

# 2022-2023 PRE-HEALTH GENERAL EDUCATION (G.E.) REQUIREMENTS

**NOTES: A minimum of 49 G.E. units are required.** All classes are three or more semester units. Engineering and Liberal Studies majors complete a different G.E. Pattern—consult department advisor. GE courses may change annually. It is recommended to run your Degree Progress Report (DPR) before and after you register to ensure courses you are registered for satisfy the intended GE Area(s).

## ◆ FOUNDATION

Four courses: One in A1, one in A2, one in A3, & one in B4 for a minimum of 12 units.

**FOUNDATION** courses must be satisfied with a minimum of "C" grade.

### Area A - Fundamental Skills and Knowledge

A1 Oral Communications: Communication 3, 7, 8

A2 Written Communication: (Prerequisite for English 5B is passing SA) English 5B, 10

A3 Critical Thinking: African Studies 20; Anthropology 30; Asian American Studies 88; Chicano & Latin American Studies 30; Communication 5; Computer Science 1; Geography 25; Interdisciplinary 50; Natural Science 4; Philosophy 25, 45; **Sociology 3/ 3S (Nursing\*)**; Women's, Gender, and Sexuality Studies 12

B4 Quantitative Reasoning: (Co-requisite or prerequisite Math courses may be required) Criminology 50; Decision Science 71, 72; **Mathematics 6, 11 or 11L (Exercise Science\*, Nursing\*, SLP\*)**, 45, 45L, 70, 75, 75A; Psychology 42; **Public Health 92 (Community Health; Nursing\*; SLP)**

Course/  
Units/Grade

A1 \_\_\_\_\_

A2 \_\_\_\_\_

A3 \_\_\_\_\_

B4 \_\_\_\_\_

## ◆ BREADTH

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

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

B1 Physical Sciences: (Prerequisite: Completion of B4) **Chemistry 1A & 1AL (Exercise Science\*)**, 3A (Community Health; Nursing, SLP\*), 10; Earth & Environmental Sciences 1, 1V, 4, 5; Geography 5\*, 7\*; Physical Science 21; Physics 2A, 4A & 4AL, 10

B2 Life Sciences: **Biology 1A (Exercise Science)**, 10 (Community Health), 11, 12, 20 or 20N (Nursing ONLY)

B3 Laboratory Component: B1 or B2 must have a lab (\*Courses do not have a lab component.)

B1 \_\_\_\_\_

B2 \_\_\_\_\_

B3 \_\_\_\_\_

### Area C - Arts and Humanities

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

C1 Arts: Art 1, 20, 40, 50; Art History 10, 11, 12; Chicano & Latin American Studies 9; Drama 22, 62; English 41, 43, 44; Media Communications & Journalism 9; Music 9 (not for music majors), 9A, 74, 75; Armenian Studies 20

C2 Humanities: Arabic 1A, 1B; Armenian 1A, 1B, 2A; Chinese 1A, 1B; Communicative Sciences & Deaf Studies 90, 92; English 20, 30; French 1B, 2A, 2B; German 1B, 2A, 2B; Greek 1A, 1B; Hebrew 1A; Hmong 1A, 1B; Humanities 10, 11, 15, 20; Italian 1A, 1B, 2A, 2B; Japanese 1A, 1B; Latin 1A, 1B; Linguistics 10; Persian 1A, 1B; **Philosophy 1, 2, 10, 20 (Nursing\*; Social Work\*)**; Portuguese 1A, 1B; Spanish 1B, 2A, 2B, 3, 4A, 4B

C1 \_\_\_\_\_

C2 \_\_\_\_\_

C1 or

C2 \_\_\_\_\_

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

One course in each sub-area (Prerequisite: GE Foundation A2 for students in English college-readiness Category III and IV)

D1 American History: History 11, 12

D2 Social Science: Africana Studies 10; Agricultural Business 1; American Indian Studies 50; Anthropology 2,3; Armenian Studies 10; Asian American Studies 7; Child & Family Science 31; City & Regional Planning 80; Communicative Sciences & Deaf Studies 98; Criminology 10; Economics 25, 40, 50; Geography 2, 4; History 20, 21; Industrial Technology 20; Jewish Studies 10; Media, Communications & Journalism 1; Middle East Studies 10; Political Science 1; **Psychology 10 (Exercise Science\*, Nursing)**; Sociology 1 or 1S; Women's, Gender, & Sexuality Studies 10, 11

D1 \_\_\_\_\_

D2 \_\_\_\_\_

### Area E - Lifelong Understanding & Self-Development One Course

Animal Science 67; Art 13; Asian American Studies 8; **Child & Family Science 38 (Nursing)**, 39; Dance 16, 70; Drama 32; Finance 30; Gerontology 10S, 18, 111; **Kinesiology 32 & Concurrent Enrollment in any KAC course (Exercise Science)**; Linguistics 30; **Nutrition 53 (Nursing)**; Peace and Conflict Studies 110; Psychology 61; **Public Health 90 (Community Health, Social Work)**, 91, 110; Recreation Administration 80; University 1; Women's, Gender, & Sexuality Studies 18

E \_\_\_\_\_

### Area F - Ethnic Studies One Course

Africana Studies 15, 27, 40, 68; American Indian Studies 5, 10, 103; Anthropology 120, 175; Asian American Studies 10, 15, 20, 50, 108, 120, 143, 175, 185; Chicano & Latin American Studies 3, 5, 120, 128, 163; Media, Communications & Journalism 6; Philosophy 108

F \_\_\_\_\_

## UPPER DIVISION G.E. CONSISTS OF 9 UNITS

IB, IC, & ID courses can be taken no sooner than the term in which 60 units of coursework are completed; Upper division GE must be completed at a CSU campus or equivalent university, and *cannot* be completed at a community college.

## ◆ INTEGRATION Three upper division—one in each area

IB Physical Universe & Its Life Forms: (Prerequisite: Completion of FOUNDATION and Area B)

Anthropology 161; Chemistry 170; Civil Engineering 121; Computer Science 100; Earth & Environmental Science 102, 112, 167, 168; Geography 115, 128, 129; Natural Science 115, 120, 121, 125; Physical Science 131, 168; Physics 100; Plant Science 105; Public Health 161; Sociology 158

IB \_\_\_\_\_

IC Arts & Humanities: (Prerequisite: Completion of FOUNDATION and Area C)

Africana Studies 129; Armenian 148; Art 102; Art History 140; Arts & Humanities 105; Asian American Studies 148; Chicano & Latin American Studies 130; Construction Management 145; Dance 171; Drama 163; English 101, 102, 103, 112, 113, 114, 174; French 109, 124, 125, 149; Humanities 104, 108, 110, 118, 120, 129; Interdisciplinary Art Studies 108; Italian 110; Linguistics 115, 130, 138; Music 170A, 171, 187; **Philosophy 120 (Nursing\*)**, 150, 151; Portuguese 101, 102, 103; Spanish 125, 129; Women's, Gender, & Sexuality Studies 110, 111

IC \_\_\_\_\_

ID Social, Political & Economic Institutions & Behavior, Historical Background: (Prerequisite: Completion of FOUNDATION, Area D, and PLSI 2)

Africana Studies 144; Agricultural Business 155; Anthropology 116W, 145; Art History 143; Asian American Studies 111, 121; Chicano & Latin American Studies 114, 115; City & Regional Planning 125; Civil Engineering 161; Construction Management 124; Criminology 101, 102, 120, 120S; Curriculum & Instruction 152; Economics 146, 167, 176, 183; Forensic Behavioral Sciences 153; Geography 133, 173; Gerontology 100; History 101, 154; Jewish Studies 154; Kinesiology 111; Media, Communications & Journalism 101, 175, 178, 180; Peace & Conflict Studies 100; Social Science 110; Sociology 131, 143, 163; Women's, Gender, & Sexuality Studies 101, 124, 149

ID \_\_\_\_\_

\*Note: Courses are highly recommended, but not required; consult major-specific advising sheets for more details

Total Units \_\_\_\_\_

# Graduation Requirements

## PLANNING YOUR DEGREE

- Meet with an Academic Counselor to complete a My Degree Plan (roadmap)
- Units per semester to graduate:  
4 years: 15 units x 8 semesters = 120 units  
5 years: 12 units x 10 semesters = 120 units
- Complete your US and California Government requirement during your sophomore year
- Complete your upper-division writing skills during your junior year (60 - 90 units)
- Complete your Application for Degree and pay the fee during the first four weeks of your final semester

- ◆ 120 unit minimum—comprised of:
  - 49 General Education (or modified version per Major)
  - Major
  - Electives if needed to reach 120 units (minor/certificate/other)

- ◆ 2.00 GPA in:
  - Major
  - Campus units
  - Cumulative units

### ◆ Additional Degree Requirements

- English Composition (GE Area A2—English 5A & 5B, 10 or equivalent) -
- US History (GE Area D1—History 11, 12 or equivalent) -
- US and California Government -

Courses: Political Science 2, or equivalent course

Completed Course: \_\_\_\_\_

- Multicultural/International course (M/I) -

Courses: Africana Studies 150, 164; Anthropology 105W, 123, 125; Art History 141, 142; Asian American Studies 110S; Business Administration 104; Chicano & Latin American Studies 160, 170; Communication 164; Child & Family Science 134; Communicative Disorders & Deaf Studies 139; Economics 181; Geography 167; Gerontology 161; History 186; Humanities 105, 140; Interdisciplinary 177, 188S; Italian 100; Linguistics 147; Media, Communications & Journalism 176, 179; Marketing 100S; Music 171A; Nursing 141, 141LS; Public Health 104, 128S; Philosophy 131, 132; Political Science 120; Recreation Administration 130; Social Sciences 180; Sociology 111, 142; Social Work 136; Women's, Gender, & Sexuality Studies 120, 135

Completed Course: \_\_\_\_\_

### ◆ Writing Skills Requirement:

- Upper-division writing skills -

Courses: Africana Studies 104W; Agricultural Business 170WS; American Indian Studies 105WS; Anthropology 105W, 116W, 126W; Asian American Studies 151W, 161W; Aerospace Studies 105AW\*, 105BW; Business Administration 105W; Chemistry 161W\*; Chicano & Latin American Studies 102W; Child & Family Studies 130W\*; Economics 102W; Earth & Environmental Sciences 104W, 135W; English 106W, 115W, 117W\*, 160W, 170W; Engineering 105W\*; Health & Human Services 116W; History 100W\*; Industrial Technology 198W; Jewish Studies 100W; Literacy & Early Education 180W; Linguistics 110W\*, 111W; Media, Communications & Journalism 102W\*, 114W\*, 155SW, 158WS; Philosophy 125W, 133W; Plant Science 110W; Sociology 130W, 130WS

Completed Course: \_\_\_\_\_

Note: a few majors require a specific "W" course; see catalog requirements for your major

\*Enrollment may be restricted or have additional prerequisites. Check the course description in the catalog or my.fresnostate.edu

### ◆ Fresno State Residency unit minimums:

- 30 units
- 24 upper-division units
- 12 units in major
- 9 General Education units

**Note:** To see a list of general education/writing skills/multicultural-international course descriptions, click the respective area heading