

ASSOCIATE IN SCIENCE GENERAL EDUCATION (AS GE) PATTERN

Courses listed in more than one area will NOT be applied to more than one AS GE area/subarea: 1-6.

Use of credit from previous academic years and from other California Community Colleges can be verified on ASSIST www.assist.org. For a course to meet an AS GE AREA, A course must be APPROVED FOR IGETC or Cal-GETC during the academic year it was completed WITH THE EXCEPTION OF AREA 1C, UNLESS IT IS COMM C1000 - Introduction to Public Speaking (FORMERLY COMS 020).

Please consult with an Academic Counselor on how to use this General Education Advising Document and for more information.

AREA 1: English Communication

Minimum 6 units – one course from 1A, one course from 1B or 1C, all with grades of "C" or better.

Course	Title	Credits
1A: English Communication		
ENGL C1000	Academic Reading and Writing	3
<i>AND</i>		
1B: Critical Thinking and Composition		
ENGL C1000	Academic Reading and Writing	3
<i>OR</i>		
1C: Oral Communication		
COMM C1000	Introduction to Public Speaking	3

AREA 2: Mathematical Concepts and Quantitative reasoning

Minimum 3 units – one course with a grade of "C" or better.

Course	Title	Credits
BUS 060	Fundamentals of Business Statistics	3
MATH 020	College Algebra	3
MATH 021	Precalculus Algebra	4
MATH 025	Precalculus Algebra and Trigonometry	6
MATH 061	Finite Mathematics	3
MATH 062	Calculus for Business and the Social Sciences	3
MATH 070	Discrete Mathematics	4
MATH 071	Calculus I With Analytic Geometry	5
MATH 072	Calculus II with Analytic Geometry	5
MATH 073	Multivariable Calculus	5
MATH 078	Differential Equations	4
MATH 079	Linear Algebra	3
MATH 080	Discrete Structures for Computer Science	4
STAT C1000	Introduction to Statistics	3

AREA 3: Arts and Humanities

Minimum 6 units – two courses: one course from 3A and one course from 3B.

Course	Title	Credits
3A: Arts		
ART 090	Art Appreciation	3
ART 091	Survey of Art History: Prehistoric Through Gothic	3
ART 092	Survey of Art History: Renaissance to the Present	3
ART 093	Art of the Americas	3
ART 096	Survey of Asian Art	3
DANCE 002	Dance Appreciation	3
ETH 011	Ethnic Images in Film	3
ETH 022	African American Cinema	3
ETH 032	Introduction to Chicana/Latinx Music in The U.S.	3
	or MUSIC 032 Introduction to Chicana/Latinx Music in The U.S.	
HUMNT 001	Introduction to Visual and Performing Arts	3
MUSIC 083	Exploring the World of Music	3
	or MUSIC 083H Honors Exploring the World of Music	
MUSIC 091	Music Appreciation: Western Civilization	3
MUSIC 095	Music Appreciation: Jazz	3
THEAT 020	Introduction to Theatre	3
THEAT 040	Introduction to Film	3
THEAT 055	Chicana/Latinx Theatre	3
3B: Humanities		
ENGL 001B	English Composition	3
ENGL 010	Great Works of Literature	3
ENGL 033	Women in Literature	3
ENGL 065	The Short Story	3
ENGL 073	Introduction to Shakespeare	3
ENGL 079	Memoir Writing	3
ENGL 080	Mexican-American Literature	3
ENGL 081	Introduction to African American Literature	3
ENGL 084A	Survey of American Literature I	3
ENGL 084B	Survey of American Literature II	3
ENGL 086A	Survey of British Literature I	3
ENGL 086B	Survey of British Literature II	3
ETH 019	The African American Family	3
ETH 020	African American Culture	3
ETH 026	Vietnamese Women in the U.S.	3
ETH 027	Introduction to Race & Ethnicity in American History	3
	or ETH 027H Honors Introduction to Race & Ethnicity In American History	
ETH 028	Introduction to Critical Race & Social Justice	3
ETH 029	Women of Color in the United States	3
ETH 030	Chicana/o Culture	3
ETH 033	Chicana Feminism	3
ETH 037A	Mexican American History I	3
	or ETH 037AH Honors Mexican American History I	
ETH 037B	Mexican American History II	3
ETH 041	Vietnamese American Culture	3
ETH 042	Asian American Experience	3

FREN 001B	Elementary French	5	ETH 020	African American Culture	3
FREN 002A	Intermediate French	5	ETH 022	African American Cinema	3
FREN 002B	Intermediate French	5	ETH 026	Vietnamese Women in the U.S.	3
HIST 005	History of Asian Americans	3	ETH 027	Introduction to Race & Ethnicity in American History	3
HIST 010A	Development of Western Culture	3	or ETH 027H	Honors Introduction to Race & Ethnicity In American History	
HIST 010B	Development of Western Culture	3	ETH 028	Introduction to Critical Race & Social Justice	3
HIST 011A	World History to 1500	3	ETH 029	Women of Color in the United States	3
HIST 011B	World History from 1500	3	ETH 030	Chicana/o Culture	3
HUMNT 002	Introduction to World Literature	3	ETH 031	Social Justice Issues in Chicana Communities	3
HUMNT 003	Introduction to Women's, Gender, and Sexuality Studies	3	ETH 033	Chicana Feminism	3
JAPAN 002A	Intermediate Japanese 1	5	ETH 035	Introduction to Chicana Studies	3
JAPAN 002B	Intermediate Japanese 2	5	ETH 037A	Mexican American History I	3
PHIL 010	Introduction to Philosophy	3	or ETH 037AH	Honors Mexican American History I	
PHIL 012	Introduction to Existentialism	3	ETH 037B	Mexican American History II	3
PHIL 065	Introduction to Ethics	3	ETH 041	Vietnamese American Culture	3
PHIL 070	Comparative Religions	3	ETH 042	Asian American Experience	3
SL 001B	American Sign Language 2	3	FCS 070	Child Development	3
SL 002A	American Sign Language 3	3	GEOG 011	Introduction to Cultural Geography	3
SL 002B	American Sign Language 4	3	GEOG 012	World Regions in Global Context	3
SL 010B	Introduction to American Sign Language (ASL) 2	5	GLOBL 001	Introduction to Global Studies	3
SPAN 002A	Intermediate Spanish 1	5	GLOBL 002	Global Issues	3
SPAN 002B	Intermediate Spanish 2	5	GLOBL 003	Introduction to Sustainability	3
SPAN 022A	Spanish for Heritage Speakers 1	5	GLOBL 007	Global Citizenship/Civics	3
SPAN 022B	Spanish for Heritage Speakers 2	5	GLOBL 012	World Regions in Global Context	3
SPAN 031	Introduction to Spanish Linguistics	3	GUIDE 001	Cross-Cultural Perspectives in Identity Development	3
SPAN 032	Introduction to Spanish and Latin American Literature	3	HED 010	Introduction to Public Health	3
THEAT 015	Theatre History 1	3	HIST 001	Survey of American History	3

AREA 4: Social and behavioral Sciences

Minimum 6 units - two courses from two different academic disciplines or in an interdisciplinary sequence.

Course	Title	Credits
AJ 010	Introduction to Administration of Justice	3
AJ 016	Street Law	3
AJ 019	Law Enforcement in Multicultural Communities	3
AJ 116	Introduction to Corrections	3
ANTH 063	Introduction to Social and Cultural Anthropology	3
COMS 010	Interpersonal Communication	3
COMS 018	Introduction to Communication Studies	3
COMS 035	Intercultural Communication	3
ECE 107	Child, Family and Community	3
ECON 010A	Principles of Macroeconomic Theory	3
ECON 010B	Introduction to Microeconomic Theory	3
ENGL 080	Mexican-American Literature	3
ENGL 081	Introduction to African American Literature	3
ETH 018	The African American Male Experience	3
ETH 019	The African American Family	3
HIST 005	History of Asian Americans	3
HIST 009	Women in American History	3
HIST 010A	Development of Western Culture	3
HIST 010B	Development of Western Culture	3
HIST 011A	World History to 1500	3
HIST 011B	World History from 1500	3
HIST 017A	History of the United States	3
or HIST 017AH	Honors History of the United States	
HIST 017B	History of the United States	3
or HIST 017BH	Honors History of the United States	
HIST 021	African American History	3
HIST 024	History and Culture of the American Indian	3
HUMNT 003	Introduction to Women's, Gender, and Sexuality Studies	3
JOURN 021	Mass Media and Society	3
KIN 010	Sports in Society	3
POLS C1000	American Government and Politics	3
or POLS C1000	American Government and Politics - Honors	
POLSC 002	Comparative Politics	3
POLSC 004	International Relations	3

POLSC 005	International Law and Human Rights	3
PSYC C1000	Introduction to Psychology	3
or PSYC C1000	Introduction to Psychology - Honors	
PSYCH 012	Social Psychology	3
PSYCH 022	Research Methods in Psychology	3
PSYCH 031	Biological Psychology	3
PSYCH 035	Psychology of Women	3
PSYCH 041	The Psychology of Developmental Disabilities	3
PSYCH 060	Personal Growth and Adjustment	3
PSYCH 092	Developmental Psychology	3
PSYCH 099	Abnormal Psychology	3
PSYCH 100	Human Sexuality	3
SL 015	Deaf Culture	3
SOC 010	Introduction to Sociology	3
or SOC 010H	Honors Introduction to Sociology	
SOC 011	Social Problems	3
SOC 017	Sociology of Marriage and Family	3

AREA 5: Physical and Biological Sciences

Minimum 3 units – one course from either Physical Science or Biological Science. Courses with an optional lab component are listed for reference.

Course	Title	Credits
5A: Physical Science		
ASTRO 010	Introduction to Astronomy ¹	3
CHEM 001A	General Chemistry	5
or CHEM 001AH	Honors General Chemistry	
CHEM 001B	General Chemistry	5
CHEM 010	Everyday Chemistry	4
CHEM 012A	Organic Chemistry	5
CHEM 012B	Organic Chemistry	5
CHEM 015	Fundamentals of Chemistry	4
or CHEM 015H	Honors Fundamentals of Chemistry	
CHEM 032A	Intro to General, Organic, & Biological Chemistry	4
CHEM 032B	Intro to General, Organic, & Biological Chemistry	4
CHEM 061	Introduction to Fermentation Chemistry	3
CHEM 065	Quantitative Analysis	4
ENVIR 010	Environmental Science	4
GEOG 010	Introduction to Physical Geography	3
GEOL 010	Physical Geology ¹	3
GEOL 015	Earth Science ¹	3
METEO 010	Weather and Climate	3
OCEAN 010	Descriptive Oceanography	3
PHYS 002A	Algebra/Trigonometry-Based Physics I	4
PHYS 002B	Algebra/Trigonometry-Based Physics II	4
PHYS 004A	General Physics	5
PHYS 004B	General Physics	5
PHYS 004C	General Physics	5
5B: Biological Science		
ANTH 062	Introduction to Physical Anthropology	3

BIOL 004A	General Principles and Cell Biology	5
BIOL 004B	Biodiversity and Organismal Biology	5
BIOL 020	Human Biology	4
or BIOL 020H	Honors Human Biology	
BIOL 021	General Biology	4
BIOL 061	Human Heredity	3
BIOL 062	Plants and Human Welfare	3
BIOL 063	Ecology	3
BIOL 064	Marine Biology	4
BIOL 071	Human Anatomy	5
BIOL 072	Human Physiology	5
BIOL 074	General Microbiology	5
ENVIR 010	Environmental Science	4
OCEAN 010	Descriptive Oceanography	3
PSYCH 031	Biological Psychology	3

OPTIONAL - Science Lab

ASTRO 010L	Introductory Astronomy Lab ¹	1
BIOL 004A	General Principles and Cell Biology	5
BIOL 004B	Biodiversity and Organismal Biology	5
BIOL 020	Human Biology	4
or BIOL 020H	Honors Human Biology	
BIOL 021	General Biology	4
BIOL 064	Marine Biology	4
BIOL 071	Human Anatomy	5
BIOL 072	Human Physiology	5
BIOL 074	General Microbiology	5
CHEM 001A	General Chemistry	5
or CHEM 001AH	Honors General Chemistry	
CHEM 001B	General Chemistry	5
CHEM 010	Everyday Chemistry	4
CHEM 012A	Organic Chemistry	5
CHEM 012B	Organic Chemistry	5
CHEM 015	Fundamentals of Chemistry	4
or CHEM 015H	Honors Fundamentals of Chemistry	
CHEM 032A	Intro to General, Organic, & Biological Chemistry	4
CHEM 032B	Intro to General, Organic, & Biological Chemistry	4
ENVIR 010	Environmental Science	4
GEOL 010L	Physical Geology Laboratory ¹	1
GEOL 015L	Earth Science Laboratory ¹	1
PHYS 002A	Algebra/Trigonometry-Based Physics I	4
PHYS 002B	Algebra/Trigonometry-Based Physics II	4
PHYS 004A	General Physics	5
PHYS 004B	General Physics	5
PHYS 004C	General Physics	5

¹ Course fulfills laboratory requirement as long as companion course is also completed: ASTRO 010+ASTRO 010L, GEOL 010+GEOL 010L, GEOL 015+GEOL 015L

AREA 6: Ethnic Studies

Minimum 3 units - one course.

Course	Title	Credits
ETH 018	The African American Male Experience	3
ETH 027	Introduction to Race & Ethnicity in American History	3
or ETH 027H	Honors Introduction to Race & Ethnicity In American History	
ETH 031	Social Justice Issues in Chicana Communities	3
ETH 033	Chicana Feminism	3
ETH 035	Introduction to Chicana Studies	3
ETH 042	Asian American Experience	3

U.S. History, Constitution, and American Ideals Requirement (US-1, US-2, and US-3)

Complete one of the following options. These courses may also satisfy units in Area 3 or 4. **Honors version of a course is also acceptable.*

Course	Title	Credits
OPTION 1 - Two courses:		
ETH 037A	Mexican American History I	3
or ETH 037AH	Honors Mexican American History I	
AND		
ETH 037B	Mexican American History II	3
OPTION 2 - Two courses:		
HIST 017A	History of the United States	3
or HIST 017AH	Honors History of the United States	
AND		
HIST 017B	History of the United States	3
or HIST 017BH	Honors History of the United States	
OPTION 3 - Two courses:		
ETH 037A	Mexican American History I	3
or ETH 037AH	Honors Mexican American History I	
AND		
HIST 017B	History of the United States	3
or HIST 017BH	Honors History of the United States	
OPTION 4 - Two courses:		
HIST 017A	History of the United States	3
or HIST 017AH	Honors History of the United States	
AND		
ETH 037B	Mexican American History II	3
OPTION 5 - Two courses:		
POLS C1000	American Government and Politics	3
or POLS C1000	American Government and Politics - Honors	
AND		
HIST 001	Survey of American History	3
or HIST 001H	Honors Survey of American History	
or HIST 005	History of Asian Americans	
or HIST 009	Women in American History	
or HIST 021	African American History	

or HIST 024	History and Culture of the American Indian
or ETH 037A	Mexican American History I
or ETH 037AH	Honors Mexican American History I
or ETH 037B	Mexican American History II
or HIST 017A	History of the United States
or HIST 017AH	Honors History of the United States
or HIST 017B	History of the United States
or HIST 017BH	Honors History of the United States

AS GE Requirements

Course	Title	Credits
Minimum AS GE Units		27

additional Requirements for aS degrees

Course	Title	Credits
Major Coursework		

Courses must be completed with grades of "C" or better; A "P" (Pass) grade is an acceptable grade for courses in the major if the course is taken on a "Pass/No Pass" basis. Review catalog and consult with a counselor.

Grade Point Average

Minimum 2.0 GPA.

In Residence

Complete a minimum of 12 semester units In Residence within the College District with at least, two (2) courses (minimum of 6 semester units total) at SJCC.

U.S. History, Constitution, and American Ideals

Complete one of the five options listed above.

Course	Title	Credits
Minimum Total Applicable Units Required for AS Degree		60