

**HEALTH SCIENCE**  
**Health Administration Option, B.S. (120 Units)**  
Valid for Catalog Years: 2019/2020 to 2020/2021

<b>Health Science Core Program Requirements</b>	<b>15 Units</b> □
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- PH 92: Public Health Statistics (3) \_\_\_\_\_
- PH 100: Community Health (3) \_\_\_\_\_
- PH 109: Epidemiology of Disease (3) (*Pre-Requisite:* PH 92, MATH 11, PSYCH 42, or DS 73) \_\_\_\_\_
- PH 161: Environment and Human Health (3) (**GE Area IB**) \_\_\_\_\_
- PH 163: Public Health Administration (3) \_\_\_\_\_

<b>Health Administration Option Requirements</b>	<b>16 Units</b> □
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- PH 151: Health Law and Legislation (3) (**FALL ONLY**) \_\_\_\_\_
- PH 154: Health Care Administration (3) (**SPRING ONLY**) \_\_\_\_\_
- OR** PLSI 181: Public Administration (3) \_\_\_\_\_
- OR** MGT 104: Administrative Principles of Management (3) (*Pre-Requisite:* BA 105W or ENGL 160W; can be concurrent) \_\_\_\_\_
- PH 155: Utilization of Health Care Resources (3) (*Pre-Requisite:* ECON 40) \_\_\_\_\_
- OR** ECON 162: Health Economics (3) (*Pre-Requisite:* ECON 40 and ECON 50) (**SPRING - EVEN**) \_\_\_\_\_
- PH 156: Health & Well-Being in the San Joaquin Valley (3) \_\_\_\_\_
- MKTG 100S: Marketing Concepts (4) (*Pre-Requisite:* BA 105W or ENGL 160W) (**MI**) \_\_\_\_\_

<b>Health Administration Options Additional Requirements</b>	<b>12 Units</b> □
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- ACCT 4A: Financial Accounting Principles and Systems (3) \_\_\_\_\_
- OR** ACCT 3: Essentials of Accounting (3) (**FALL ONLY**) \_\_\_\_\_
- ECON 40: Principles of Microeconomics (3) (**GE Area D3**) \_\_\_\_\_
- ECON 50: Principles of Macroeconomics (3) (**GE Area D3**) \_\_\_\_\_
- PH 182: Computers for the Health Professions (3) \_\_\_\_\_

<b>Health Administration Option Elective Requirements</b>	<b>15-16 Units</b> □
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*Select a minimum of 15-16 units from the following:*

- PH 104: Global and Cultural Issues in Health (3) (**MI**) \_\_\_\_\_
- PH 114: Health Behavior (3) \_\_\_\_\_
- PH 115: Health Issues of Aging (3) \_\_\_\_\_
- PH 129: Rural Health (3) (**SPRING ONLY**) \_\_\_\_\_
- PH 143: Occupational Safety (3) \_\_\_\_\_
- PH 168A: Occupational Health Concepts (3) (**FALL ONLY**) \_\_\_\_\_
- PH 185FI: Fieldwork in Health (1-3) (*Pre-Requisite:* Completion of 24 units in Core and Administration Option Courses) \_\_\_\_\_
- HRM 150: Administration of Personnel (3) (*Pre-Requisite:* MGT 100; BA 105W or ENGL 160W) \_\_\_\_\_
- MKTG 132: Promotion Mix: Principles and Practices (4) (*Pre-Requisite:* MKTG 100S) \_\_\_\_\_
- SOC 147: Medical Sociology (3) \_\_\_\_\_

<b>Recommended Upper Division Writing Skills (UDWS) Course (OPTIONAL)</b>	<b>3-4 Units</b> □
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- BA 105W: Business Communication (3)
- OR** ENGL 160W: Writing Workshop (4) (*Pre-Requisite:* ENGL 10 or 5B)

<b>Total Units Required in Major</b>	<b>59 units</b>
<b>Total Units Required in General Education</b>	<b>49 units</b>
<b>Electives needed</b>	<b>12 units</b>

## HEALTH SCIENCE

### Health Administration Option, B.S. (120 Units)

Valid for Catalog Years: 2019/2020 to 2020/2021

For assistance or to schedule an advising appointment, please contact the **CHHS Advising and Career Development Center:** 559-278-5027, McLane Hall 194

Student Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

Catalog Year: \_\_\_\_\_

	Year 1 (Freshman)		Year 2 (Sophomore)		Year 3 (Junior)		Year 4 (Senior)	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
<b>Major</b>	Lower Division GE	<b>PH 92 (3 Units)</b>	<b>ACCT 4A (3 Units)</b>	<b>PH 163 (3 Units)</b>	<b>PH 109 (3 Units)</b>	<b>PH 155 or ECON 162 (3 Units)</b>	<b>PH 151 (3 Units)</b>	<i>PH Elective</i>
	Lower Division GE	<b>PH 100 (3 Units)</b>	<b>ECON 40 (3 Units)</b>	<b>ECON 50 (3 Units)</b>	<b>PH 156 (3 Units)</b>	<b>PH 154, PLSI 181, or MGT 104 (3 Units)</b>	<b>MI MKTG 100S (4 Units)</b>	<b>PH 182 (3 Units)</b>
	Lower Division GE	Lower Division GE	Lower Division GE	<i>PH Elective</i>	<b>GE Area IB PH 161 (3 Units)</b>	<i>PH Elective</i>	<i>PH Elective</i>	<i>General Elective</i>
	Lower Division GE	Lower Division GE	Lower Division GE	Lower Division GE	<i>PH Elective</i>	Upper Division GE	<i>General Elective</i>	<i>General Elective</i>
	Lower Division GE	<i>General Elective</i>	Lower Division GE	Lower Division GE	Upper Division GE	<i>UDWS (BA 105W or ENGL 160W Recom.)</i>	<i>General Elective</i>	<i>General Elective</i>
<b>Milestones</b>		<b>PH 92 Completed</b>					<b>Completion of Core Courses</b>	

**Elective Options:**

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**General Business Mn Requirements**

- ACCT 4A (3 Units)
- Select 6-8 units from the following:  
BA 18; DS 73; FIN 120; IS 130; MGT 104; MGT 106; MGT 110; MKTG 100S
- Select 11 units of UD courses from not more than two fields:  
ACCT, BA, DS, ENTR, FIN, HRM, IS, MGT, or MKTG

**Entrepreneurship Mn Requirements**

- ENTR 81 (3 units)
- ENTR 151 (3 units)
- ENTR 153 (3 units)
- MGT 127 (3 units)
- Select 6 units from the following:  
BA 152; ENTR 155, 157, 161, 163S, 165, 167, 169, FIN 131

**Economics Minor Requirements**

- ECON 40 (3 units)
- ECON 50 (3 Units)
- Select 12 units of Upper Division Economics Courses

**\*\*Courses in a major cannot be applied toward a minor unless designated as "additional requirements."\*\***

**Advising Notes**

1. A minimum grade of C is required in all Health Science core courses and all core option courses.
2. CR/NC grading is not permitted in courses for the Health Science major, except in those courses which are designated CR/NC grading only.
3. Courses taken within the Public Health major may be used toward general education requirements, a minor (see departmental minors) or a supplemental credential. Consult the appropriate department chair, program coordinator, or faculty advisor for further information.

# 2020-2021 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.

## ◆ 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 "C" grade.

### Area A - Fundamental Skills and Knowledge

**A1 Oral Communication:** Communication 3, 7, 8

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

**A3 Critical Thinking:** Africana Studies 20; Anthropology 30; Chicano & Latin American Studies 30; College of Science & Math 10; Communication 5; Computer Science 1; Geography 25; Interdisciplinary 50; Natural Science 4; Philosophy 25, 45; Sociology 3, 3S; Women's Studies 12

**B4 Quantitative Reasoning:** (Co-requisite or prerequisite Math courses may be required. Check with advisors)  
 Criminology 50, Decision Sciences 71, 72; Mathematics 6, 11, 11L, 45, 45L, 70, 75, 75A

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, 3A, 10; Earth & Environmental Sciences 1, 1V, 4; Physical Science 21; Physics 2A, 4A & 4AL, 10

**B2 Life Sciences:** Biology 1A, 10, 11, 12

**B3 Laboratory Component:** B1 or B2 must have a lab (All B1 and B2 courses taken at Fresno State have a mandatory 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:** Armenian Studies 20; Art 1, 20, 40, 50; Art History 10, 11, 12; Chicano & Latin American Studies 9; Drama 22, 62; English 41, 43, 44; Media, Communications and Journalism 9; Music 9 (not for music majors), 9A, 74, 75

**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, 1B; 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; 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 American Government:** Political Science 2

**D3 Social Science:** Africana Studies 10, 15, 27; Agricultural Business 1; American Indian Studies 50; Anthropology 2, 3; Armenian Studies 10; Asian American Studies 15; Child & Family Studies 31; Chicano & Latin American Studies 3, 5; Communicative Sciences & Deaf Studies 98; Criminology 10; Economics 25, 40, 50; Geography 2, 4, 81; History 20, 21; Industrial Technology 20; Jewish Studies 10; Media, Communications and Journalism 1; Middle East Studies 10; Political Science 1; Psychology 10; Sociology 1 or 1S; Women's Studies 10

D1 \_\_\_\_\_

D2 \_\_\_\_\_

D3 \_\_\_\_\_

### Area E - Lifelong Understanding and Self-Development One course

**E Lifelong Understanding & Self-Development:** Animal Science 67; Art 13; Child & Family Studies 38, 39; College of Science & Math 15; Dance 16, 70; Drama 32; Finance 30; Gerontology 10S, 18, 111; Kinesiology 32 & concurrent enrollment in any KAC course; Linguistics 30; Nutrition 53; Peace and Conflict Studies 110; Psychology 61; Public Health 90, 91, 110; Recreation Administration 80; University 1; Women's Studies 18

E \_\_\_\_\_

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

IB, IC, and ID courses can be taken no sooner than the term in which 60 units of coursework are completed.

## ◆ INTEGRATION Three upper division courses--one in each area

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

Anthropology 161; Chemistry 170; Computer Science 100; Earth & Environmental Sciences 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 and Humanities:** (Prerequisite: Completion of FOUNDATION and Area C)

Africana Studies 129; Armenian 148; Art 102; Arts & Humanity 105; Chicano & Latin American Studies 130; Dance 171; Drama 163; English 101, 102, 103, 112, 113, 114, 174; French 109, 149; Humanities 104, 108, 110, 118, 129; Interdisciplinary Art Studies 108; Linguistics 115, 130, 138; Music 170A, 171, 187; Philosophy 120, 150, 151; Spanish 125, 129

IC \_\_\_\_\_

**ID Social, Political and Economic Institutions and Behavior, Historical Background:**

(Prerequisite: Completion of FOUNDATION and Area D)  
 Africana Studies 144; Agricultural Business 155; American Indian Studies 103; Anthropology 116W, 145; Chicano & Latin American Studies 114, 115; Construction Management 124; Criminology 101, 120, 120S; Economics 146, 167, 176, 183; Forensic Behavioral Sciences 153; Geography 133, 173, 184; Gerontology 100; History 101, 154; Jewish Studies 154; Kinesiology 111; Media, Communications and Journalism 175, 178; Peace and Conflict Studies 100; Social Science 110; Sociology 131, 143, 163; Women's Studies 101, 124, 149

ID \_\_\_\_\_

**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 upper-division writing skills during your junior year (60-90 units)**
- ❑ **Complete your Application for Degree & 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
- **Specific course requirements:**
  - English Composition (English 5A & 5B, 10 or equivalent)
  - US History (History 11, 12 or equivalent)
  - US and California Constitution (Political Science 2, 102 or equivalent)
  - Multicultural/International course

### Multicultural/International courses

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

- **Writing Skills Requirement:**
  - Upper-division writing skills (exam or course with a "W")

### W courses

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

Note: a few majors require a specific "W" course; see catalog requirement 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