
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.

2. You may change to the catalog in effect in the year in which you graduate. Thus, students graduating in December 2009, May 2010, or in the 2010 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:

- I. Passing one of the following national or state tests at the minimum score* or level identified below:
 - a. ELM score of 50 if taken after February 2002 (CSU Entry Level Mathematics Test). ELM score of 550 if taken before February 2002.
 - b. SAT or SAT Subject Tests – mathematics score of 550 (Scholastic Aptitude Test or Scholastic Assessment Test).
 - c. ACT Mathematics Test score of 23 (American College Test) if taken after October 1989.
 - d. Students must place (score) in the "Ready for CSU College-Level Mathematics Courses" category on the Early Assessment Program (EAP), augmented mathematics, taken in the 11th grade as part of the California Standards Test or Algebra II.
 - e. Students must place (score) in the "Ready for CSU College-Level Mathematics Courses – Conditional" category on the Early Assessment Program (EAP), augmented mathematics, taken in the 11th grade as part of the California Standards Test or Algebra II **PLUS** successful completion of a CSU-approved mathematics or mathematics-related course or activity taken before you enroll at a CSU campus.
 - f. AP score of 3 on mathematics AB or BC examination or the statistics examination (The College Board Advanced Placement Program).
 - g. Score of 550 on the College Board Mathematics Achievement Test, Level I or IC or II or IIC.
 - h. Score of 550 on the College Board SAT II Mathematics Test, Level I or IC or II or IIC.

* 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.

OR

- II. Earn a "C" or better grade in a transferable college mathematics course that satisfies General Education in Mathematics/Quantitative Reasoning.

OR

III. Complete BOTH a. and b. (below)

- a. Attempt but fail the ELM test (CSU Entry Level Mathematics) (score below 50 if taken after February 2002 and score below 550 if taken before February 2002).

AND

- b. Earn Credit (Cr) in General Mathematics Studies 91 or 99C at SDSU.

Credit earned in General Mathematics Studies courses numbered below 100 are not applicable to the baccalaureate degree.

Mathematics Departmental Placement Examination

Students wishing to enroll in any logic, mathematics, physics, statistics, or mathematically related course must pass the appropriate part of the Mathematics Departmental Placement Examination. These examinations assess mathematical preparation beyond the

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elementary level. The Intermediate Algebra Proficiency Assessment tests knowledge of intermediate algebra; the Precalculus Proficiency Assessment tests knowledge of algebra and trigonometry as needed in calculus; the Liberal Studies Mathematics Proficiency Assessment tests numbers and operations, geometry and measurement. Equivalent transfer courses will not grant exemptions from any part of the Placement Examination.

WRITING TESTING REQUIREMENTS: FRESHMEN

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

- I. Pass one of the following national or state tests at the minimum score* or level identified below:
 - a. EPT score of 151 total (CSU English Placement Test).
 - b. SAT critical reading score of 550 (Scholastic Aptitude Test or Scholastic Assessment Test) if taken after March 1995. SAT verbal score of 470 if taken before March 1995.
 - c. ACT English test score of 24 (American College Test) if taken after October 1989.
 - d. Students must place (score) in the "Ready for CSU College-Level English Courses" category on the Early Assessment Program (EAP) taken in the 11th grade as part of the California Standards Test.
 - e. AP score of 3 on Language and Composition or Literature and Composition (The College Board Advanced Placement Program).
 - f. Score of 600 on the College Board Achievement Test in English Composition with Essay.
 - g. Score of 680 or above on the College Board SAT II Writing Test taken May 1998 to May 2005. Score of 660 on College Board SAT II Writing Test taken between April 1995 and April 1998. Score of 600 on the College Board SAT II Writing Test taken before March 1995.
 - h. Score of 680 or above on the College Board SAT Writing section.

* 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.

OR

- II. Pass with a C or better a transferable college composition course that satisfies General Education in Composition or Critical Thinking.

OR

III. Complete BOTH a. and b. (below)

- a. Attempt but fail the EPT (CSU English Placement Test) (score below 151 total)

AND

- b. Earn credit (Cr) in one of the following courses: Linguistics 94; Rhetoric and Writing Studies 92A, 92B, 94, 97.

Credit earned in Linguistics and Rhetoric and Writing Studies courses numbered below 100 are not applicable to the baccalaureate degree.

II. Graduation Writing Assessment Requirement (GWAR)

All undergraduates must demonstrate competency in writing skills at the upper division level as a requirement for the baccalaureate degree. The Writing Proficiency 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.

B. 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 stop out of the university one semester and maintain continuing student status. If the examination is completed during the stop out term, the student may re-enroll the following semester. Students who have not taken the examination by the end of the stop out term will be required to reapply for admission to SDSU and meet the admission requirements in effect at the time they reapply.

C. Writing Proficiency Assessment Scores. Students who achieve a score of 10 or above on the WPA satisfy the statewide Graduation Writing Assessment Requirement and do not have to take a writing course **unless an upper division writing course is required by their major.**

Students who achieve a score of 8 or 9 are required to satisfy the Graduation Writing Assessment Requirement by completing an approved upper division writing course with a grade of C or higher. SEE LIST BELOW.

Students who earn a score of 7 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 higher before enrolling in one of the required approved upper division writing courses. **The SDSU registration system will require students who earn a 7 or below to register for the required course in the semester following the testing time frame.**

D. 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.

E. 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.

F. Approved upper division writing courses:

Anthropology 396W
Chicana and Chicano Studies 396W
Economics 449W
English 306W (Liberal Studies majors only)
English 308W (Required for English and Comparative Literature majors; open to other majors)
English 508W
English 581W
English 584W
History 400W
History 450W
Information and Decision Systems 390W
Information and Decisions Systems 396W
Journalism and Media Studies 310W
Linguistics 305W
Linguistics 396W
Recreation and Tourism Management 396W
Rhetoric and Writing Studies 305W
Rhetoric and Writing Studies 500W
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 shall a student 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 credit (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 two departments. If so, the requirements for both majors must be satisfied. Units for courses which could satisfy the requirements in both majors can be counted only once. Only one diploma will be granted but the diploma and transcript will note the completion of each major.

A student may earn two majors in one department only where the specific combinations of majors are authorized by the department and the college. All requirements for both majors must be satisfied; units for courses which could satisfy requirements in both majors can be counted only once. In most cases, students pursuing two majors in one department will be required to file with the Office of the Registrar a master plan approved by the major department.

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.

C. Minor. Completion of a minor is necessary if required by the major; the decision otherwise to have, or not to have, a minor is left with the student. 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. Declaration of a minor occurs by obtaining and filing a Declaration of Major or Minor form at the Office of the Registrar.

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 three 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):

Africana Studies 170A and 170B	Political Sci 101 and 102
American Indian Studies 140 and 141	Political Sci 101 and 320
Chicana and Chicano Studies 120A and 120B	Political Sci 102 and 305
Chicana and Chicano Studies 141A and 141B	Political Sci 102 and 422
History 109 and 110	Political Sci 305 and 320
History 109 and 410	Political Sci 305 and 321
History 115 and 116	Political Sci 320 and 422
History 110 and 409	Political Sci 320 and 422
History 409 and 410	Religious Studies 390A and 390B
	Women's Studies 341A and 341B

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:

- Advanced Placement (AP) credit in American history or Government/Politics: American or International Baccalaureate credit in History of the Americas.
- Course(s) in American history which cover a minimum of 100 years of U.S. history, including the establishment of the U.S. Constitution;
- An American history course which covers a minimum of 100 years of history AND a course in American Government:
Student may elect to complete the California state and local government portion of the American Institutions requirement by either:
 - Taking the California Government examination available through the Student Testing, Assessment and Research Office, OR
 - Completing one of the following SDSU courses: Africana Studies 170B; American Indian Studies 141; Chicana and Chicano Studies 120B, 141B; History 110*, 116*, 410, 445; Political Science 102**, 320**, 321, 422; Religious Studies 390B; Women's Studies 341B.

* 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.

+ Credit will not be granted if IB History of the Americas examination is passed.

V. Language Requirement

Students whose majors lead to the Bachelor of Arts degree in liberal arts and sciences, the Bachelor of Music degree, or the Bachelor of Fine Arts in Dance degree 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 score of 3 or higher on a placement (AP) examination in French language, French literature, German language, Spanish language, or Spanish literature; or passing with a score of 5 in Latin literature or Vergil.
6. Passing with a score of 4 to 7 on the higher level examination for International Baccalaureate credit in French, German, or Spanish A2 or Spanish B.

Students who are majoring in **art history, European studies, humanities, international economics, 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)
- Filipino 101, 102, and 201
- French 100A, 100B, and 200 or 201 or 210 or 221
- German 100A, 100B, 202 or 205A or 205B
- Hebrew 101, 102 and 200, and 201
- Italian 100A, 100B, and 201 or 211 or 212
- Japanese 111, 112, and 211
- Latin American Studies 110, 111, and 210 (Mixtec)
- Persian 101, 102, 201, and 202
- Portuguese 101, 201, and 301
- Russian 100A, 100B, and 200A
- Spanish 101, 102, and 201 or 202 or 281 or 282
- Speech, Language, and Hearing Sciences 101, 102, 201, or 202
- Vietnamese 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. **World Music** – the third semester in any foreign language.
2. **Music Education** – the second semester in Spanish.
3. **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.
4. **Contemporary Culture (Track 1 and Track 2) and Composition** – 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 in Dance degree 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. Many 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 120-124
2. Bachelor of Arts degree in Liberal Arts and Sciences.. 120-124
3. Bachelor of Science degree in Applied Arts and Sciences 120-128
4. Bachelor of Science degree in Engineering 128-138
5. Bachelor of Science degree in Geological Sciences ... 124-132
6. Bachelor of Fine Arts degree in Dance..... 132
7. Bachelor of Music degree 132

The degree which applies to a particular student is determined by the student's choice of major. Each student should therefore consult the statement of his or her major to establish the applicable degree. The full statement of each major can be found by consulting the Index.

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 44-59

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
 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 Sessions 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
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, 369-389, 569-589 (for non-major, music major for B.A. degree, and B.M. degree in Music Education and Contemporary Culture, Tracks 1 and 2 and 3) 14
12. From Music 170-189, 369-389, 569-589 (for music major for B.M. degree in Performance, Composition, 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 chemistry with Certificate of the American Chemical Society49
 - b. For students majoring in dance49
 - c. For students majoring in English (courses in Comparative Literature, English, Rhetoric and Writing Studies).....54
 - d. For students majoring in French49
 - e. For students majoring in Japanese.....63
 - f. For students majoring in psychology50
 - g. For students majoring in Russian53
 - h. For students majoring in social work 50
 - i. For students majoring in Spanish 52
 - j. For students majoring in speech, language, and hearing sciences.....68
 - k. For students majoring in art with an emphasis in studio arts 57
2. **Bachelor of Fine Arts in Dance degree.** The maximum number of units in upper division dance courses acceptable toward the Bachelor of Fine Arts in Dance degree 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.
4. **Bachelor of Science degree in Business Administration.** The minimum number of units required outside of business administration, economics, and statistics is 60.

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 in 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, in Extension, and units earned through credit-by-examination may not be applied to these requirements.

VIII. Grade Point Average Requirements

Four averages, each 2.0 or higher, are required for graduation:

- 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.
- 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 University Policies 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.

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, student 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—whether 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 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 theoretical models to 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 actions.

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

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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: Craft well-reasoned 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, computation, 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 – Natural Sciences and Quantitative Reasoning, Social and Behavioral Sciences, and 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 investigation of local problems, 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 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 49 units. Because you must be a junior (60 units) to satisfy the upper division Section IV requirement, you should not register for upper division GE courses until 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.

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. All credit earned in the General Studies 260A-260F 18-unit package will satisfy General Education. The limitations described in 1. and 2. above do not apply to these courses, but students who complete all 18 units may not take any additional courses in General Studies to satisfy Section IV, Explorations of Human Experience. Students who complete only one 9-unit package (General Studies 260A and 260B and 260C, or General Studies 260D and 260E and 260F) may apply only one additional General Studies course to satisfy Section IV, Explorations of Human Experience.
4. Upper division courses in your major department cannot be used in Section IV, Explorations of Human Experience.
5. 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.
6. Explorations of Human Experience courses shall not be taken sooner than the semester in which you pass 60 units.
7. Credit/No Credit grades cannot be used in Section I, Communication and Critical Thinking or Section II.A.4., Mathematics/Quantitative Reasoning.
8. Courses numbered 296, 299, 496, 499, 500-level and above cannot be used in General Education.

Transfer Students—Additional Information

If you fall into one of the following four categories, you must complete only Section IV, Explorations of Human Experience, to satisfy your General Education requirements:

1. You transferred from a California community college and have **completed** the Intersegmental General Education Transfer Curriculum (IGETC), or
2. You transferred from a California community college and are certified as having **completed** the 39 unit lower division CSU General Education pattern (Sections I, II, and III), or
3. You transferred from another California State University campus and have completed all lower division General Education requirements at the CSU campus, or
4. You transferred from a University of California campus and have completed all lower division General Education requirements at the UC campus.

Your previous college must provide SDSU with proof of completion, either a GE certification or a statement of completion from a University of California campus. Remember, you may not take Explorations of Human Experience courses sooner than the semester in which you complete 60 units.

If you completed one or more areas of CSU General Education pattern at a California community college or another CSU campus, some of the SDSU General Education area requirements may be met. If you have transfer courses from a California community college, a CSU or UC campus (but have not completed any General Education area), these courses may be used in the appropriate area of the SDSU General Education pattern. Consult with an adviser at the Academic Advising Center to determine which requirements you must complete.

If you transferred from a private college in California or from a non-California college, you must meet the requirements listed below. A transfer course will be used when equivalent to the listed SDSU course.

Freshmen Registration Requirements

All students entering SDSU as freshmen are required to register for a specific sequence of lower division General Education courses in the areas of I.1. Oral Communication, I.2. Composition, I.3. Intermediate Composition and Critical Thinking, and II.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 their 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.

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 the *General 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. Complete one course from each of the following three sections.

1. **Oral Communication.** Complete one course.
 - 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.]
 - General Studies 260A. Composing Identities (3)
 - 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)
 - 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.]
 - General Studies 260D. Imagining Communities (3)
 - Linguistics 200. Advanced English for International Students (3)
 - Philosophy 110. 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 section "Special Provision for Majors in the Sciences and Related Fields.")

Graduation Requirements

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.]
- + Geography 101. Principles of Physical Geography (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)
- Physics 107. Introductory Physics with Laboratory (4)

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)

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. Physical Geography Laboratory (1)
- Geological Sciences 101. Dynamics of the Earth Laboratory (1)
- Oceanography 100. The Ocean Planet (4)
- Physics 107. Introductory Physics with Laboratory (4)

4. Mathematics/Quantitative Reasoning

You may *not* use Credit/No Credit grades in this section.

- Administration, Rehabilitation and Postsecondary Education 201. Introductory Statistics and Research Design for Education (3) [Priority given to students in the Bachelor of Vocational Education program.]
- Biology 215. Biostatistics (3)
- Computer Science 100. Fundamental Ideas in Computer Science (3)
- Economics 201. Statistical Methods (3)
- Geography 104. Geographic Information and Spatial Reasoning (3)
- Mathematics 105. College Algebra (3)
- Mathematics 118. Topics in Mathematics (3)
- Mathematics 120. Calculus for Business Analysis (3)
- Mathematics 121. Calculus for the Life Sciences I (3)
- Mathematics 122. Calculus for the Life Sciences II (3)
- Mathematics 141. Precalculus (3)
- Mathematics 150. Calculus I (4)
- Mathematics 151. Calculus II (4)
- Mathematics 210. 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 270. Statistical Methods in Psychology (3)
- 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). Students who complete General Studies 260C and 260F will clear the Social and Behavioral Sciences requirement.

- Africana Studies 101A. Introduction to Africana Studies: Social and Behavioral Sciences (3)
- Africana Studies 270. African Foundations of Africana Studies (3)
- Anthropology 102. Introduction to Cultural Anthropology (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.]
- Economics 101. Principles of Economics (3)
- Economics 102. Principles of Economics (3)
- General Studies 260C. Composing Identities (3)
- General Studies 260F. Imagining Communities (3)
- Geography 102. Principles of Cultural Geography (3)
- Geography 106. World Regional Geography (3)
- Gerontology 101. Introduction to Human Aging (3)
- Journalism and Media Studies 200. Introduction to Contemporary Media (3)
- Latin American Studies 101. Latin American Heritage (3)
- Linguistics 101. Introduction to Language (3)
- Political Science 103. Introduction to Comparative Politics (3)
- Psychology 101. Introductory Psychology (3)
- 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.]
- 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). General Studies 260B, Composing Identities and 260E, Imagining Communities, satisfy a total of six units under C. Humanities. Students taking both of these courses must also complete two additional courses from two of the following areas (excluding C.2.) to fulfill the 12 unit requirement in Humanities: 1. Literature, 3. History, 4. Philosophy and Religious Studies, or 5. Foreign Language.

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)

2. Art, Classics, Dance, Drama, Humanities, and Music

- Africana Studies 101B. Introduction to Africana Studies: Humanities (3)
- 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)
- Asian Studies 150. Understanding the Chinese World (3)
- Chicana and Chicano Studies 100. The Mexican American Heritage (3)

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

Classics 140. Heritage of Greece and Rome (3)
 Construction Engineering 101. Construction and Culture (3)
 Dance 181. Introduction to Dance (3)
 European Studies 101. Introduction to European Studies (3)
 German 150. Introduction to German Studies (3)
 Humanities 101. Introduction to Humanities (3)
 Humanities 140. Mythology (3)
 Jewish Studies 130. The Jewish Heritage (3)
 Music 151. Introduction to Music (3)
 Russian 110. Slavic Legends and Tales (3)
 Russian 120. Russia Today: Russian Culture and People (3)
 Television, Film and New Media 160. Cinema as Art (3)
 Theatre 100. Theatre and Civilization (3)
 Theatre 120. Heritage of Dramatic Literature (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)
 Philosophy 103. Historical Introduction to Philosophy (3)
 Religious Studies 100. Exploring the Bible (3)
 Religious Studies 101. World Religions (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)
 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 220. Grammar of Spoken French (3)
 French 221. Writing French (3)
 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 (3)
 Hebrew 102. Elementary Hebrew II (3)
 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 (6)
 Japanese 112. Elementary Japanese II (6)
 Japanese 211. Intermediate Japanese I (6)
 Japanese 212. Intermediate Japanese II (6)
 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 121. Elementary Zapotec II (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/Intensive Portuguese I (5)
 Portuguese 201. Elementary/Intensive Portuguese II (5)
 Russian 100A. Beginning Russian 1 (5)
 Russian 100B. Beginning Russian 2 (5)
 Russian 200A. Intermediate Russian 1 (5)
 Russian 200B. Intermediate Russian 2 (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 U.S. Hispanics (3)
 Spanish 282. Intermediate Spanish for U.S. Hispanics (3)
 Speech, Language, and Hearing Sciences 101. American Sign Language I (4)
 Speech, Language, and Hearing Sciences 102. American Sign Language II (4)
 Speech, Language, and Hearing Sciences 201. American Sign Language III (4)
 Speech, Language, and Hearing Sciences 202. American Sign Language IV (4)
 Vietnamese 101. Elementary Vietnamese I (4)
 Vietnamese 102. Elementary Vietnamese II (4)
 Vietnamese 201. Intermediate Vietnamese I (4)

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.

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, 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 if American Institutions requirement was not completed with lower division coursework.)

A. Natural Sciences. Complete one course.

- Anthropology 355. Nearly Human: Survey of Living Primates (3)
- * Anthropology 360. From the Grave: Modern Forensic Anthropology (3)
- * Anthropology 402. Dynamics of Biocultural Diversity (3)
- Astronomy 301. Cosmology and Gravitational Collapse (3)
- Astronomy 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 319. Evolution (3)
- Biology 324. Life in the Sea (3)
- Biology 326. Plants, Medicines, and Drugs (3)
- Biology 327. Conservation of Wildlife (3)
- Biology 336. Principles of Human Physiology (3)
- Biology 341. The Human Body (3)

* Cultural diversity course.

Graduation Requirements

- Chemistry 300. Mysteries and Molecules (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)
- # General Studies 340. Confronting AIDS (3)
 Geological Sciences 301. Geology of National Parks and Monuments (3)
 Geological Sciences 302. Fossils: Life Through Time (3)
 Geological Sciences 303. Natural Disasters (3)
 Geological Sciences 304. Planetary Geology (3)
 Geological Sciences 305. Water and the Environment (3)
 Mathematics 303. History of Mathematics (3)
 Natural Science 310. Science in Science Fiction (3)
 Natural Science 315. History of Science and Technology (3)
 Natural Science 317. Development of Scientific Thought (3)
 Natural Science 333. Technology and Human Values (3)
 Nursing 350. Women's Health Across the Lifespan (3)
 Oceanography 320. The Oceans (3)
 Physics 301. Energy and the Environment (3)
- * Women's Studies 382. Gender, Science, and Technology (3)
- B. Social and Behavioral Sciences.** Complete one course.
- * Africana Studies 320. Political Economy of Race and Class (3)
 * Africana Studies 321. Black Political Participation in America (3)
 * Africana Studies 322. African American Political Thought (3)
 * Africana Studies 325. Public Policy and Afro-American Community (3)
 * Africana Studies 341. Cultural Patterns and African American Identity (3)
 * Africana Studies 380. Blacks in the American Justice System (3)
 * Africana Studies 420. Afro-Americans and the Politics of Urban Education (3)
 * Africana Studies 421. Black Urban Experience (3)
 * Africana Studies 445. Ethnicity and Social Psychology (3)
 * Africana Studies 455. Africana Class, Gender, and Sexualities (3)
 * American Indian Studies 320. American Indians in Contemporary Society (3)
 * American Indian Studies 420. Indian Peoples of California (3)
 * American Indian Studies 451. American Indian Identity (3) [Same course as Anthropology 451]
 * American Indian Studies 460. American Indian Languages (3) [Same course as Linguistics 460]
 * Anthropology 348. Historical Archaeology (3)
 * Anthropology 350. Cultures Around the Globe (3)
 * Anthropology 351. Language and Globalism (3)
 * Anthropology 410. Language in Culture (3)
 * Anthropology 430. Anthropology of Law and Dispute Processing (3)
 * Anthropology 432. Principles of Personality in Culture (3)
 * Anthropology 439. Cultural Comparisons Through Film (3)
 * Anthropology 440. Mesoamerican Civilization Before the Europeans (3)
 * Anthropology 441. South American Civilization Before the Europeans (3)
 * Anthropology 442. Cultures of South America (3)
 * Anthropology 446. Native Peoples of the Southwest (3)
 * Anthropology 448. South Pacific Cultures (3)
 * Anthropology 449. Cultures of Sub-Saharan Africa (3)
 * Anthropology 450. Cultures of India (3)
 * Anthropology 451. American Indian Identity (3) [Same course as American Indian Studies 451]
 * Anthropology 457. Native Cultures of California (3)
 * Asian Studies 300. Asia's Global Future (3)
 * Asian Studies 303. Imperialism and Nationalism in the Asia Pacific (3)
 * Asian Studies 310. Contemporary Issues in Asian-American Communities (3)
 * Asian Studies 320. Asian Environmental Issues (3)
 * Asian Studies 450. Socio-Cultural and Health Issues Among Asia Pacific Americans (3)
 *† Asian Studies 460. Contemporary Issues in Filipino-American Communities (3)
 * Chicana and Chicano Studies 301. Political Economy of the Chicano People (3)
 * Chicana and Chicano Studies 303. Chicana and Chicano Community Studies (3)
 * Chicana and Chicano Studies 320. Chicana and Chicano Life Styles (3)
 * Chicana and Chicano Studies 355. The United States-Mexico International Border (3)
- Child and Family Development 437. Violence in Relationships (3)
 * Communication 371. Intercultural Communication (3)
 Counseling and School Psychology 300. Stress Management and Life Planning (3)
 * Counseling and School Psychology 420. Popular Culture and Counseling (3)
 Economics 330. Comparative Economic Systems (3)
 * Economics 464. Economic Problems of Latin America (3)
 Economics 489. Economics and Population (3)
 Education 350. Education in American Society (3)
 Educational Technology 350. Going Global: Designing Your International Learning Experience (3)
 Exercise and Nutritional Sciences 330. Exercise and Wellness Across the Lifespan (3)
 * General Studies 321. Gay and Lesbian Identities in the Modern World (3)
 General Studies 330. Plagues Through the Ages (3)
 General Studies 420. Disability and Society (3)
 * Geography 312. Culture Worlds (3)
 Geography 321. United States (3)
 * Geography 323. Middle America (3)
 * Geography 324. South America (3)
 Geography 336. Europe (3)
 Geography 354. Geography of Cities (3)
 Geography 370. Environmental and Natural Resource Conservation (3)
 * Gerontology 360. Diversity and Aging (3)
 * Gerontology 370. Images of Aging in Contemporary Society (3)
 * Health and Human Services 350. Applied International Health and Human Services (3)
 * Honors Program 413. Multicultural Aspects of Social Institutions (3)
 * International Security and Conflict Resolution 300. Global Systems (3)
 * International Security and Conflict Resolution 301. Conflict and Conflict Resolution (3)
 International Security and Conflict Resolution 310. Our Global Future: Values for Survival (3)
 International Security and Conflict Resolution 320. International Security in the Nuclear Age (3)
 Latin American Studies 350. Globalization and the Americas (3)
 * Linguistics 344. Language and Gender (3)
 Linguistics 350. Language and Politics (3)
 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]
 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 336. Women's Issues in the American Political Process (3)
 Political Science 356. Governments of Continental Europe (3)
 * Political Science 359. Government and Politics of Russia (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 370. Political Violence (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. Challenges of Leisure (3)
 Recreation and Tourism Management 305. Wilderness and the Leisure Experience (3)
 * Recreation and Tourism Management 404. Cross-Cultural Perspectives of Tourism (3)

* Cultural diversity course.

† Either Asian Studies 460 (IV.B.) or History 422 (IV.C.) may be taken for General Education credit.

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

- * 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 335. Mass Communication and Popular Culture (3)
- Sociology 338. Sociology of Religion (3)
- 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. The American Family and Its Alternatives (3)
- Sociology 430. Social Organization (3)
- Sociology 450. Social Change (3)
- * Women's Studies 310. Women in Cross-Cultural Perspective (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 (3)

C. Humanities. Complete one course.

- * Africana Studies 365A. African American Literature to 1900 (3)
- * Africana Studies 365B. African American Literature After 1900 (3)
- * Africana Studies 385. African American Music (3)
- * Africana Studies 460. Black Images in Western Literature (3)
- * Africana Studies 463. Black Literatures of the World (3)
- * Africana Studies 464. Caribbean Literature (3)
- * Africana Studies 465. Africa in Literature and Film (3)
[Same course as French 465]
- * Africana Studies 470. Comparative History: Afro-American and African Heritage (3)
- * Africana Studies 472. Comparative Slavery (3)
- * Africana Studies 481. Africana Aesthetics (3)
- * American Indian Studies 300. American Indian Oral Literature (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 Religion (3)
- * Anthropology 349. Roots of Civilizations (3)
- * Anthropology 422. Music and Culture (3)
- * Anthropology 424. The Supernatural in Cross-Cultural Perspective (3)
- Arabic 301. Advanced Arabic I (4)
- Arabic 302. Advanced Arabic II (4)
- * Arabic 330. Arabic Culture (3)
- * Arabic 350. Advanced Conversational Arabic (4)
- Art 357. World Art in Contemporary Life (3)
- * 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)
- * Asian Studies 459. Modern Asian Cultures (3)
- * Chicana and Chicano Studies 310. Mexican and Chicano Music (3)
- * Chicana and Chicano Studies 335. Chicana and Chicano Literature (3)
- * 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)
- * Chicana and Chicano Studies 400. Mexican Images in Film (3)
- * Chicana and Chicano Studies 450. Contemporary Chicana and Chicano Theatre (3)
- Chinese 301. Advanced Chinese I (3)
- Chinese 302. Advanced Chinese II (3)
- * Chinese 352. Aspects of Chinese Language (3)

- Classics 303G. Reading Greek Prose (3)
- Classics 303L. Reading Latin Prose (3)
- Classics 304G. Reading Greek Poetry (3)
- Classics 304L. Reading Latin Poetry (3)
- Classics 310. Greek and Roman Myth and Legend (3)
- Classics 320. Epic and the Novel (3)
- Classics 330. Tragedy and Comedy (3)
- Classics 340. Ancient Greece and Rome (3)
- Classics 350. Classics and Cinema (3)
- Comparative Literature 405. The Bible as Literature (3)
[Same course as English 405]
- * Comparative Literature 440. African Literature (3)
- * Comparative Literature 445. Modern Latin American Literature (3)
- * Comparative Literature 451. Modern Asian Literature (3)
[Same course as Asian Studies 451]
- * Comparative Literature 455. Classical Asian Literature (3)
- * Comparative Literature 470. Folk Literature (3)
[Maximum GE credit 3 units]
- * Dance 382. Dance in World Cultures (3)
- English 301. The Psychological Novel (3)
- @ English 302. Introducing Shakespeare (3)
- English 401. Childhood's Literature (3)
- English 405. The Bible as Literature (3)
[Same course as Comparative Literature 405]
- English 409. Science Fiction (3)
- English 410. Literature and the Passions (3)
- English 494. Modern Fiction of the United States (3)
- European Studies 301. Contemporary Europe (3)
- European Studies 424. European Cinema (3)
- French 301. Advanced Grammar and Composition (3)
- French 302. Advanced Grammar and Translation (3)
- French 305A. Survey of French Literature (3)
- French 305B. Survey of French Literature (3)
- French 421. French Civilization (3)
- French 422. Contemporary France (3)
- * French 424. French Cinema and Theory (3)
- * French 465. Africa in Literature and Film (3)
[Same course as Africana Studies 465]
- * General Studies 322. Gay and Lesbian History and Culture (3)
- General Studies 450. Life and Culture Semester Abroad (3)
- German 300. Readings in Contemporary German Culture (3)
- German 301. Grammar and Composition (3)
- ^ German 320. German Film (3)
- * Hebrew 330. Hebrew Discourse and Literature (3)
- * Hebrew 471. Kabbalah as a Symbolic System (3)
- * History 402. History of Childhood (3)
- * History 406. History of Sexuality (3)
- History 407. Early Modern Europe (3)
- History 408. Modern Europe (3)
- * History 415. Pre-Contact and Colonial Latin America (3)
- * History 416. Modern Latin America (3)
- * History 420. Asia's Dynamic Traditions (3)
- * History 421. Asia's Emerging Nations (3)
- * History 422. Asian American Experiences (3)
- * History 436. Modern Jewish History in Feature Films (3)
- History 440. The Holocaust and Western Civilization (3)
- History 441. Environmental Problems in Historical Perspective (3)
- History 442. People From Our Past (3)
- * History 473. Middle Eastern History from the Advent of Islam to 1500 (3)
- * History 474. The Middle East Since 1500 (3)
- * History 488. Modern Jewish History (3)
- Humanities 310. French Humanities (3)
- Humanities 320. German Humanities (3)
- Humanities 330. Russian Humanities (3)
- Humanities 340. Italian Humanities (3)
- Humanities 370. Humanities in America (3)
- Humanities 401. Age of Faith (3)
- Humanities 402. Renaissance (3)
- Humanities 403. Age of Enlightenment (3)
- Humanities 404. Romanticism to Postmodernism (3)
- * Humanities 460. African Civilizations (3)
- Italian 301. Advanced Oral and Written Composition (3)
- Italian 305A. Italian Literature (3)
- Italian 305B. Italian Literature (3)
- Italian 421. Italian Civilization (3)

* Cultural diversity course.

^ Taught in English.

@ English 533 may not be used in place of English 302 for General Education credit.

† Either Asian Studies 460 (IV.B.) or History 422 (IV.C.) may be taken for General Education credit.

Graduation Requirements

- Japanese 311. Third Year Japanese I (4)
- Japanese 312. Third Year Japanese II (4)
- * Latin American Studies 307. Brazilian Music and Culture (3)
[Same course as Portuguese 307]
- * Latin American Studies 370. History of Mexico: From Independence to Early Twentieth Century (3)
- Linguistics 410. History of English (3)
- * Music 345. World Music in Contemporary Life (3)
- Music 351C. History of Rock and Roll (3)
- Music 351D. Jazz in America (3)
- Philosophy 305. Classics of Western Philosophy (3)
- Philosophy 310. Philosophy and Human Nature (3)
- Philosophy 329. Social Ethics (3)
- Philosophy 330. Medical Ethics (3)
- Philosophy 332. Environmental Ethics (3)
- Philosophy 333. Philosophy of Technology (3)
- Philosophy 334. Philosophy and Literature (3)
- Philosophy 340. Morality of War and Peace (3)
- * Philosophy 351. Chinese Philosophy (3)
- * Philosophy 353. Buddhist Philosophy (3)
- Portuguese 301. Intermediate Portuguese Grammar and Composition (3)
- * Portuguese 307. Brazilian Music and Culture (3)
[Same course as Latin American Studies 307]
- Portuguese 401. Advanced Portuguese Grammar and Composition (3)
- Professional Studies and Fine Arts 320. Creativity and Communication in the Arts (3)
- Religious Studies 301. Hebrew Bible (3)
- Religious Studies 305. The New Testament (3)
- * Religious Studies 310. The Qur'an (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 338. Buddhism (3)
- * Religious Studies 339. Religions of India (3)
- * Religious Studies 345. Religions of East Asia (3)
- Religious Studies 350. Varieties of Religious Experience (3)
- Religious Studies 353. Religion and Psychology (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. Women in Religion (3)
- * Religious Studies 373. Women and the Bible (3)
- Religious Studies 376. Nature, Spirituality, Ecology (3)
- Religious Studies 379. Religious Violence and Nonviolence (3)
- Religious Studies 395. New Religions (3)
- Russian 301. Advanced Grammar and Composition (3)
- ^ Russian 305A. Russian Literature of the Nineteenth Century (3)
- ^ Russian 305B. Russian Literature of the Twentieth Century (3)
- ^ Russian 310. Russian and East European Cinema (3)
- Russian 430. Russian Civilization (3)
- *^ Russian 435. 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 Literature (3)
- Spanish 406A. Survey of Spanish American Literature (3)
- Spanish 406B. Survey of Spanish American Literature (3)
- 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 462. Documentary: History and Theory (3)
- Theatre 460A. History of the Theatre (3)
- Theatre 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. Women in Modern European History (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, they should file an application with the Office of the Registrar. Deadlines by which applications must be received in the Office of the Registrar are published each year in the fall semester *Class Schedule* and on the Apply to Graduate Web site at <http://www.sdsu.edu/applytograduate>. A nonrefundable application fee of \$55.00 is required.

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 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 catalog 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 "Election of Regulations for Graduation" 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 students who graduated fall of the previous year, candidates for graduation in spring and summer of the current year, graduate students who graduated summer or fall of the previous year, and candidates for spring of the current year. The president of the university, by the authority of the trustees and on recommendation of the faculty, awards the degrees. Brochures giving details regarding the exercises are mailed to prospective participants in March.