

Bachelor of Science in Health Science

Department of Health Science
College of Health & Human Development
California State University, Fullerton
Effective Fall 2005
52 Units

Students declaring a health science major need to successfully (grade C or better) complete a set of prerequisite, core, concentration, and elective courses. The list of these courses is provided below. Please note that not all courses are offered each semester. For more detailed information about the program, course offerings, faculty, and career options, please meet with a faculty advisor, review the CSUF catalogue or visit our web site at <http://hdcs.fullerton.edu/hesc>

All health science majors are strongly encouraged to meet with a health science faculty advisor at least once each semester. Students wishing to pursue careers in the health professions (medical doctors, pharmacists, optometrists, and veterinarians) are advised to seek additional counseling through the Health Professions Office in UH-223.

Prerequisite Requirements for Major

BIOL 101: Elements of Biology (3)
CHEM 100: Survey of Chemistry (3)
CHEM 100L: Survey of Chemistry Lab (1)
PSYC 101: Introduction to Psychology (3)
SPCH 102: Public Speaking (3)

Core Requirements for Major (28 Units)

HESC 101: Personal Health (3)
KNES 210: Anatomy & Physiology (3)
HESC 220: Concepts in Health Science (3); concurrent with
HESC 494: Practicum in Health Science (1)
HESC 349: Measurement & Statistics in Kinesiology & Health (3)
HESC 400: Program Design (3)
HESC 401: Epidemiology (3)
HESC 440: Health Behavior (3)
HESC 475: Health Science Research & Evaluation (3)
HESC 495: Internship in Health Science (3)***

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In addition to the core requirements that all health science majors must complete, we offer three concentrations: Health Promotion and Disease Prevention, Environmental and Occupational Health and Safety, and Special Studies. Students will be required to select one of the three areas in which to concentrate and successfully complete those requirements.

Required Courses for Each Concentration (21 units)

Health Promotion and Disease Prevention	Environmental and Occupational Health and Safety	Special Studies
HESC 410: Community Health Education** HESC 411: Prom Health in Multicultural Pop* HESC 460: Worksite Health Promotion* 12 units of electives with advisor approval (see list below)	HESC 405: Worksite Inj Prev & Rehab** HESC 415: Environmental Health * HESC 461: Occupational Health & Safety** 12 units of electives with advisor approval (see list below)	21 units selected with advisor approval

Electives

Health Promotion and Disease Prevention	Environmental and Occupational Health and Safety
<p>6-12 Units: HESC 321: Drugs & Society HESC 325: Consumer Health HESC 342: Stress Management HESC 350: Nutrition HESC 353: Physical Activity & Lifelong Well-Being HESC 358: Contemp. Issues in Children's Health HESC 405: Worksite Inj Prev & Rehab** HESC 415: Environmental Health HESC 450: Applied Health Prom. in Aging Pop. HESC 461: Occupational Health & Safety**</p>	<p>6-12 Units: HESC 321: Drugs & Society HESC 325: Consumer Health HESC 342: Stress Management HESC 350: Nutrition HESC 353: Physical Activity & Lifelong Well-Being HESC 358: Contemp. Issues in Children's Health HESC 410: Community Health Education HESC 411: Promoting Health in Multi-cultural Pop. HESC 450: Applied Health Prom. in Aging Pop. HESC 460: Worksite Health Promotion</p>
<p>0-6 Units (from other Departments with Advisor's Approval) AFRO304: Black Family AMST438: American Minds: Images of Sickness and Health ANTH308: Culture and Aging ANTH315: Culture and Nutrition ANTH322: Human Behavioral Ecology ANTH342: Anthropology and Health ANTH344: Human Evolution ASAM342: Asian Pacific American Families ASAM346: Asian American Psychology ASAM340: Asian American Communication ASAM348: Asian Pacific American Perspectives on Aging BIOL300: Environmental Biology BIOL302: General Microbiology BIOL305: Human Heredity and Development BIOL306: Biology of Aging BIOL310: Human Physiology BIOL360: Biology of Human Sexuality BIOL361: Human Anatomy CHEM301A: Organic Chemistry</p>	<p>0-6 Units (from other Departments with Advisor's Approval) AFRO304: Black Family AMST438: American Minds: Images of Sickness and Health ANTH308: Culture and Aging ANTH315: Culture and Nutrition ANTH322: Human Behavioral Ecology ANTH342: Anthropology and Health ANTH344: Human Evolution ASAM342: Asian Pacific American Families ASAM346: Asian American Psychology ASAM340: Asian American Communication ASAM348: Asian Pacific American Perspectives on Aging BIOL300: Environmental Biology BIOL302: General Microbiology BIOL305: Human Heredity and Development BIOL306: Biology of Aging BIOL310: Human Physiology BIOL360: Biology of Human Sexuality BIOL361: Human Anatomy CHEM301A: Organic Chemistry</p>

<p>CHEM301B: Organic Chemistry CHEM302: Organic Chemistry Lab CHEM302A: Organic Chemistry Lab CHEM302B: Organic Chemistry Lab CHEM303A: Biotechnology: Business and Society CHEM303B: Medical Biotechnology CHEM303C: Agricultural/Environmental Biotechnology CHEM311: Nutrition and Disease CHEM313A (1 unit): Air Pollution CHEM313B (1 unit): Water Pollution CHEM313C (1 unit): Land Pollution CHIC305: The Chicano Family GEOG350: Nature and Society KNES348: Physiology of Exercise KNES351: Principles of Conditioning KNES 432: Applied Exercise Psychology KNES454: Physical Activity and the Aging Process NURS301: Promotion of Optimal Health PHIL314: Medical Ethics PSYCH312: Psychology of Human Sexual Behavior PSYCH341: Abnormal Psychology PSYCH350: Environmental Psychology PSYCH351: Social Psychology PSYCH362: Psychology of Aging PSYCH391: Industrial/Organizational Psychology SOC1300: Introduction to Social Welfare SOC1333: Sociology of Aging SOC1354: Sex Roles and Gender SOC1360: Sociology of Death and Dying SOC1361: Population and the Environment SOC1381: Sociology of Human Sexuality SOC1385: Family Violence SPCH345: Communication and Aging SPED371: Exceptional Individual WMST410: Women's Health and Aging</p>	<p>CHEM301B: Organic Chemistry CHEM302: Organic Chemistry Lab CHEM302A: Organic Chemistry Lab CHEM302B: Organic Chemistry Lab CHEM303A: Biotechnology: Business and Society CHEM303B: Medical Biotechnology CHEM303C: Agricultural/Environmental Biotechnology CHEM311: Nutrition and Disease CHEM313A (1 unit): Air Pollution CHEM313B (1 unit): Water Pollution CHEM313C (1 unit): Land Pollution CHIC305: The Chicano Family GEOG350: Nature and Society KNES348: Physiology of Exercise KNES351: Principles of Conditioning KNES 432: Applied Exercise Psychology KNES454: Physical Activity and the Aging Process NURS301: Promotion of Optimal Health PHIL314: Medical Ethics PSYCH312: Psychology of Human Sexual Behavior PSYCH341: Abnormal Psychology PSYCH350: Environmental Psychology PSYCH351: Social Psychology PSYCH362: Psychology of Aging PSYCH391: Industrial/Organizational Psychology SOC1300: Introduction to Social Welfare SOC1333: Sociology of Aging SOC1354: Sex Roles and Gender SOC1360: Sociology of Death and Dying SOC1361: Population and the Environment SOC1381: Sociology of Human Sexuality SOC1385: Family Violence SPCH345: Communication and Aging SPED371: Exceptional Individual WMST410: Women's Health and Aging</p>
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English Proficiency Requirement (3 units)

In order to satisfy the upper-division writing requirement of the university, Health Science majors must pass (1) ENGL 301: Advanced College Writing with a grade of C or better and (2) the Cal State Fullerton Examination in Writing Proficiency (EWP). Please see additional information provided in the catalog on the writing requirement.

Notes

- * These classes will be offered only in the Fall semester
- ** These classes will be offered only in the Spring semester
- *** All prerequisite, core, and focus area courses except HESC 475 must be completed prior to enrolling in HESC 495
- *** No more than 12 units may be taken during the semester in which you enroll in HESC 495