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## General Education

### Lower-Division

**Notes: A minimum of 51 G.E. units are required.** All classes are three or more semester units. Some programs, such as Engineering, Liberal Studies and Nursing, require a different G.E. pattern – consult major advisors for details.

See program-specific course descriptions for G.E. courses that are exclusive for these programs.

#### Foundation

Select one course from each of the following four categories: One in A1, one in A2, one in A3, and one in B4 for a minimum of 12 units. FOUNDATION courses must be satisfied with a minimum “C” grade.

#### AREA A & B4 - Fundamental Skills and Knowledge

- A1 - Foundation - Oral Communication: Communication 3, Communication 6H, Communication 7, Communication 8
- A2 - Foundation - Written Communication: English 5B, English 10, English 10H
- A3 - Foundation - Critical Thinking: Africana Studies Program 20, Anthropology 30, Chicano and Latin American Studies 30, Communication 5, Computer Science 1, College of Science and Mathematics 10, Geography 25, Geomatics Engineering 5, Interdisciplinary Capstone 50, Natural Science 4, Natural Science 4H, Philosophy 25, Philosophy 35H, Philosophy 45, Sociology 3, Sociology 3S, Women's Studies 12
- B4 - Foundation - Quantitative Reasoning: Criminology 50, Decision Sciences 71, Mathematics 10A, Mathematics 11, Mathematics 45, Mathematics 45H, Mathematics 70, Mathematics 75, Mathematics 75A

#### Breadth

The Breadth component of the General Education Program exposes students to a variety of disciplines within the structured framework of Areas B, C, D, and E.

A maximum of two courses from one department or program may be applied to satisfy Breadth requirements.

#### Area B - Physical Universe and Its Life Forms.

*Two courses: One in B1 and one in B2 – see above for B4*

- B1 - Breadth - Physical Sciences: Chemistry 1A, Chemistry 1AL, Chemistry 3A, Chemistry 10, Chemistry 10H, Earth & Environmental Sciences 1, Earth & Environmental Sciences 1V, Earth & Environmental Sciences 4, Earth & Environmental Sciences 8H, Physics 2A, Physics 4A, Physics 4AL, Physics 10, Physical Science 21  
B1LS - Breadth - Physical Sciences Liberal Studies Only: Natural Science 1A
- B2 - Breadth - Life Sciences: Biology 1A, Biology 10, Biology 10H, Biology 11, Biology 12

#### Area C- Arts and Humanities

*Three courses: One in C1, one in C2, and a third from C1 or C2*

- C1 - Breadth - Arts: Armenian Studies 20, Armenian Studies 20H, Art 1, Art 20, Art 40, Art 50, Art History 10, Art History 11, Chicano and Latin American Studies 9, Drama-Theatre Arts 22, Drama-Theatre Arts 62, Drama-Theatre Arts 75H, English 41, English 42H, English 43, English 44, Music 9, Music 9, Music 60H, Music 74, Music 75
- C2 - Breadth - Humanities: Arabic 1A, Arabic 1B, Armenian 1A, Armenian 1B, Armenian 2A, Communicative Disorders and Deaf Studies 90, Communicative Disorders and Deaf Studies 92, Chinese 1A, Chinese 1B, English 20, English 30, French 1B, French 2A, French 2B, German 1B, German 2A, German 2B, Greek 1A, Greek 1B, Hmong 1A, Hmong 1B, Humanities 10, Humanities 10H, Humanities 11, Humanities 15, Humanities 20, Italian 1A, Italian 1B, Italian 2A, Italian 2B, Japanese 1A, Japanese 1B, Latin 1A, Latin 1AH, Latin 1B, Linguistics 10, Persian 1A, Persian 1B, Philosophy 1, Philosophy 2, Philosophy 10, Philosophy 20, Portuguese 1A, Portuguese 1B, Spanish 1B, Spanish 2A, Spanish 2B, Spanish 3, Spanish 4A, Spanish 4B

#### Area D- Social, Political, & Economic Institutions & Behavior, Historical Background.

*One course in each sub-area*

- D1 - American History: History 11, History 12, History 15H
- D2 - American Government: Political Science 2, Political Science 2H
- D3 - Social Science: Africana Studies Program 10, Africana Studies Program 15, Africana Studies Program 27, Agricultural Business 1, American Indian Studies 50, Anthropology 2, Anthropology 3, Armenian Studies 10, Asian American Studies 15, Communicative Disorders and Deaf Studies 98, Child and Family Sciences 31, Chicano and Latin American Studies 3, Chicano and Latin American Studies 5, Criminology 10, Economics 25, Economics 40, Economics 50, Geography 2, Geography 4, History 20, History 21, Industrial Technology 20, Mass Communication and Journalism 1, Middle East Studies 10, Political Science 1, Political Science 71, Political Science 71H, Psychology 10, Psychology 62H, Sociology 1, Sociology 1S, Women's Studies 10