certificate of the American Chemical Society ........................... 49
   c. For students majoring in Dance (Bachelor of Arts) ....... 55
   d. For students majoring in English (courses in Comparative Literature, English, Rhetoric and Writing Studies) .......... 54
   e. For students majoring in Geography with an emphasis in Human Geography and Global Studies or the emphasis in Methods of Geographic Analysis ................................. 51
   f. For students majoring in Psychology ........................................ 56
   g. For students majoring in Russian ........................................ 53
   h. For students majoring in Social Work ................................. 50
   i. For students majoring in Spanish ........................................ 52

2. Bachelor of Fine Arts degree in Dance. The maximum number of units in upper division dance courses acceptable toward the Bachelor of Fine Arts degree in Dance is 70.

3. Bachelor of Music degree. The maximum number of units in upper division music courses acceptable toward the Bachelor of Music degree is 70.

VII. Residence Requirements

To qualify for a bachelor's degree, each of the following unit requirements must be completed at this university:

A. A minimum of 30 units total, of which at least 24 units must be upper division courses (numbered 300-599).

B. At least half of the upper division units required for the major, unless waived by the major department; however, in no case shall the unit total be fewer than 12 upper division units.

C. If a minor is completed, a minimum of six upper division units in the minor.

D. At least nine units in General Education courses.

(NOTE: Courses taken in Open University prior to spring 1998, for extension credit, and units earned through credit-by-examination may not be applied to these requirements.)

To qualify for a second bachelor's degree in nursing, students must complete a minimum of 30 post-baccalaureate units in residence at SDSU, of which at least 15 units must be upper division courses in the nursing major (numbered 300-599).

VIII. Grade Point Average Requirements

Four averages, each 2.0 or better, are required for graduation including those students who are seeking a second bachelor's degree in nursing.

A. SDSU GPA  – An average based on all courses attempted at SDSU.

B. Cumulative GPA  – An average based on all courses attempted at SDSU and transferable courses at other universities, liberal arts colleges, and community colleges. The cumulative GPA for students seeking a second bachelor's degree in nursing is comprised of an average based on all courses attempted at SDSU and transferable courses at other universities, liberal arts colleges, and community colleges for any post-baccalaureate credit.

C. Major GPA  – An average based on all upper division courses attempted in the major department. Upper division courses required for the major but taught outside the major department will also be included in the average.

D. Minor GPA  – An average based on all units applicable to a minor, if a minor is being completed for the degree. Information on the computation of averages can be found in the University Policies section of this catalog under Grades.

IX. General Education

General Education profoundly influences undergraduates by providing the breadth of knowledge necessary for meaningful work, life-long learning, socially responsible citizenship, and intellectual development. This 49-unit program, which comprises over one third of an undergraduate's course of study, places specialized disciplines into a wider world, enabling students to integrate knowledge and to make connections among fields of inquiry.

To put their breadth of knowledge to work, students gain intellectual and practical skills such as inquiry and analysis, creative and critical thinking, written and oral communication, scientific and quantitative literacy, and technological-information proficiencies. Students practice these skills in progressively challenging venues, mastering learning outcomes from a series of courses drawn from the following four sections: I, Communication and Critical Thinking; II, Foundations of Learning; III, American Institutions; and IV, Explorations of Human Experience. In order to acquire the skills required for advanced coursework within and across disciplines, student should complete the four sections sequentially.

The General Education program at SDSU prepares students to succeed in an increasingly complex and rapidly changing world. Our students will live and work in the context of globalization, scientific and technological innovation, cross-cultural encounters, environmental challenges, and unforeseen shifts in economic and political power. Through this program, students will acquire knowledge of human cultures and the physical and natural world that will enable them to engage significant questions, both contemporary and enduring.

To put their breadth of knowledge to work, students gain intellectual and practical skills such as inquiry and analysis, creative and critical thinking, written and oral communication, scientific and quantitative literacy, and technological-information proficiencies. Students practice these skills in progressively challenging venues, mastering learning outcomes from a series of courses drawn from the following four sections: I, Communication and Critical Thinking; II, Foundations of Learning; III, American Institutions; and IV, Explorations of Human Experience. In order to acquire the skills required for advanced coursework within and across disciplines, students should complete the four sections sequentially.

The General Education program at San Diego State University is evolving. A standing committee of faculty and students reviews the program continually and encourages the development of new courses, concepts, and learning experiences.

Seven Essential Capacities Developed through General Education

In addition to mastering the specialized disciplinary knowledge typically associated with undergraduate majors, well-educated individuals acquire general abilities, habits of mind, or capacities that significantly enhance their intellectual and professional lives. Students come to understand how arguments—which in journal articles, laboratory reports, lyrics, or manifestos—are constructed and evaluated; and they are able to craft persuasive cases in a wide variety of contexts. Students become familiar with the ways scholars—whether physicists or literary critics—theorize; and they are able to apply different kinds of theoretical models to real-world conditions. Students come to realize that most significant phenomena—from endangered species to British novels—cannot be understood in isolation because they are inevitably situated in complex webs or networks of interrelated phenomena; and they are able to locate concepts, ideas, texts, and events within these broader contexts. Students recognize the value of
engaging diverse and opposing principles, perspectives, and people to achieve political, intellectual, artistic, and social ends; and they grow competent in the sorts of negotiations such engagement requires. Students come to appreciate that local and global perspectives on subjects as diverse as policing, safe drinking water, and artistic trends are inevitably connected; and they can bring the two perspectives together. Students come to see that diverse concepts—from principles of harmony to supply and demand—apply to multiple phenomena; and they are skilled in identifying the relevance of such concepts across traditional disciplinary boundaries. Finally, students come to understand the intricate causal relationships between actions—whether giving a dowry or exploring space—and their effects; and they develop the ability to evaluate consequences in meaningful and responsible ways.

In order to develop these abilities in all our students, San Diego State University’s General Education program will emphasize the following seven essential capacities:

1. Construct, analyze, and communicate arguments;
2. Apply the real world;
3. Contextualize phenomena;
4. Negotiate differences;
5. Integrate global and local perspectives;
6. Illustrate relevance of concepts across boundaries;
7. Evaluate consequences of human action.

It is important to note that although these essential capacities inform General Education, they are by no means its exclusive property. In fact, these fundamental abilities are to be further strengthened through students’ major coursework. More specific goals of the various areas of General Education articulate directly with the seven essential capacities, in many cases manifesting the general abilities characterized in rather abstract terms—by the capacities.

### Communication and Critical Thinking

Communication and Critical Thinking are essential skills that underlie all university education. Focusing particularly on argument, courses in this area of General Education help students understand the general function of writing, speaking, visual texts, and thinking within the context of the university at large, rather than within specific disciplines. In addition to featuring the basic rules and conventions governing composition and presentation, Communication and Critical Thinking courses establish intellectual frameworks and analytical tools that help students explore, construct, critique, and integrate sophisticated texts. Goals in Communication and Critical Thinking:

- **Goal 1:** Construct, analyze, and communicate arguments for specific audiences.
- **Goal 2:** Analyze a variety of texts commonly encountered in the academic setting.
- **Goal 3:** Situate discourse within social, generic, cultural, and historic contexts.
- **Goal 4:** Assess the relative strengths of arguments and supporting evidence.

### Foundations of Learning

Foundations of Learning courses follow and build upon Communication and Critical Thinking courses and are offered by individual departments and interdisciplinary areas in the Natural Sciences and Quantitative Reasoning, Social and Behavioral Sciences, and Humanities and Fine Arts. Foundations of Learning courses in the Natural Sciences and Quantitative Reasoning are divided into four categories: 1. Physical Sciences, 2. Life Sciences, 3. Laboratory, and 4. Mathematics and Quantitative Reasoning. Those in the Humanities and Fine Arts are divided into five categories: 1. Literature, 2. Art, Classics, Dance, Drama, Humanities, and Music, 3. History, 4. Philosophy and Religious Studies, and 5. Foreign Language. Foundations of Learning courses introduce students to the basic concepts, theories, and approaches offered by disciplinary and interdisciplinary areas of study. They provide the foundation to understand and approach problems in the academy, and in local and global real-world environments. Consistent with class size and learning goals, they cultivate skills in reading, writing, communication, composition, information-gathering, and use of technology. Where appropriate, courses intended as preparation for a major may also be designated as Foundations of Learning courses. Only lower division courses are designated as Foundations of Learning courses.

### Explorations of Human Experience

Explorations of Human Experience courses are upper division courses which allow concentrated or thematic study. In Explorations of Human Experience there are three areas of study: 1. Natural Science and Quantitative Reasoning, 2. Social and Behavioral Sciences, and 3. Humanities and Fine Arts. Among these areas are courses designated as cultural diversity courses. Explorations of Human Experience courses take the goals and skills of Foundations of Learning courses to a more advanced level. This may find expression in one or more of the following pedagogical elements: greater interdisciplinary, more complex and in-depth theory, deeper abstraction of foundational concepts, and wider awareness of global challenges. More extensive reading, written analysis involving complex comparisons well-developed arguments, considerable bibliography, and use of technology are appropriate in many Explorations of Human Experience courses. Courses narrowly centered within one aspect of a discipline are more suited to major study than general education, which encourages students to relate their learning across the range of their educational experience. Explorations of Human Experience courses are upper division and cannot be used to fulfill this requirement if taken before students reach junior standing (passing 60 units).

### Areas of Study in Foundations of Learning and Explorations of Human Experience

#### A. NATURAL SCIENCES AND QUANTITATIVE REASONING

**Natural Sciences**

Natural Sciences use the scientific process to study nature and represent an approach to the study of the universe and its natural laws and phenomena. Students achieve basic scientific literacy and thereby understand the scientific process including the value of observation, hypothesis testing, and experiments in the advance of science. Thus students require a general understanding of fundamental concepts and knowledge accumulated by the natural sciences. From that understanding students develop an ability to reason about and follow new developments in the natural sciences, and to think in a scientifically informed manner about social and political issues that involve science and technology.

**Goals for GE Courses in the Natural Sciences**

- **Goal 1:** Explain basic concepts and theories of the natural sciences.
- **Goal 2:** Use logic and scientific methods to analyze the natural world and solve problems.
- **Goal 3:** Argue from multiple perspectives about issues in natural science that have personal and global relevance.
- **Goal 4:** Use technology in laboratory and field situations to connect concepts and theories with real-world phenomena.

**Quantitative Reasoning**

Quantitative reasoning refers to a range of academic capacities that includes learning from data, communicating quantitatively, analyzing evidence and assertions, and employing quantitative intuition. While quantitative reasoning is essential to sciences, other disciplines require the ability to use and comprehend quantitative language. To do this, students require the ability to analyze and interpret data in both scientific and social contexts. By possessing this set of mathematical and problem solving skills, students will be able to engage effectively in quantitative situations arising in life and work.

**Goals for GE Courses in Quantitative Reasoning**

- **Goal 1:** Apply appropriate computational skills and use basic mathematical concepts to analyze problems in natural and social sciences.
- **Goal 2:** Use methods of quantitative reasoning to solve and communicate answers to real-world problems.

#### B. SOCIAL AND BEHAVIORAL SCIENCES

**The Social and Behavioral Sciences**

The Social and Behavioral Sciences focus on human behavior, cognition, and organization from anthropological, economic, geographic, linguistic, political, psychological and sociological perspectives. Students gain an understanding of society and culture, as well as individual and social interaction processes. Disciplines within the Social and Behavioral Sciences employ the scientific method and utilize both quantitative and qualitative techniques to analyze the diversity and complexity of human experience. Through interdisciplinary learning, students explore the relationships between human societies and the physical environment.

**Goals for GE Courses in the Social and Behavioral Sciences**

- **Goal 1:** Explore and recognize basic terms, concepts, and domains of the social and behavioral sciences.
- **Goal 2:** Comprehend diverse theories and methods of the social and behavioral sciences.
- **Goal 3:** Identify human behavioral patterns across space and time and discuss their interrelatedness and distinctiveness.
- **Goal 4:** Enhance understanding of the social world through the application of conceptual frameworks from the social and behavioral sciences to first-hand engagement with contemporary issues.
C. HUMANITIES AND FINE ARTS
The Humanities and Fine Arts encompass works of the imagination, such as art, literature, film, drama, dance, and music, and related scholarship. Students better understand human problems, responsibilities, and possibilities in changing historical contexts and diverse cultures, and in relation to the natural environment. Students acquire new languages and familiarize themselves with related cultures. They gain the ability to recognize and assess various aesthetic principles, belief systems, and constructions of identity. Students acquire capacities for reflection, critique, communication, cultural understanding, creativity, and problem solving in an increasingly globalized world.

Goals for GE Courses in the Humanities and Fine Arts
- Goal 1: Analyze written, visual, or performed texts in the humanities and fine arts with sensitivity to their diverse cultural contexts and historical moments.
- Goal 2: Develop a familiarity with various aesthetic and other value systems and the ways they are communicated across time and cultures.
- Goal 3: Argue from multiple perspectives about issues in the humanities that have personal and global relevance.
- Goal 4: Demonstrate the ability to approach complex problems and ask complex questions drawing upon knowledge of the humanities.

GENERAL EDUCATION Requirements and Limitations
You must complete all requirements in sections I, II, III, and IV for a total of 60 units. Because you must be a member of these courses, you must complete 60 units. Only those courses listed in the General Education areas may be used to satisfy General Education requirements.

Within these 49 units, the following limitations apply:
1. No more than 12 units from one department can be used in General Education.
2. No more than 7 units from one department can be used in sections II and IV combined (Foundations of Learning and Explorations of Human Experience), nor more than 10 units from one department in sections II, III, and IV combined (Foundations of Learning, American Institutions, and Explorations of Human Experience).
3. Upper division courses in your major department cannot be used in section IV, Explorations of Human Experience. Courses in a student's major (collaborative/cross-listed, "Same course as") may not be used in section IV, Explorations of Human Experience.
4. A three-unit General Education course required for your major but not in your major department may be used in section IV, Explorations of Human Experience only if your major requires at least 27 units for the B.A. degree or at least 39 units for the B.S. degree.
5. Explorations of Human Experience courses shall not be taken sooner than the semester in which you complete 60 units. Only those courses listed in the General Education areas may be used to satisfy General Education requirements.
6. Credit/No Credit grades cannot be used in section I, Communication and Critical Thinking or section II.A.4., Mathematics/Quantitative Reasoning. Freshmen whose scores on the Entry Level Mathematics (ELM) and English Placement Test (EPT) examinations are below passing must enroll in the appropriate remedial course in the first semester. Freshmen must begin the required sequences in the first semester and continue in subsequent semesters until they complete the sequences. The registration system will enforce enrollment in the required courses. This enforcement will occur every semester until the required sequences are completed.
7. Students who do not successfully complete their remediation requirements within one year of their initial enrollment will be administratively disqualified.

Specialized General Education Patterns
Engineering, Liberal Studies, Nursing, and single subject credential majors should refer to the description of their major in the Courses and Curricula section of this catalog for a listing of General Education requirements.

I. COMMUNICATION AND CRITICAL THINKING (9 units)
You may not use Credit/No Credit grades in this section. A grade of C- (1.7) or better is required. Complete one course from each of the following three sections.

1. Oral Communication
   - Africana Studies 140. Oral Communication (3)
   - Chicana and Chicano Studies 111A. Oral Communication (3)
   - Communication 103. Oral Communication (3)

2. Composition
   - Africana Studies 120. Composition (3)
   - American Indian Studies 120. Written Communication (3)
   - Chicana and Chicano Studies 111B. Written Communication (3)
   - English 100. Rhetoric of Written Argument (3) [Same course as Rhetoric and Writing Studies 100]
   - Linguistics 100. English Composition for International Students (3)
   - Rhetoric and Writing Studies 100. Rhetoric of Written Argument (3) [Same course as English 100]
   - Rhetoric and Writing Studies 101. Rhetoric of Written Argument (3)

3. Intermediate Composition and Critical Thinking
   - Africana Studies 200. Intermediate Expository Writing and Research Fundamentals (3)
   - American Indian Studies 225. Expository Writing and Research (3)
   - Chicana and Chicano Studies 200. Intermediate Expository Research and Writing (3)
   - English 200. Rhetoric of Written Arguments in Context (3) [Same course as Rhetoric and Writing Studies 200]
   - Linguistics 200. Advanced English for International Students (3)
   - Philosophy 200. Critical Thinking and Composition (3)
Rhetoric and Writing Studies 200. Rhetoric of Written Arguments in Context (3) [Same course as English 200]

II. FOUNDATIONS OF LEARNING (28 units)

No more than 7 units total may be taken in any one department in Foundations of Learning and Explorations of Human Experience combined, and no more than 10 units may be taken in any one department in Foundations of Learning, American Institutions, and Explorations of Human Experience combined.

A. Natural Sciences and Quantitative Reasoning. Complete one course from each of the following four sections. (For majors in the sciences and related fields refer to the Special Provision for Majors in the Sciences and Related Fields section.)

1. Physical Sciences
   - Astronomy 101. Principles of Astronomy (3)
   - Astronomy 201. Astronomy for Science Majors (3)
   - Chemistry 100. Introduction to General Chemistry with Laboratory (4)
   - Chemistry 102. Introduction to General, Organic, and Biological Chemistry with Laboratory (5) [For Nursing majors only.]
   - Engineering 250. Introduction to Renewable Energy (3)
   - Environmental Science 100. Environmental Sciences (3) [Same course as Sustainability 100]
   + Geography 101. Earth’s Physical Environment (3) [Cannot be used in combination with Anthropology 101.]
   + Geography 103. Weather and Climate (3) [Cannot be used in combination with Anthropology 101.]
   - Geological Sciences 100. Planet Earth (3)
   - Geological Sciences 104. Earth Science (3)
   - Natural Science 100. Physical Science (3)
   - Oceanography 100. The Ocean Planet (4)
   - Sustainability 100. Environmental Sciences (3) [Same course as Environmental Science 100]

2. Life Sciences
   - Anthropology 101. Human Biocultural Origins (3) [Cannot be used in combination with Geography 101 or 103.]
   - Biology 100. General Biology (3)
   - Biology 101. World of Animals (3)

+ Only one of these three courses may be taken for General Education credit.

3. Laboratory
   - Astronomy 109. Astronomy Laboratory (1)
   - Biology 100L. General Biology Laboratory (1)
   - Biology 101L. World of Animals Laboratory (1)
   - Chemistry 100. Introduction to General Chemistry with Laboratory (4)
   - Chemistry 102. Introduction to General, Organic, and Biological Chemistry with Laboratory (5) [For Nursing majors only.]
   - Geography 101L. Earth’s Physical Environment Laboratory (1)
   - Geological Sciences 101. Dynamics of the Earth Laboratory (1)
   - Oceanography 100. The Ocean Planet (4)

4. Mathematics/Quantitative Reasoning
   You may not use Credit/No Credit grades in this section.
   A grade of C- (1.7) or better is required.
   - Administration, Rehabilitation and Postsecondary Education 201. Introductory Statistics and Research Design for Education (3)
   - Biology 215. Biostatistics (3)
   - Computer Science 100. Computational Thinking (3)
   - Economics 201. Statistical Methods (3)
   - Geography 104. Geographic Information Science and Spatial Reasoning (3)
   - Mathematics 105. College Algebra (3)
   - Mathematics 118. Topics in Mathematics (3)
   - Mathematics 120. Calculus for Business Analysis (3)
   - Mathematics 122. Calculus for the Life Sciences II (3)
   - Mathematics 124. Calculus for the Life Sciences (4)
   - Mathematics 141. Precalculus (3)
   - Mathematics 150. Calculus I (4)
   - Mathematics 151. Calculus II (4)
   - Mathematics 210L. Number Systems in Elementary Mathematics (3)
   - Mathematics 211. Geometry in Elementary Mathematics (3)
   - Mathematics 245. Discrete Mathematics (3)
   - Mathematics 252. Calculus III (4)
   - Mathematics 254. Introduction to Linear Algebra (3)
   - Philosophy 120. Introduction to Logic (3)
   - Political Science 201. Elementary Statistics for Political Science (3)
   - Psychology 280. Statistical Methods in Psychology (4)
   - Sociology 201. Elementary Social Statistics (3)
   - Statistics 119. Elementary Statistics for Business (3)
   - Statistics 250. Statistical Principles and Practices (3)

Special Provision for Majors in the Sciences and Related Fields

Some majors require or recommend coursework in astronomy, biology, chemistry, geological sciences, or physics in preparation for the major. If you have declared one of these majors you may substitute those courses for courses listed under either Life Sciences or Physical Sciences (as appropriate) in Section II.A above.

B. Social and Behavioral Sciences. Complete two courses taken from different departments (6 units).

- Africana Studies 101. Introduction to Africana Studies (3)
- Anthropology 102. Introduction to Socio-Cultural Anthropology (3)
- Anthropology 103. Introduction to Archaeology and World Prehistory (3)
- Asian Studies 100. State and Society in the Asia Pacific (3)
- Child and Family Development 135. Principles of Family Development (3)
- Child and Family Development 170. Child and Adolescent Development from a Cultural Perspective (3) [Same course as Teacher Education 170, for Liberal Studies majors only.]
- Communication 245. Interpersonal Communication (3)
- Economics 101. Principles of Economics (3)
- Economics 102. Principles of Economics (3)
- Finance 250. Financial Literacy (3)
- General Studies 280. Introduction to Civic Engagement (3)
- General Studies 290. Introduction to Undergraduate Research (3)
- Geography 102. People, Places, and Environments (3)
- Geography 106. World Regional Geography (3)
- Geography 170. Sustainable Places and Practices (3)
- Gerontology 101. Introduction to Human Aging (3)
- Journalism and Media Studies 200. Introduction to Contemporary Media (3)
- Journalism and Media Studies 210. Social Media in the Digital Age (3)
- Latin American Studies 101. Introduction to Latin American Studies (3)
- Linguistics 101. Introduction to Language (3)
- Political Science 103. Introduction to Comparative Politics (3)
- Political Science 104. Global Politics (3)
- Professional Studies and Fine Arts 100. Sustainable Development (3)
- Psychology 101. Introductory Psychology (3)
- Science 250. Informal Learning and Instruction of Mathematics and Science (3) [Same course as Teacher Education 250]
- Sociology 101. Introductory Sociology: The Study of Society (3)
- Sociology 102. Introduction to Social Problems (3)
- Speech, Language, and Hearing Sciences 150. Sign Languages and Deaf Culture (3)
- Teacher Education 170. Child and Adolescent Development from a Cultural Perspective (3) [Same course as Child and Family Development 170; for Liberal Studies majors only.]
- Teacher Education 250. Informal Learning and Instruction of Mathematics and Science (3) [Same course as Science 250]
- Women’s Studies 101. Women: Self, Identity and Society (3)

C. Humanities. Complete a course in each of four of the following five areas (12 units).

1. Literature
   - Africana Studies 260. Africana Literary Study (3)
   - Comparative Literature 270A. World Literature (3)
   - Comparative Literature 270B. World Literature (3)
   - English 220. Introduction to Literature (3)
   - Spanish 250. Women’s Literature in the Hispanic World (3)

^Taught in English.
2. Art, Classics, Dance, Drama, Humanities, and Music

- American Indian Studies 110. American Indian Heritage (3)
- Art 157. Introduction to Art (3)
- Art 258. Introduction to Art History I (3)
- Art 259. Introduction to Art History II (3)
- Asian Studies 101. Asian Thought and Cultures (3)
- Chicana and Chicano Studies 100. Chicana and Chicano Heritage (3)
- Classics 140. Introduction to Classics (3)
- Construction Engineering 101. Construction and Culture (3)
- Dance 181. Introduction to Dance (3)
- European Studies 101. Introduction to European Studies (3)
- German 150. Contemporary German Culture and the New Europe (3)
- Humanities 101. Introduction to Humanities (3)
- Humanities 102. Global Humanities (3)
- Humanities 130. The Jewish Heritage (3)
  [Same course as Jewish Studies 130]
- Humanities 140. World Mythology (3)
- Jewish Studies 130. The Jewish Heritage (3)
  [Same course as Jewish Studies 130]
- Linguistics 243. Invented Languages — Klingon and Beyond! (3)
- Music 151. Introduction to Music (3)
- Rhetoric and Writing Studies 250. Rhetoric in Everyday Life (3)
- Russian 110. Slavic Legends and Tales (3)
- Russian 250. Russian Culture in a Digital World (3)
- Television, Film and New Media 160. Cinema as Art (3)
- Theatre 100. The Art of Theatre (3)
- Theatre 120. Heritage of Storytelling (3)
- Theatre 205. American Musical on Stage and Screen (3)
- Women’s Studies 102. Women: Images and Ideas (3)

3. History

- History 100. World History (3)
- History 101. World History (3)
- History 105. Western Civilization to the Seventeenth Century (3)
- History 106. Western Civilization Since the Sixteenth Century (3)

4. Philosophy and Religious Studies

- Africana Studies 240. Africana Intellectual Thought (3)
- Philosophy 101. Introduction to Philosophy: Ethics (3)
- Philosophy 102. Introduction to Philosophy: Knowledge and Reality (3)
- Religious Studies 100. Exploring the Bible (3)
- Religious Studies 101. World Religions (3)
- Religious Studies 102. Exploring the Qur’an (3)
- Religious Studies 103. American Religious Diversity (3)

5. Foreign Language

- Arabic 101. Elementary Arabic I (4)
- Arabic 102. Elementary Arabic II (4)
- Arabic 201. Intermediate Arabic I (4)
- Arabic 202. Intermediate Arabic II (4)
- Chinese 101. Elementary Chinese I (5)
- Chinese 102. Elementary Chinese II (5)
- Chinese 201. Intermediate Chinese I (5)
- Chinese 202. Intermediate Chinese II (5)
- Classics 101G. Ancient Greek I (5)
- Classics 101L. Latin I (5)
- Classics 120. English Words from Latin and Greek (3)
- Classics 202G. Ancient Greek II (5)
- Classics 202L. Latin II (5)
- Dual Language and English Learner Education 101. American Sign Language I (4)
  [Same course as Speech, Language, and Hearing Sciences 101]
- Dual Language and English Learner Education 102. American Sign Language II (4)
- Dual Language and English Learner Education 201. American Sign Language III (4)
- Filipino 101. Elementary Filipino I (4)
- Filipino 102. Elementary Filipino II (4)
- Filipino 201. Intermediate Filipino (4)
- French 100A. Elementary French I (5)
- French 100B. Elementary French II (5)
- French 201. Readings in French (3)
- French 210. French Grammar (3)
- French 221. Speaking and Writing French (4)
- German 100A. First Course in German (5)
- German 100B. Second Course in German (5)
- German 202. Readings in German (3)
- German 205A. Third Course in German (4)
- German 205B. Fourth Course in German (4)
- Hebrew 101. Elementary Hebrew I (4)
- Hebrew 102. Elementary Hebrew II (4)
- Hebrew 201. Intermediate Hebrew (4)
- Italian 100A. Elementary Italian I (5)
- Italian 100B. Elementary Italian II (5)
- Italian 201. Reading and Speaking Italian (3)
- Italian 211. Intermediate Italian I (4)
- Italian 212. Intermediate Italian II (4)
- Japanese 111. Elementary Japanese I (5)
- Japanese 112. Elementary Japanese II (5)
- Japanese 211. Intermediate Japanese I (5)
- Japanese 212. Intermediate Japanese II (5)
- Korean 101. Elementary Korean I (5)
- Korean 102. Elementary Korean II (5)
- Korean 201. Intermediate Korean I (5)
- Korean 202. Intermediate Korean II (5)
- Latin American Studies 110. Elementary Mixtec I (4)
- Latin American Studies 111. Elementary Mixtec II (4)
- Latin American Studies 120. Elementary Zapotec I (4)
- Latin American Studies 210. Intermediate Mixtec I (4)
- Persian 101. Elementary Modern Persian I (4)
- Persian 102. Elementary Modern Persian II (4)
- Persian 201. Intermediate Persian I (4)
- Persian 202. Intermediate Persian II (4)
- Portuguese 101. Elementary Portuguese I (5)
- Portuguese 102. Elementary Portuguese II (5)
- Portuguese 110. Beginner Portuguese for Spanish Speakers (3)
- Portuguese 203. Intermediate Portuguese I (3)
- Portuguese 204. Intermediate Portuguese II (3)
- Russian 100A. Beginning Russian I (5)
- Russian 100B. Beginning Russian II (5)
- Russian 200A. Intermediate Russian I (5)
- Russian 200B. Intermediate Russian II (5)
- Spanish 101. Introduction to Spanish I (4)
- Spanish 102. Introduction to Spanish II (4)
- Spanish 201. Intermediate Spanish I (4)
- Spanish 202. Intermediate Spanish II (4)
- Spanish 211. Intermediate Conversation and Reading (3)
- Spanish 212. Intermediate Conversation and Writing (3)
- Spanish 281. Intermediate Spanish for Heritage Language Learners I (3)
- Spanish 282. Intermediate Spanish for Heritage Language Learners II (3)
  [Same course as Dual Language and English Learner Education 101]

^Taught in English.

III. AMERICAN INSTITUTIONS (3 units)

Three units of the six units of coursework which meet the American Institutions graduation requirement may be used in General Education, excluding courses numbered 500 and above. Refer to General Education section IV, Explorations of Human Experience for exceptions. Upper division courses in the major department may be used to satisfy General Education section III, American Institutions.

IV. EXPLORATIONS OF HUMAN EXPERIENCE

Courses in this area must not be taken sooner than the semester in which you achieve upper division standing (60 units passed). Upper division courses in the major department may not be used to satisfy General Education section IV, Explorations of Human Experience. Courses in a student's major (collaborative/ cross-listed, “Same course as”) may not be used in section IV, Explorations of Human Experience.

No more than 7 units total may be taken in any one department in Foundations of Learning and Explorations of Human Experience combined, and no more than 10 units may be taken in any one department in Foundations of Learning, American Institutions, and Explorations of Human Experience combined.
Complete one course each in areas A, B, and C (9 units). One course must be a course in cultural diversity, designated by an *.

(Majors in the departments of astronomy, biology, chemistry and biochemistry, computer science, engineering, environmental sciences, geological sciences, mathematics and statistics, natural science, nursing, and physics may replace the area A course with an additional course from area B or C or an upper division American Institutions course. American Institutions requirement was not completed with lower division coursework.)

A. Natural Sciences. Complete one course.

* Anthropology 355. Exploring Primate Behavior (3)
* Anthropology 402. From the Cave: Modern Forensic Anthropology (3)
* Anthropology 402. Dynamics of Biocultural Diversity (3)
* Anthropology 301. Cosmology and Gravitational Collapse (3)
* Anthropology 310. Astrobiology and the Search for Extraterrestrial Life (3)
* Biology 307. Biology of Sex (3)
* Biology 315. Ecology and Human Impacts on the Environment (3)
* Biology 324. Life in the Sea (3)
* Biology 326. Plants, Medicines, and Drugs (3)
* Biology 327. Conservation of Wildlife (3)
* Biology 335. The Human Body (3)
* Biology 336. Principles of Human Physiology (3)
* Chemistry 300. Forensic Science (3)
* Chemistry 308. Chemistry as a Unifying Science (3)
* Computer Science 301. Computers and Society (3)
* Environmental Engineering 320. Designing Solutions for Environmental Problems (3)
* Environmental Science 301. Energy and the Environment (3)
* Exercise and Nutritional Sciences 331. Exercise and Nutrition for Health, Fitness, and Performance (3)
* General Studies 340. Confronting AIDS (3)
* Geography 303. Severe Weather (3)
* Geological Sciences 301. Geology of National Parks and Monuments (3)
* Geological Sciences 303. Natural Disasters (3)
* Geological Sciences 305. Water and the Environment (3)
* Mathematics 203. History of Mathematics (3)
* Nursing 350. Women's Health Across the Lifespan (3)
* Nutrition 313. Contemporary Issues in Filipino-American Communities (3)
* Anthropology 360. From the Grave: Modern Forensic Anthropology (3)
* Anthropology 460. American Indian Languages (3)
* Anthropology 402. From the Cave: Modern Forensic Anthropology (3)
* Anthropology 402. Dynamics of Biocultural Diversity (3)
* Anthropology 301. Cosmology and Gravitational Collapse (3)
* Anthropology 310. Astrobiology and the Search for Extraterrestrial Life (3)
* Biology 307. Biology of Sex (3)
* Biology 315. Ecology and Human Impacts on the Environment (3)

B. Social and Behavioral Sciences. Complete one course.

* Africana Studies 320. Political Economy of African Diaspora (3)
* Africana Studies 321. Black Political Participation in America (3)
* Africana Studies 322. African American Political Thought (3)
* Africana Studies 341. Cultural Patterns and African American Identity (3)
* Africana Studies 380. Blacks in the American Justice System (3)
* Africana Studies 421. Black Urban Experience (3)
* Africana Studies 455. Africana Class, Gender, and Sexualities (3)
* Africana Studies 473. Women in Africa (3)
* American Indian Studies 320. American Indians in Contemporary Society (3)
* American Indian Studies 420. Indian Peoples of California (3)
  [Same course as Anthropology 451]
* American Indian Studies 460. American Indian Languages (3)
  [Same course as Anthropology 460 and Linguistics 460]
* American Indian Studies 480. American Indian Languages (3)
  [Same course as Anthropology 480 and Linguistics 460]
* American Indian Studies 480. Issues in American Indian Education (3)
* Anthropology 348. Historical Archaeology (3)
* Anthropology 350. Cultures Around the Globe (3)
* Anthropology 353. Sustainability and Culture (3)
  [Same course as Sustainability 353]
* Anthropology 410. Language in Culture (3)
* Anthropology 439. Cultural Comparisons Through Film (3)
* Anthropology 440. Mesoamerican Civilization Before the Europaeans (3)
* Anthropology 442. Cultures of South America (3)
* Anthropology 451. American Indian Identity (3)
  [Same course as American Indian Studies 451]
  [Same course as Anthropology 451, Linguistics 460]
Graduation Requirements

Linguistics 354. Language and Computers (3)  
Linguistics 420. Linguistics and English (3)  
* Linguistics 460. American Indian Languages (3)  
[Same course as American Indian Studies 460 and Anthropology 460]  
Political Science 301A. History of Western Political Thought (3)  
Political Science 301B. History of Western Political Thought (3)  
Political Science 302. Modern Political Thought (3)  
* Political Science 334. Politics of the Environment (3)  
[Same course as Sustainability 334]  
* Political Science 336. Women's Issues in the American Political Process (3)  
Political Science 356. Politics of Europe (3)  
* Political Science 359. Government and Politics of Russia and the Commonwealth (3)  
* Political Science 361. Governments and Politics of the Developing Areas (3)  
* Political Science 362. Governments and Politics of East Asia (3)  
* Political Science 363. Governments and Politics of the Middle East (3)  
* Political Science 365. Chinese Politics (3)  
* Political Science 370. Political Violence (3)  
* Political Science 430. Immigration and Border Politics (3)  
[Same course as Latin American Studies 430]  
Political Science 435. Power and Poverty in the United States (3)  
* Professional Studies and Fine Arts 381. Cross-Cultural Interpretations of Gambling Addiction (3)  
Psychology 340. Social Psychology (3)  
Psychology 351. Psychology of Personality (3)  
Public Health 353. Human Sexuality and Disease (3)  
* Public Health 362. International Health (3)  
Recreation and Tourism Management 304. Leisure and Tourism (3)  
Recreation and Tourism Management 305. Wilderness and the Leisure Experience (3)  
* Recreation and Tourism Management 404. Cross-Cultural Perspectives of Tourism (3)  
Religious Studies 343. Sociology of Religion (3)  
[Same course as Sociology 338]  
* Social Work 350. Cultural Pluralism (3)  
Social Work 360. Perspectives on Human Behavior and the Social Environment (3)  
* Sociology 320. Sex and Gender in Contemporary Society (3)  
Sociology 330. Culture and History of Surfing (3)  
Sociology 335. Mass Communication and Popular Culture (3)  
Sociology 338. Sociology of Religion (3)  
[Same course as Religious Studies 343]  
Sociology 350. Population and Contemporary Issues (3)  
Sociology 352. Contemporary Social Problems (3)  
* Sociology 355. Minority Group Relations (3)  
Sociology 410. Social Psychology: Mind, Self, and Society (3)  
Sociology 421. American Families (3)  
Sociology 430. Social Organization (3)  
Sociology 436. Sociology of Health and Illness (3)  
Sociology 450. Social Change (3)  
Sociology 460. Technology and Society (3)  
* Sustainability 334. Politics of the Environment (3)  
[Same course as Political Science 334]  
* Sustainability 353. Sustainability and Culture (3)  
[Same course as Anthropology 353]  
* Women's Studies 310. Global Cultures and Women's Lives (3)  
* Women's Studies 320. Socialization of Women (3)  
* Women's Studies 325. Psychology of Women (3)  
* Women's Studies 331. Women in Asian Societies (3)  
* Women's Studies 370. Women, Law, and Policy (3)  
* Women's Studies 375. Sex, Power, and Politics (3)  
* Women's Studies 385. Women's Work: Invisibility and Empowerment (3)  

C. Humanities. Complete one course.  
* Africana Studies 365A. African American Literature to 1900 (3)  
[Same course as English 365A]  
* Africana Studies 365B. African American Literature After 1900 (3)  
[Same course as English 365B]  
* Africana Studies 385. African American Music (3)  
* Africana Studies 465. Africa in Literature and Film (3)  
[Same course as French 465]  
* Africana Studies 486. Afrofuturism (3)  
* Africana Studies 470. Comparative History: Afro-American and African Heritage (3)  
* Africana Studies 472. African Enslavement (3)  
* American Indian Studies 300. American Indian Oral Tradition (3)  
* American Indian Studies 430. American Indian Poetry and Fiction (3)  
* American Indian Studies 435. Indians Through Film and Television (3)  
* American Indian Studies 440. American Indian History (3)  
* American Indian Studies 470. American Indian Spirituality and Epistemologies (3)  
[Same course as Religious Studies 470]  
* Anthropology 349. Roots of Civilizations (3)  
* Anthropology 422. Music and Culture (3)  
* Anthropology 424. The Supernatural in Cross-Cultural Perspective (3)  
[Same course as Religious Studies 424]  
Arabic 301. Advanced Arabic I (4)  
Arabic 302. Advanced Arabic II (4)  
* Arabic 330. Arabic Culture (3)  
* Arabic 350. Advanced Conversational Arabic (4)  
Arabic 360. Advanced Arabic Grammar (3)  
Art 357. World Art in Contemporary Life (3)  
* Asian Studies 351. Chinese Philosophy (3)  
[Same course as Philosophy 351]  
* Asian Studies 421. Asian History Since 1600 (3)  
[Same course as History 421]  
* Asian Studies 422. Asian American Experiences (3)  
[Same course as History 422]  
* Asian Studies 451. Modern Asian Literature (3)  
[Same course as Comparative Literature 451]  
* Asian Studies 456. Contemporary Asian Film (3)  
* Asian Studies 458. Asian Traditions (3)  
[Same course as Religious Studies 458]  
* Asian Studies 459. Modern Asian Cultures (3)  
* Asian Studies 490. Study Abroad in Asian Studies (3)  
[Maximum GE credit 3 units]  
* Chicana and Chicano Studies 310. Mexican and Chicano Music (3)  
[Same course as Latin American Studies 310]  
* Chicana and Chicano Studies 335. Chicana and Chicano Literature (3)  
[Same course as English 335]  
* Chicana and Chicano Studies 350A. Chicana and Chicano History (3)  
* Chicana and Chicano Studies 350B. Chicana and Chicano History (3)  
* Chicana and Chicano Studies 375. US/Mexico Border History (3)  
* Chicana and Chicano Studies 376. Chicana and Chicano Culture and Thought (3)  
* Chicana and Chicano Studies 380. US/Mexico Borderlands Folklore (3)  
[Same course as Latin American Studies 380]  
* Chicana and Chicano Studies 400. Mexican Images in Film (3)  
[Same course as Latin American Studies 400]  
* Chicana and Chicano Studies 450. Chicano and Latino Theatre (3)  
* Chinese 301. Advanced Chinese I (3)  

* Cultural diversity course.  
† Taught in English.  
^ Either Asian Studies 460 (IV.B.) or Asian Studies 422/History 422 (IV.C.) may be taken for General Education credit.  
# Taught bilingually.
Graduation Requirements

Professional Studies and Fine Arts 320. Creativity and Communication in the Arts (3)
* Religious Studies 301. Hebrew Bible (3)
* Religious Studies 310. The Qur’an (3)
* Religious Studies 315. Yoga: Theory and Practice (3)
* Religious Studies 320. Judaism (3)
* Religious Studies 325. Christianity (3)
* Religious Studies 328. Islam (3)
* Religious Studies 330. Abrahamic Faiths: Shared Stories (3)
* Religious Studies 337. Asian Religions in America (3)
* Religious Studies 338. Buddhism (3)
* Religious Studies 339. Religions of India (3)
* Religious Studies 341. Zen and the Way of Japanese Religions (3)
* Religious Studies 345. Religions of East Asia (3)
* Religious Studies 350. Experiencing the Sacred (3)
* Religious Studies 352. Jainism (3)
* Religious Studies 353. Religion and Psychology (3)
* Religious Studies 354. Religion, Myth, and Storytelling (3)
* Religious Studies 355. Religious Ritual and Practice (3)
* Religious Studies 356. Hip Hop and Religion (3)
* Religious Studies 357. Sikhism (3)
* Religious Studies 358. Death, Dying, and Afterlife (3)
* Religious Studies 363. Religion and the Sciences (3)
* Religious Studies 364. Religion and Film (3)
* Religious Studies 370. Goddess Studies (3)
* Religious Studies 373. Women and the Bible (3)
* Religious Studies 379. Religious Violence and Nonviolence (3)
* Religious Studies 380. Atheism, Humanism, and Secularism (3)
* Religious Studies 395. New Religions (3)
* Religious Studies 405. Faith and Hope (3) [Same course as Humanities 405]
* Religious Studies 424. The Supernatural in Cross-Cultural Perspective (3) [Same course as Anthropology 424]
* Religious Studies 458. Asian Traditions (3) [Same course as Asian Studies 458]
* Religious Studies 470. American Indian Spirituality and Epistemologies (3) [Same course as American Indian Studies 470]
† Russian 301. Advanced Grammar and Composition (3)
† Russian 305A. Survey Course in Russian Literature (3)
† Russian 306A. Survey Course in Russian Language (3)
† Russian 306B. Survey of Russian American Literature (3)
† Russian 339. Religions of India (3)
† Russian 341. Russian Literature of the Twentieth Century (3)
† Russian 355. Russian Literature of the Nineteenth Century (3)
† Russian 363. Russian Literature of the Twentieth Century (3)
† Russian 370. Russian Civilization (3)
† Russian 375. Russian and East European Jewish Culture (3)
† Spanish 340. Spanish Civilization (3)
† Spanish 341. Spanish American Civilization (3)
† Spanish 342. Mexican Civilization (3)
† Spanish 405A. Survey Course in Spanish Literature (3)
† Spanish 405B. Survey Course in Spanish Language (3)
† Spanish 406B. Survey of Spanish American Literature (3)
† Sustainability 332. Environmental Ethics (3) [Same course as Philosophy 332]
Television, Film and New Media 363. International Cinema (3) [Maximum GE credit 3 units]
Television, Film and New Media 430. History of Prime-Time Television (3)
Television, Film and New Media 460A. History of the Theatre (3)
Television, Film and New Media 460B. History of the Theatre (3)
† Theatre 465. Theatre of Diversity (3)
† Women’s Studies 336. Women of Color in the United States (3)
† Women’s Studies 340. History of Women and Sexuality in Modern Europe (3)
† Women’s Studies 352. Women in Literature (3)
† Women’s Studies 360. Women’s Sexuality and the Body (3)

*Cultural diversity course.
^ Taught in English.

Application for Graduation

Graduation is not automatic upon the completion of requirements. Students who intend to graduate must take the initiative. When they believe they are eligible, students should apply to graduate using the online or in-person option. To apply online, enrolled students can apply using the SDSU WebPortal at http://www.sdsu.edu/portal, selecting the “Apply to Graduate” menu option, and submitting the application and nonrefundable $55 filing fee prior to the deadline. To apply in person, students must type and print the graduation application available on the Apply to Graduate website at http://www.sdsu.edu/applytograduate for the term they anticipate completing all degree requirements. In-person applications must be submitted to Student Account Services, Student Services West, Room 2536, with a nonrefundable $55 filing fee by the deadline. Handwritten applications will not be accepted. Application deadlines are published each year in the academic calendar and on the Apply to Graduate website at http://www.sdsu.edu/applytograduate. A nonrefundable application fee of $55.00 is required. Students seeking a second bachelor’s degree in nursing must submit an undergraduate application for graduation.

All requirements must be completed by the graduation date. Candidates for graduation are not eligible to register for terms subsequent to the graduation date unless an application for readmission is submitted as a postbaccalaureate student has been filed with Graduate Admissions. Students not completing requirements will have their graduation cancelled and must reapply for graduation during the appropriate filing period. Candidates who wish to change their projected graduation date between May and August may do so by submitting a Graduation Term Transfer Form. Changes between December and May or August graduation dates require a new application. Both term transfer and reapplication require a nonrefundable $55.00 fee.

Graduation requirements will be determined by the continuous enrollment regulations. A student not in a period of continuous enrollment at the time of filing for a bachelor’s degree must meet the graduation requirements in effect at the time of filing. Continuous enrollment is defined here as attendance in at least one semester or two quarters within a calendar year. See the Election of Regulations for Graduation section below for complete regulations. After the degree is granted, no changes can be made to the undergraduate record.

Time Limit on Completion of Requirements for the Major. As authorized by Title 5, California Code of Regulations, Section 40401, departments may require that specific academic requirements be met within seven years of granting an undergraduate degree. Such requirements will consist of advanced courses and examinations in areas of knowledge changing so rapidly that information may be obsolete after seven years. In those cases in which a student is required to repeat a course taken more than seven years previously, only the last grade will be used in computation of grade point averages.

NOTE: San Diego State University does not backdate degrees. The semester in which all your requirements are completed is the semester in which your degree will be posted to your academic record as long as you have an active application for graduation on file.

Election of Regulations for Graduation

An undergraduate student remaining in attendance in regular session at any California State University campus, any California community college, or any combination of California community colleges and campuses of The California State University may, for purposes of meeting graduation requirements, elect to meet the requirements in effect at San Diego State University either at the time the student began such attendance or at the time of entrance to the campus or at the time of graduation. Substitutions for discontinued courses may be authorized or required by the proper authorities.

“Attendance” is defined here as attendance in at least one semester or two quarters within a calendar year. Absence due to an approved educational leave or for attendance at another accredited institution of higher learning shall not be considered an interruption in attendance if the absence does not exceed two years. When students change or declare their majors, they must adopt the requirements of the major and any minors in effect at that time.

Commencement

Commencement exercises are held once a year at the end of the spring semester for undergraduate and graduate students who graduated fall of the previous year and candidates for graduation in spring and summer of the current year. The president of the university, by the authority of the trustees and on recommendation of the faculty, awards the degrees. Details regarding the exercises are mailed to prospective participants in March and are made available on the Commencement website at http://www.sdsu.edu/commencement.