

HEALTH SCIENCE
Health Administration Option, B.S. (120 Units)
 Valid for Catalog Years: 2021/2022 to Current

Health Science Core Program Requirements	15 Units □
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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) _____

Health Administration Option Requirements	16 Units □
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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**) _____

Health Administration Options Additional Requirements	12 Units □
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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 D2**) _____
- ECON 50: Principles of Macroeconomics (3) (**GE Area D2**) (or PH 153 by substitution) _____
- PH 182: Computers for the Health Professions (3) _____

Health Administration Option Elective Requirements	15-16 Units □
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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) _____

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

Total Units Required in Major	59 units
Total Units Required in General Education	49 units
Electives needed	12 units

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

Elective Options:

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