

San Jose State University

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General Education (GE) - CORE (Basic Skills and Basic Knowledge of an Educated Person)

Students must complete 39 units of Core GE courses.

English Language Communication and Critical Thinking

9 units

Complete one course each in Oral Communication, Written Communication IA, and Critical Thinking and Writing.

Oral Communication (A1)

Oral Communication courses should cultivate an understanding of the social, psychological, political and practical significance of communication, with special emphasis on the roles of public communication in a free society.

COMM 020	Public Speaking
COMM 020N	Public Speaking for Nonnative Speakers
COMM 040	Argumentation & Advocacy
HUM 002A^ **	Modern World Cultures - Honors
CCS 074	Public Address

Written Communication I (A2)

Written communication 1A courses should cultivate an understanding of the writing process and the goals, dynamics, and genres of written communication, with special attention to the nature of writing at the university.

ENGL 001A	First Year Writing
ENGL 01AS	First Year Composition, Stretch II
HUM 001B^ **	World Cultures & Societies- Honors

Critical Thinking and Writing (A3)

Critical thinking courses should help students learn to recognize, analyze, evaluate, and produce reasoning.	
ANTH 013	Archaeology
COMM 041	Critical Decision Making
COMM 045	Media and Culture
ENGL 002	Critical Thinking and Writing
HIST 050	Historical Process: Understanding Historical Reasoning
HUM 002B [^] **	Modern World Cultures - Honors
HUM 080	Reading the World
LING 021	Language & Thinking
LING 024	Language Variation in Space, Time, & Culture
PHIL 057	Logic & Critical Reasoning
POLS 020	Controversial Legal Issues

[^] = Eight GE areas, including third Area C, and all of American Institutions completed when the Humanities Honors sequence (HUM 1A/1B/2A/2B) is completed with grades of "C- or better."

** = Must complete sequence

Scientific Inquiry and Quantitative Reasoning

9 units

Complete at least one 3-unit course in Physical Science, Life Science, and Mathematical Concepts.

At least one lab course (L) must be included.

Physical Science (B1)	
In Science courses, students should master sufficiently essential quantitative and qualitative skills that are necessary to understand scientific knowledge and methods. Students should be able to incorporate scientific knowledge into the workplace and everyday life experiences.	
ASTR 010	Descriptive Astronomy
CHEM 001A (L)*	General Chemistry
CHEM 001B (L)*	General Chemistry
CHEM 030A (L)	Introductory Chemistry
ENGR 005	Science of High Technology
GEOG 001	Geography of Natural Environments
GEOL 001 (L)	General Geology
GEOL 003	Planet Earth
GEOL 006	Geology of California
GEOL 007 (L)	Earth, Time & Life
GEOL 009 (L)	Earth Disasters
METR 010	Weather & Climate

METR 012	Global Warming
NUFS 001A	Physical Science of Foods
PHYS 001	Elementary Physics
PHYS 002A (L)*	Fundamentals of Physics
PHYS 002B (L)*	Fundamentals of Physics
PHYS 023	Animation Physics
PHYS 050 (L)*	General Physics/Mechanics
PHYS 051 (L)*	General Physics/Electricity and Magnetism
PHYS 052 (L)*	General Physics/Waves, Light, Heat

Life Science (B2)

ANTH 012	Introduction to Human Evolution
BIOL 010	The Living World
BIOL 020 (L)	Ecological Biology
BIOL 021 (L)	Human Biology
BIOL 030 (L)*	Principles of Biology I
BIOL 031 (L)*	Principles of Biology II
BIOL 065 (L)*	Human Anatomy
BIOL 065O (L)*	Human Anatomy
BIOL 066 (L)*	Human Physiology
ENVS 010	Life on a Changing Planet
GEOL 008	Age of Dinosaurs
GLST 001B	Introduction to Global Studies
MICR 020 (L)*	General Bacteriology
NUFS 016	Science, Physiology, & Nutrition

Laboratory Science (B3)

The following courses meet the Lab requirement only.

ASTR 102 (L)	Astronomy Lab (1 unit)
BIOL 065L	Anatomy Lab for Transfer Students (1 unit)
BIOL 150/GEOL 150 (L)	Fld Stds Nat Hist (1-2 units)
GEOL 004L (L)	Planet Earth Lab
PHYS 001L (L)	Elem Phys Lab (1 unit)

*Intensive Science

Students who have completed the Intensive Science courses with a "C- or better", will be allowed to use these courses to fulfill the requirement in B1/B3 or B2/B3. Students may petition to have (1) grades below C- (very rarely approved), or (2) other Intensive Science courses not on the list approved as intensive science courses. Additionally,

the following packages of courses, all completed with "C- or better", will satisfy Areas B1, B2, and B3: Two courses from PHYS 50, PHYS 51, or PHYS 52, and CHEM 1A; or PHYS 2A and PHYS 2B and CHEM 1A; or CHEM 1A and CHEM 1B, plus a physics course. See details on the petition at: <http://www.sjsu.edu/gup/allForms/index.html#studentPetitions>.

Mathematical Concepts (B4)	
Mathematical concepts courses enable students to use numerical and graphical data in personal and professional judgments and in coping with public issues.	
HS 067	Introductory Health Statistics
JS 015	Introductory Statistics in Justice Studies
MATH 001	Mathematical Reasoning
MATH 010	Mathematics for General Education
MATH 010A	Mathematics in Arts, Music and Politics
MATH 010P	Mathematics in Politics
MATH 012	Number Systems
MATH 018A	College Algebra
MATH 019	Precalculus
MATH 030*	Calculus I
MATH 030P*	Calculus I with Precalculus
MATH 030PL*	Calculus I with Precalculus
MATH 031*	Calculus II
MATH 032*	Calculus III
MATH 070*	Finite Mathematics
MATH 071*	Calculus for Business and Aviation
PHIL 009	Math & Logic for General Education
SOCI/SOCS 015	Statistical Applications in the Social Sciences
STAT 095	Elementary Statistics
UNVS/MATH 015F-015S	Statway A-B: Statistics-Concepts & Methods

***Intensive Math**

Students who have not completed a course satisfying Area B4, but have completed MATH 030, MATH 030P, MATH 030PL, MATH 031, MATH 032, MATH 070, or MATH 071, with a grade of "C- or better" will be allowed to use one of these courses to fulfill the Area B4 requirement.

Arts & Letters (Area C)

9 units

Effective Fall 2014, Area C3 has been discontinued. Completion of 9 units in Area C is still required.

In Area C, complete no fewer than 9 semester units, with at least one course in the Arts (C1) and one in the Letters (C2).

Arts and Letters courses should give students knowledge and understanding of significant works of the human intellect and imagination. Courses should enable students to participate in social and cultural communities associated with artistic and literary endeavors, enriching their personal and professional lives.

Arts (C1)	
AMS 001A **	American Civilization
ARTH 015	Intro to Visual Culture
ARTH 070A	Art History, Prehistoric to Medieval
ARTH 070B	Art History, Renaissance to Modern
ARTH/ASIA 070C	Arts of Asia
ARTH 072	Design in Society
CA 095	Introduction to Queer Arts
DANC 010	Dance Appreciation
FORL 025	World Cultures through Literature and Cinema
HUM 001A^ **	World Cultures & Societies- Honors
KIN 068	Visual Representations of Sport in Popular Culture
MUSC 004A*	Music Systems IVA
MUSC 004B*	Music Systems IVB
MUSC 010A	Music Appreciation
MUSC 010B	Introduction to Music
MUSC/ASIA 019	Music in World Cultures
PHIL 066	Introduction to Aesthetics
RTVF 010	The Art of Film
TA 005	Acting
TA 010	Theatre Appreciation
Letters (C2)	
AMS 001B**	American Civilization
CHIN 001A	Elementary Chinese
CHIN 001B	Elementary Chinese
CHIN 025A	Intermediate Chinese
CHIN 025B	Intermediate Chinese
ENGL 001B	Argument and Analysis
ENGL 010	Great Works of Literature
ENGL 020	The Graphic Novel
ENGL 021	Mystery Fiction

ENGL 022	Fantasy & Science Fiction
ENGL 030	Literature and the Environment
ENGL 040	Contemporary World Fiction
ENGL 071	Creative Writing
ENGL 078	Introduction to Shakespeare's Drama
FORL 025	World Cultures through Literature and Cinema
FREN 001A	Elementary French
FREN 001B	Elementary French
FREN 025A	Intermediate French: Reading
FREN 025B	Intermediate French: Writing
GERM 001A	Elementary German
GERM 001B	Elementary German
GERM 025A	Intermediate German
GERM 025B	Intermediate German
HUM 001A^ **	World Cultures & Societies- Honors
HUM 002B^ **	Modern World Cultures - Honors
HUM 0010	Chronicles of Education
JPN 001A	Elementary Japanese
JPN 001B	Elementary Japanese
JPN 025A	Intermediate Japanese
JPN 025B	Intermediate Japanese
MUSC 012*	Medieval and Renaissance Music
PHIL 010	Introduction to Philosophy
PHIL 061	Moral Issues
PHIL 070A	Ancient Philosophy
PHIL 070B	Modern Philosophy
POLS 003	Introduction to Political Thought
PORT 001A	Elementary Portuguese I
PORT 001B	Elementary Portuguese II
RELS 070	Gods, Guns, Gurus, Grails -World Religion
RELS/HUM/JWSS/MDES 090	Bible Hist and Lit
SPAN 001A	Elementary Spanish
SPAN 001B	Elementary Spanish
SPAN 025A	Intermediate Spanish
SPAN 025B	Intermediate Spanish
TA 013	Great Comedies for Theatre

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** Must complete sequence

*Intensive Music

Students who have completed the Intensive Music courses, MUSC 4A, MUSC 4B and MUSC 12, with a "C or better", will be allowed to use these courses to fulfill the requirements of Area C. Students may petition to have (1) grades below C (very rarely approved), or (2) other Intensive Music courses not on the list approved as intensive music courses. See details on the petition at: <http://www.sjsu.edu/gup/allForms/index.html#studentPetitions>.

Social Sciences

9 units

Complete no fewer than 9 units in at least two different subject prefixes (for example, ANTH and POLS). For American Institutions credit, students may complete a course in D2 (US1) and/or D3 (US2, US3). Note: Some courses may require completion of a 2-semester sequence in order to receive American Institutions credit (AAS 33A, 33B; CCS 10A, 10B)

Social Science courses should increase the student's understanding of human behavior and social interaction in the context of value systems, economic structures, political institutions, social groups, and natural environments

Human Behavior (D1)

Human Behavior courses will enable students to be able to recognize the interaction of social institutions, culture, and environment with the behavior of individuals.

ANTH 011	Cultural Anthropology
CCS 030	Race & Ethnicity in Public Space
CHAD 075	Imagination, Play & Adult Creativity
ENGR/CS 025	The Digital World & Society
COMM 010	Communication & Human Relationships
COMM 021	Performing Culture & Society
ECON 001B	Principles of Economics: Microeconomics
ENVS 001	Introduction to Environmental Issues
GEOG 010	Cultural Geography
HS/GERO/RECL 015	Human Life Span
JOUR 050	Navigating the News
LING 020	Nature of Language
LING 024	Language Variation in Space, Time, & Culture
LING 025	Languages of the World
PSYC 001	General Psychology

SOCI 001	Introduction to Sociology
WOMS 005Q	Gender, Race & Sexuality in Media
WOMS 010	Perspectives on Sex & Gender Roles
Comparative Systems (D2)	
Courses in this area will enable students to compare and contrast two or more ethnic groups, cultures, regions, nations, or social systems.	
AAS/AFAM/CCS 025	The Changing Majority: Power & Ethnicity in America
AAS 033A**	Asian Americans in the United States Historical & Political Process
AFAM 002A**	African-Americans and the Development of America's History and Government
AMS 001A**	American Civilization
CCS 010A**	Mexican Americans & the Development of U.S. History and Government
GEOG 012	Global Geography
HIST 010A	Western Civilization
HIST 010B	Western Civilization
HIST 015	Essentials of U.S. History
HUM 002A**	Modern World Cultures - Honors
POLS 002	Introduction to Comparative Politics
WOMS/AAS 020	Women of Color in the US
Social Issues (D3)	
Social Issues courses will enable students to apply multidisciplinary material to a topic relevant to policy and social action at the local, national, and/or international levels.	
AAS 033B**	Asian Americans in the United States Historical & Political Process
AFAM 002B**	African-Americans and the Development of America's History and Government
AMS 001B**	American Civilization
CCS 010B**	Mexican Americans & the Development of U.S. History and Government
HUM 001B**	World Cultures & Societies- Honors
JS 025	Introduction to Human Rights and Justice
MCOM 072	Mass Communication & Society
POLS 004	Introduction to International Relations
POLS 015	Essentials of U.S. & California Government
SOCI 080	Social Problems

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** = Must complete sequence

Human Understanding & Development

3 units

Complete one course.

Human Understanding and Development courses will enable students to understand themselves as integrated physiological, social, and psychological entities who are able to formulate strategies for lifelong personal development. Students will also learn skills to employ available university resources to support academic and personal development.

Human Understanding & Development (E)	
ANTH 025	Human Lifecourse in Context
BIOL 054	Human Understanding
BUS3 012	Money Matters
CA 060	Creativity Matters
CHAD 060	Child Development
CHAD 070	Lifespan Development in the 21st Century
COMM 074/074Q	Fundamentals of Intercultural Communication
EDCO 004/004FY	Personal, Academic & Career Exploration
ENGR 010*	Introduction to Engineering
GEOL/SCED 005	Human Development & the Natural World
HS 001	Understanding Your Health
KIN 069	Stress Management: A Multidisciplinary Perspective
LING 022	Language Across the Lifespan
NUFS 009	Introduction to Human Nutrition
PHIL 012	Philosophy of the Person
PSYC 002Q	Identity Development & Prejudice
RECL 010	Creating a Meaningful Life
RELS/HUM/GERO 099	Death, Dying & Religions
SCI 002	Success in Science
SOCI/UNVS 057	Community Involvement & Personal Growth
TA 048	Voice & Movement for the Actor

*For specific department/program majors only