

**General Education Articulation**  
**San Francisco State University / Zhejiang University of Science and Technology**  
**2015**

GE Requirements At San Francisco State University			Courses At Zhejiang University of Science and Technology		
GE AREA	Title	Units	Course	Title	Units
	<b>General Education Area A – English and Critical Thinking</b> (need 12 units – take one course from each category below)			<b>General Education Area A – English and Critical Thinking</b> (need 12 units– take one course from each category below)	
<b>A1</b>	Oral Communication	3		TO BE TAKEN AT SF STATE	
<b>A2</b>	Written English Communication I	3		TO BE TAKEN AT SF STATE	
<b>A3</b>	Critical Thinking	3		TO BE TAKEN AT SF STATE (Engineering majors meet with courses in major)	
<b>A4</b>	Written English Communication II	3		TO BE TAKEN AT SF STATE	
	<i>Total Units Area A</i>	<i>12</i>			<i>0</i>
	<b>General Education Area B -- Science and Math</b> (need at least 9 units – take one course from each category below) Either the course in Physical science or the course in Life Science must include a Laboratory segment			<b>General Education Area B -- Science and Math</b> (need at least 9 units – take one course from each category below) Either the course in Physical science or the course in Life Science must include a Laboratory segment	
<b>B1</b>	Physical Science (courses in ASTR, CHEM, GEOL, GEOG, OCN, PHYS, and other physical science disciplines)	3	1011294E AND 1045104E	College Physics Level C AND Experiment of College Physics Level B	4 2
<b>B2</b>	Life Science (courses in ANAT, ANTH, BIOL, OCN, ZOOL, and other life science disciplines)	3		TO BE TAKEN AT SF STATE	
<b>B3</b>	Laboratory Activity (Either the course in physical science or the course in life science must include a laboratory segment)	0-1		Fulfilled by Physics courses above	
<b>B4</b>	Math	3	1011102E	Calculus I	6

	<i>Total Units Area B</i>	9-10			12
	<b>General Education Area C – Arts and Humanities</b> (need 9 units – take one course from each of the two categories below plus one other course from either category)			<b>General Education Area C – Arts and Humanities</b> (need at least 9 units – take one course from each of the two categories below plus one other course from either category)	
<b>C1</b>	Arts (At least one course in Art, Art Appreciation, Music, Music Appreciation, Dance, Theater, or similar courses)	3-6		TO BE TAKEN AT SF STATE	
<b>C2</b>	Humanities (At least one course in Literature, non-native Foreign Language, Philosophy, World Civilization, or other Humanities courses)	3-6	0513402E	History of Chinese and Foreign Urban Development  One further Humanities course TO BE TAKEN AT SF STATE	3
	<i>Total Units Area C</i>	9			3
	<b>General Education Area D – Social Sciences</b> (need 9 units – take one course from each category below)			<b>General Education Area D – Social Sciences</b> (need 9 units – take one course from each category below)	
<b>D1</b>	General Social Sciences (courses in ANTH, ECON, GEOG, HIST, Political Science, and other social science disciplines)	3	ECON2001	Principles of Microeconomics	3
<b>D2</b>	U.S. History (courses covering approximately 100 years from any period of U.S. history)	3		TO BE TAKEN AT SF STATE	
<b>D3</b>	U.S. Government (courses covering the U.S. Constitution and political system)	3		TO BE TAKEN AT SF STATE	
	<i>Total Units Area D</i>	9			3
	<b>Area E—Lifelong Learning and Self Development</b> (3 units)				
<b>E</b>	TO BE TAKEN AT SF STATE			TO BE TAKEN AT SF STATE  (Can be fulfilled within the required 9 units of upper division GE all students must take at SF State)	
	<i>Total Units Area E</i>	3			0

**To be taken at San Francisco State:**

*Lower Division:*

Eng 209	3 units
Eng 210	3 units
Eng 215	3 units

Biology 100	3 units
Arts Course	3 units
Another Arts or Humanities Course	3 units
U.S. History	3 units
U.S. Politics	3 units
<i>Total Lower Division</i>	<i>24 units</i>

*Upper division General Education* *9 units*

San Francisco State University (SF State) requires all graduates to complete three upper-division General Education courses on campus, one in Area B (Science), one in Area C (Humanities and Arts), and one in Area D (Social Sciences). It is sometimes possible to double-count a course used for this purpose with the major. In addition, students are required to fulfill a course that satisfies Area E/Lifelong Learning and Self-Development (LLD) and four SF State Studies requirements related to campus-wide priorities (American Ethnic and Racial Minorities, Environmental Sustainability, Global Perspectives, and Social Justice). Courses certified as meeting the LLD or SF State Studies requirements may be in General Education, in the major or minor, and will not in most cases need to be fulfilled by taking additional courses.

*Graduation Written English Proficiency Requirement* *3 units*

In order to graduate, all students must demonstrate proficiency in written English. The upper division course to fulfill that requirement will depend upon the major.

*General Principles*

This articulation program is designed to admit highly motivated students whose academic record is above average. Only courses completed with a grade equivalent to or higher than C- will be accepted for transfer, except for 4 courses in A1 (Oral Communication), A2 (First Year Composition), A3 (Critical Thinking), and B4 (Math) in which the grade equivalent must be a C or better. Students are advised to transfer to SF State prior to accumulating 70 semester units or at the end of two years of full-time study or the equivalent.

All college-level courses from two-year institutions will be transferred as lower-division units, with a maximum of 70 semester units.

At the discretion of the SF State academic departments, the course content of lower-division transfer courses may be used to substitute for upper-division course work at SF State, making it unnecessary to complete duplicate work. These courses will not count toward the minimum number of upper-division units required for the major and the degree.

Courses from four-year institutions may be accepted as upper-division units as specified in specific articulation agreements or as appropriate. These courses will count toward the minimum number of upper-division units required for the major and the degree.

All college-level courses will be transferred as ungraded units.

All college-level courses taken at partner institutions that are not needed for General Education or major requirements will be counted as general electives.

English composition and oral communication courses taken at universities in non-English speaking countries (equivalent to English 209, 210, and 215 at SF State) are not usually accepted

as meeting the San Francisco State General Education and Written English Proficiency requirements. If a university in a non-English speaking country offers its entire curriculum in English, some exceptions may be made. Final determination as to acceptance of English Composition and Oral Communication courses for transfer credit will be made by the Dean of Undergraduate Studies, consulting with the SF State English Department as needed.

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Jennifer Summit, Dean of Undergraduate Studies

Date