

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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Valid for Catalog Years: 2021/2022 to Current

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.

2021-2022 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

Area A - English Language Communication and Critical Thinking

FOUNDATION courses must be satisfied with a minimum of “C” grade.

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

A1 Oral Communications: Communication 3, 7, 8

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

A3 Critical Thinking: African 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 - Scientific Inquiry and Quantitative Reasoning

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 & 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 & 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; 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 A1 for students in English college readiness Category III and IV)

D1 American History: History 11, 12

D2 Social Science: Africana Studies 10, 15, 27; Agricultural Business 1; American Indian Studies 50; Anthropology 2, 3; Armenian Studies 10; Child & Family Science 31; 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 & Journalism 1; Middle East Studies 10; Political Science 1; Psychology 10; Sociology 1 or 1S; Women's Studies 10, 11

D1 _____

D2 _____

Area E - Lifelong Understanding & Self-Development One Course

Animal Science 67; Art 13; Child & Family Science 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 _____

Area F - Ethnic Studies One Course

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

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.

◆ 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; Computer Science 100; Earth & Environmental Sciences 102, 112, 167, 168; Geography 115, 128, 129; Natural Science 115, 120, 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; Armenia 148; Art 102; Art History 140; Arts & Humanity 105; Chicano & Latin American Studies 130; Dance 171; Drama 163; Earth & Environmental Sciences 102; English 101, 102, 103, 112, 113, 114, 174; French 109, 124, 125, 149; Humanities 104, 108, 110, 118, 120, 129; Interdisciplinary Art Studies 108; Linguistics 115, 130, 138; Music 170A, 171, 187; Philosophy 120, 150, 151; Portuguese 101, 102, 103; Spanish 125, 129; Women's Studies 110

IC _____

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

Africana Studies 144; Agricultural Business 155; Anthropology 116W, 145; Art History 143; 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 & Journalism 175, 178, 180; Peace & Conflict Studies 100; Social Science 110; Sociology 131, 143, 163; Women's Studies 101, 111, 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 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

◆ Specific course 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

- Multicultural/International course (M/I) -

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; Italian 100; Linguistics 147; Media, Communications & 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 120, 135

◆ Writing Skills Requirement:

Completed Course: _____

- Upper-division writing skills -

Courses: Africana Studies 104W; Agricultural Business 170SW; Anthropology 105W, 116W, 126W; Asian American Studies 151W, 161W; Aerospace Studies 105AW*, 105BW; Business Administration 105W, 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*; Philosophy 125W, 133W; Plant Science 110W; Sociology 130W/WS

Note: a few majors require a specific "W" course; see catalog requirements for your major
*Enrollment may be restricted or have additional prerequisites.

Completed Course: _____

◆ 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