

BS IN HEALTH SCIENCE



SACRAMENTO STATE
Redefine the Possible

In Workflow

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Approval Path

1. Wed, 07 Oct 2020 04:37:30 GMT
Heather Thompson (heather.thompson): Approved for HHS College Committee Chair
2. Wed, 07 Oct 2020 16:03:58 GMT
Mary Maguire (maguirem): Rollback to Initiator
3. Tue, 20 Oct 2020 18:06:22 GMT
Heather Thompson (heather.thompson): Approved for HHS College Committee Chair
4. Tue, 20 Oct 2020 18:23:01 GMT
Mary Maguire (maguirem): Approved for HHS Dean

History

1. Apr 27, 2018 by clmig-jwehrheim
2. Sep 14, 2018 by 212408496
3. Feb 6, 2020 by Susan Perez (susan.perez)
4. Feb 6, 2020 by Janett Torset (torsetj)
5. Apr 28, 2020 by Celena Showers (celena.showers)

Date Submitted: Fri, 09 Oct 2020 19:30:36 GMT

Viewing: BS in Health Science

Last approved: Tue, 28 Apr 2020 17:39:13 GMT

Last edit: Fri, 09 Oct 2020 19:30:35 GMT

Changes proposed by: Andrea Becker (101053364)

Academic Group: (College)

Health & Human Services

Academic Organization: (Department)

College of Health & Human Services

Catalog Year Effective:

2021-2022 Catalog

Individual(s) primarily responsible for drafting the proposed degree major program:

Name (First Last)	Email	Phone 999-999-9999
Andrea Becker	andrea.becker@csus.edu	916-278-2637

Type of Program Proposal:

Major

Program Change Type:

Non-Substantive

Title of the Program:

BS in Health Science

Designation: (degree terminology)

Bachelor of Science

Briefly describe the program proposal (new or change) and provide a justification:

The current Health Science curriculum has 25-27 lower division requirements and is short on upper division units. This is causing a large majority of students in the major to also have to take a minor in order to graduate and placing an unnecessary burden on our limited advising resources. A secondary issue is the strain that students are putting on other departments to complete a minor. The purpose of this proposal is to provide students with a greater number of upper division units to be able to graduate without a minor and to increase the number of elective options to reduce the possibility of bottlenecks and spread the load across a number of classes and departments.

Objectives of the degree program:

By the end of the program, students will be able to:

1. Articulate shared values, ethics and standards of practice within the health professions.
2. Analyze health issues from an ecological and systemic viewpoint.
3. Describe the role of human behavior on health risk and outcomes.
4. Apply research methodology and data analysis skills to support evidence-based practice within health related professions.
5. Work collaboratively across population groups, health related disciplines, and community partners.

University Learning Goals

Undergraduate Learning Goals:

Competence in the disciplines
Knowledge of human cultures and the physical and natural world
Integrative learning
Personal and social responsibility
Intellectual and practical skills

Will this program be required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

Do these changes impact the Smart Planner roadmap?

Yes

Please attach the Smart Planner roadmap:

HLSC_Roadmap.pdf

Briefly describe the change:

Required lower division courses will be limited to 18-21 units (instead of 25-27 units), and 5-8 of those units will be electives. Fifteen additional upper division courses will be added to the electives list to spread the demand across a greater number of courses. HHS 160 will be moved to the elective list and HHS 196B: Introduction to Health Science will be added to the list of required upper division courses.

Catalog Description:

Units required for Major: 51-55

Total units required for BS: 120

Program Description

The Bachelor of Science program in Health Science prepares students for a variety of roles within the allied health professions. The curriculum integrates coursework from disciplines across the University to provide students with a broad foundation of knowledge and skills related to life sciences, social sciences, communications, health ecology, public service, ethical practice, and data analysis.

The curriculum is designed to provide students with the necessary prerequisite courses to pursue careers or training in clinical or non-clinical practice professions after graduation, such as Occupational Therapy, Nursing, Physician Assistance, or Public Health. The curriculum also prepares students to transition to clinical majors at Sacramento State if they wish. Students have the flexibility to select a program of study that suits their career goals within the allied health professions.

Note: Students graduating with a BS in Health Science will not be subject to the University's Foreign Language Graduation Requirement. Students who change major may be subject to the University's Foreign Language Graduation Requirement.

Admission Requirements: Course prerequisites and other criteria for admission of students to the degree major program, and for their continuation in it.

Minimum Grade Requirement

All courses must be completed with at least a 'C-' grade.

Additional Information

Credit by Examination: A student who seeks course credit by examination is to enroll in the course to be challenged. No course may be challenged after the first two weeks of the semester. The instructor of the course will conduct an assessment of the student's readiness for the challenge for credit examination. Refer to Credit by Examination section of the Sacramento State Catalog.

Advising: It will be necessary to work closely with an advisor to complete the BS degree in a timely manner. Therefore, it is strongly recommended that all Health Science students consult with an advisor prior to enrollment for any course. This procedure should be followed each semester.

As defined by policy <http://www.csus.edu/umannual/acadaff/fsm00010.htm>, a change in units constitutes a substantive change to the program. If your changes constitute a substantive change, please refer back to the 'Program Change Type' field above to ensure that 'Substantive' is selected.

Program Requirements: (If new courses are being created as part of a new program, it will be useful to propose courses first.)

Program Requirements

Code	Title	Units
Required Lower Division Courses (13 Units)		
BIO 25 & BIO 26	Human Anatomy and Physiology I Human Anatomy and Physiology II	8
CHEM 6A	Introduction to General Chemistry ^{1,2}	5
Required Lower Division Electives		5 - 8
<i>Select two courses from the following Lower Division Electives: (5-8 units)</i>		
BIO 10	Basic Biological Concepts ¹	
BIO 39	Microbiology for Allied Health Students	
CHDV 30	Human Development ¹	
NUFD 10	Nutrition And Wellness ¹	
PSYC 2 or SOC 1	Introductory Psychology ¹ Principles of Sociology	
STAT 1 or STAT 10B	Introduction to Statistics ¹ Introductory Statistics with Developmental Mathematics	
NURS 14	Pharmacology	
Required Upper Division Courses (15 Units)		
HHS 196B	Course HHS 196B Not Found (Introduction to Health Science)	3
PUBH 114	Human Ecology and Health ¹	3
PUBH 122	Health Psychology	3
<i>Select one course from the following courses on Aging: (3 units)</i>		3
GERO 100	Aging Issues in Contemporary America	
GERO 101	Elder Care Continuum Services and Strategies	
GERO 121	Strategies for Optimal Aging	
GERO 122	Managing Disorders in Elders	
KINS 136	Sport And Aging	
PUBH 150	Aging and Health	
<i>Select one course from the following courses on Ethical Practices: (3 units)</i>		3
PHIL 102	Professional and Public Service Ethics ¹	
PHIL 104	Bioethics ¹	
PHIL 105	Science and Human Values ¹	
PUBH 151	Introduction to the U.S. Healthcare System	
SWRK 151	Health Services and Systems ¹	
Required Health Science Electives		18 - 19
<i>Select six courses from the following elective courses: (18-19 units)</i>		
BIO 104	Physiology of Human Reproduction	
BIO 123	Neuroanatomy	
BIO 130	Histology	

BIO 131	Systemic Physiology
BIO 140	Medical Microbiology and Emerging Infectious Diseases
COMS 161	Health Communication
GERO 103	Applied Care Management in Gerontological Practice
HHS 160	Senior Seminar: Health Science Careers, Policy, and Research
KINS 132	Planning, Designing and Managing a Fitness Center
KINS 139	Leadership and Communication
KINS 156	Care Of Athletic Injuries
NURS 165	Hospice and Palliative Nursing Care 🌐
NURS 168	The Brain and Gender-Related Differences ¹
NUFD 113	Nutrition And Metabolism ¹
PHYS 182	Physics of Sports ¹
PSYC 149	Psychology of Adolescence
PSYC 168	Abnormal Psychology
PUBH 100	Fundamentals of Safety and Health
PUBH 116	Public Health Administration and Policy
PUBH 124	Consumer Health Education
PUBH 130	Alcohol and Other Drugs
PUBH 134	Understanding Human Sexuality
or NURS 160	Human Sexuality
RPTA 100	Recreation and Leisure Lifestyle Development
or RPTA 125	Leisure, the Individual, and Contemporary Society ✍️
RPTA 106	Introduction to Inclusive Recreation and Recreation Therapy
RPTA 165	Volunteer Management in Recreation, Parks and Tourism
RPTA 196E	Introduction to Posttraumatic Growth
RPTA 124	Course RPTA 124 Not Found (The Science of Nature Engagement and Human Health & Wellbeing)
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Total Units	51-55

¹ Course also satisfies General Education (GE)/Graduation Requirement.

² Any 4 or 5 unit lecture-based Chemistry course

Note: Health Science courses depend upon concentration, permission of the faculty advisor, program coordinator, and department chair.

General Education Requirements ¹

Code	Title	Units
Area A: Basic Subjects (9 Units)		
A1 - Oral Communication		3
A2 - Written Communication		3
A3 - Critical Thinking		3
Area B: Physical Universe and Its Life Forms (6 Units)		
B1 - Physical Science ²		0
B2 - Life Forms		3
B3 - Lab (Note: Lab experience to be taken with one of the following: B1, B2 or B5 ²)		0
B4 - Math Concepts ²		0
B5 - Additional Course (Any B to reach 12 units) - Take upper-division course to complete Area & upper division requirements.		3
Area C: Arts and Humanities (12 Units)		
C1 - Arts		3
C2 - Humanities		3
C1/C2 - Area Course C		3
C1/C2 - Area C Course - Take upper-division course to complete Area & upper division requirements.		3
Area D: The Individual and Society (9 Units)		
Area D Course		3
Area D Course		3
Area D Course		3
Area D Course - Take upper-division course to complete Area & upper division requirements. ²		0
Area E: Understanding Personal Development (3 Units)		

Area E Course	3
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Total Units	39
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¹ To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (<http://catalog.csus.edu/colleges/academic-affairs/general-education/>).

Note: There is no way to list all possible overlaps so please consult with a professional advisor. The Academic Advising Center can be visited online (<http://www.csus.edu/acad/>), by phone (916) 278-1000, or email (advising@csus.edu).

² Required in Major; also satisfies GE.

Graduation Requirements ¹

Code	Title	Units
Graduation Requirements (required by CSU) (9 Units)		
American Institutions: U.S. History		3
American Institutions: U.S. Constitution & CA Government		3
Writing Intensive (WI)		3
Graduation Requirements (required by Sacramento State) (6 Units)		
English Composition II		3
Race and Ethnicity in American Society (RE)		3
Foreign Language Proficiency Requirement ²		0

¹ To help you complete your degree in a timely manner and not take more units than absolutely necessary, there are ways to use single courses to meet more than one requirement (overlap). For further information, please visit the General Education page (<http://catalog.csus.edu/colleges/academic-affairs/general-education/>).

Note: There is no way to list all possible overlaps so please consult with a professional advisor. The Academic Advising Center can be visited online (<http://www.csus.edu/acad/>), by phone (916) 278-1000, or email (advising@csus.edu).

² If not satisfied before entering Sacramento State, it may be satisfied in General Education Area C2 (Humanities). 'C- or better required.' The alternative methods for satisfying the Foreign Language Proficiency Requirement are described here: <https://www.csus.edu/college/arts-letters/world-languages-literatures/foreign-language-requirement.html>

Note: Students with a declared major of BS in Health Science (Occupational Health and Safety), BS in Health Science (Health Care Administration), or BS in Health Science (Community Health Education) are exempt from the Foreign Language Graduation Requirement.

Fiscal Impact to Change an Existing Program

Indicate programmatic or fiscal impact which this change will have on other academic units' programs, and describe the consultation that has occurred with affected units:

The goal of this revision is to lessen the fiscal impact on the involved departments by reducing the number of students who take a minor and spread the demand for electives across a greater number of courses. The goal is to provide students with a more clear and direct pathway toward graduation, which may increase progress toward degree completion and lessen the advising load on the college's advising center. The elective courses that were added to the program are from the following departments: Public Health, Kinesiology, Nursing, and Communication Studies. Consultation with these departments is attached below.

Attach a copy of correspondence with these units:

Health_Science_Consultation.docx

Provide a fiscal analysis of the proposed changes:

This curriculum proposal is likely to minimize the fiscal impact on the associated departments and the College of Health and Human Services. Some explanations are 1) the development of HHS 196B: Introduction to Health Science will reduce the current advising burden in the student success center, 2) HHS 196B will be offered during summer sessions, 3) HHS 160: Senior Seminar: Health Science Careers, Policy, and Research was going to be expensive to administer as a required course and will become an elective, 4) adding 15 additional elective courses will spread student needs across a greater number of courses reducing the demand on any one course, and 5) re-balancing the number of required lower and upper division requirements will provide students with a more direct pathway and likely increase time to graduation.

How will the above changes be accommodated within the department/College existing fiscal resources?

The teaching resources that were planned for HHS 160 will be redistributed to cover HHS 196B.

Will the proposed changes require additional resources?

No

What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed?

N/A

Estimate the cost and indicate how these resource needs will be accommodated:

We don't anticipate greater costs at this time.

Reviewer Comments:

Mary Maguire (maguirem) (Wed, 07 Oct 2020 16:03:58 GMT): Rollback: Edit program proposal description

Key: 278