



Alignment of Degree Programs

CIP Code & Title: 51.0000 Health Services/Allied Health/Health Sciences, General

Level: Bachelor's

Area of Strategic Emphasis: Health

Revisions in red text to align with Ad-Hoc Faculty document (08-06-2020).

PROGRAM DESCRIPTION:

This Bachelor of Science in Health Sciences is designed for those interested in health science, the health care industry and the allied health professions. The degree has a flexible curriculum so students may choose an area of specialization to suit their career interests. Career choices after graduation include working in health related nonprofit organizations, governmental and community agencies, medical records, patient education, geriatric care settings, diagnostic laboratories, hospitals, the pharmaceutical industry, medical and wellness facilities and businesses. Students graduating with this degree may enter the workforce or continue their education in a variety of fields that might include advanced degree programs in Health Management, Physical or Occupational Therapy, Physician Assistant, Health Administration, Healthcare Informatics, Communication Disorders and Social Work, to name a few. This degree has greater flexibility and students may have more exposure to social science, business and humanities courses than the more natural science- and mathematics-intensive degrees sometimes required for some health-based professional schools.

CURRICULUM:

A. Student Learning Outcomes:

Goal 1: Discipline Specific Content

- 1a. Outcome: Students will be able to describe and compare various health professions.
- 1b. Outcome: Students will be able to explain and interpret scientific and medical terminology.

Goal 2: Communication Skills

- 2a. Outcome: Students will be able to effectively work in teams to analyze and present a current topic in the Health Science field to the general public.
- 2b. Outcome: Students will be able to employ professional writing skills in their work.

Goal 3: Critical Thinking Skills

- 3a. Outcome: Students will demonstrate, through application and interpretation, a working knowledge of health ethics.

Goal 4: Other

- 4a. Outcome: Students will demonstrate knowledge of global, aging, biological, health technology or mental health issues. Each of the five concentrations will be assessed for student outcomes in their individual areas.
 - Biological Health Sciences – Students should have an understanding of and be able to discuss the underlying biological processes involved in various health states.
 - Social and Behavioral Sciences – Students should have an understanding of and recognize the social and behavioral aspects involved in various health states
 - Aging Health Studies – Students should have an understanding of and be able to identify the underlying biological, social and environmental issues effecting the aging population with an emphasis on health.
 - Health Care Administration – Students should have an understanding of and be able to utilize the administrative aspects of the health industry.
 - Health Information Technology – Students should have an understanding of and be able to utilize the technology used in health care delivery.

B. Admission Standards for the Program:

B1. University Admissions: Admission to the University is based on the University's Undergraduate Admission Requirements that may be found by clicking on the following urls:

- **Freshman:** <https://www.usf.edu/admissions/freshmen/admission-information/requirements-deadlines.aspx>
- **Transfer:** <https://www.usf.edu/admissions/transfer/admission-information/index.aspx>
- **International:** <https://www.usf.edu/admissions/international/admission-information/index.aspx>

C. Graduation Requirements for the Program:

Satisfactory completion of the following requirements:

- General Education Program (36 credit hours), including State Core General Education, State Computation and State Communication;
- Minimum of 120 unduplicated credit hours;
- A minimum adjusted grade point average (GPA) of 2.0 on all coursework taken at USF and an overall 2.0 GPA average on all college-level coursework;
- Major and college requirements in a chosen degree program;
- Nine credit hours of coursework taken during the summer term(s) (if entered USF with less than 60 credit hours);
- Registration and successful completion of at least thirty (30) of the last sixty (60) credit hours;
- 42 credit hours of upper-level coursework;
- Civics Literacy;
- Foreign language admissions coursework.

D. Curricular Framework:

D1. State Mandated Common Prerequisites:

State Mandated Common Prerequisite	Credits	USF Course	Credits
BSC XXXXC or BSC X007/X007L or BSC X005/X005L or BSC X010/X010L	4	BSC 1005 or BSC 1020 or BSC 2010/2010L	4
MAC X105	3	MAC 1105	3
PSY X012	3	PSY 2012	3
STA XXXX or STA X023 or STA X014	3	STA 2023	3
DEP X053 or DEP X004 or DEP X000 or CLP X140	3	DEP 2004	3
APK X0105C or BSC X085/X085L or BSC X093 or BSC X094	4	BSC 2085/2085L or BSC 2093C or BSC 2094C	4
ENC X210 or ENC X254	3	ENC 2210	3
Total Credit Hours	23	Total Credit Hours	23

D2. Required Courses: (12 credit hours)

D2a. Major Core Courses: 2 courses; 6 credit hours

- HSC 2000 Introduction to Health Professions (3)
- CLT 3040 Scientific and Medical Terminology (3)

D2b. Other Required Courses: (6 credit hours)

D2c. Ethics Course: 1 course; 3 credit hours

Choose one from the following list:

- **PHI 3636 Professional Ethics**
- PHI 3633 Biomedical Ethics (3)
- CLP 4620 Ethics in Psychology and Health (3)

D2d. Outside the Major Course: 1 course; 3 credit hours

Choose one from the following list:

- ACG 2021 Principles of Financial Accounting (3)
- ECO 2023 Economic Principles (Microeconomics) (3)
- ANT 2511 Biological Anthropology (3)
- ANT 2402 Cultural Anthropology (3)
- COM 2000 Introduction to Communication (3)
- COM 2130 Communication Skills for Health Professionals (3)
- GEY 2000 Introduction to Aging Sciences (3)
- SYG 2000 Introduction to Sociology (3)

D3. Major (Restricted) Electives: (30 credit hours)

Students complete a Health Sciences program of study and one of five concentrations in: Aging Health Studies, Biological Health Sciences, Health Information Technology, Health Care Administration, Social and Behavioral Health Sciences

D3a. Aging Health Studies Concentration: 10 courses; 30 credit hours

Select 10 courses (30 credit hours) from the following list of courses:

- BSC 3022 Biology of Aging (3)
- GEY 3601 Physical Changes and Aging (3)

- GEY 4322 Care Management for Older Adults (3)
- GEY 4360 Counseling for Older Adults (3)
- GEY 4507 Understanding Policies and Practices of Long Term Care (3)
- GEY 4608 Alzheimer's Disease Management (3)
- GEY 4628 Health, Ethnicity, and Aging (3)
- GEY 4641 Death and Dying (3)
- GEY 4935 Special Topics in Gerontology (3)
- HSC 4211 Health, Behavior and Society (3)
- HSC 4630 Understanding U.S. Health Care (3)
- HSC 4851 Health Sciences Internship (3)
- LIS 4930 Selected Topics in Information Studies (3)
- MHS 4931 Selected Topics (3)
- PAD 4930 Selected Topics in Public Administration and Public Policy (3)
- PHC 4931 Health Care Ethics (3)
- SOW 3210 The American Social Welfare System (3)
- SPA 3002 Introduction to Communication Sciences and Disorders (3)
- SPA 4257 Adult Communication Disorders (3)

D3b. Biological Health Sciences Concentration: 10 courses; 30 credit hours

Select 10 courses (30 credit hours) from the following list of courses:

- ANT 4462 Health, Illness, and Culture (3)
- ANT 4520C Forensic Anthropology (4)
- APK 3120 Exercise Physiology (3)
- BSC 3022 Biology of Aging (3)
- BSC 4933 Selected Topics in Biology (3-4)
- CHM 2023 Chemistry for Today (3)
- CHM 2045 General Chemistry I and CHM 2045L General Chemistry I Laboratory (3)
- CHM 2046 General Chemistry II and CHM 2046L General Chemistry II Laboratory (3)
- DEP 4053 Developmental Psychology (3)
- GEY 3601 Physical Changes and Aging (3)
- HSC 4430 Occupational Health and Safety (3)
- HSC 4504 Foundations of Public Health Immunology (3)
- HSC 4551 Survey of Human Diseases (3)
- HSC 4573 Foundations of Food Safety (3)
- HSC 4624 Foundations of Global Health (3)
- HSC 4933 Special Topics in Public Health (3)
- HUN 3272 Sports Nutrition (3)
- HUN 3296 Nutrition and Disease (3)
- LIS 4785 Introduction to Health Informatics (3)
- LIS 4930 Selected Topics in Information Studies (3)
- MCB 3020 General Microbiology (3)
- MCB 3020L General Microbiology Laboratory (1)
- PCB 3063 General Genetics (3)
- PCB 3063L General Genetics Laboratory (1)
- PHC 3302 Introduction to Environmental & Occupational Health (3)
- PHC 3320 Environmental Health Science (3)

- PHC 4030 Introduction to Epidemiology (3)
- PHC 4101 Overview of Public Health Programs and Policies (3)
- PHY 2020 Conceptual Physics or PHY 2053/PHY 2053L General Physics I with Lab (3)
- PHY 2054 General Physics II (3)
- SPC 4930 Selected Topics (3)
- ZOO 4512 Sociobiology (3)

Communication Sciences & Disorders Cluster (courses recommended for students interested in pursuing graduate degrees in communication sciences)

- SPA 3002 Introduction to Communication Sciences and Disorders (3)
- SPA 3004 Introduction to Language Development and Disorders (3)
- SPA 3030 Introduction to Hearing Science (3)
- SPA 3101 Anatomy and Physiology of the Speech and Hearing Mechanism (3)
- SPA 4104 Neuroanatomy for Speech, Language and Hearing (3)

D3c. Health Information Technology Concentration: 10 courses; 30 credit hours

Select 10 courses (30 credit hours) from the following list of courses:

- HSC 4851 Health Sciences Internship (3)
- ISM 3113 Systems Analysis and Design (3)
- LIS 3261 Introduction to Information Science (3)
- LIS 3352 Interaction Design (3)
- LIS 3353 IT Concepts for Information Professionals (3)
- LIS 3361 World Wide Web Page Design and Management (3)
- LIS 3783 Information Architecture (3)
- LIS 4204 Information Behaviors (3)
- LIS 4365 Web Design Technologies (3)
- LIS 4380 Information and Social Media (3)
- LIS 4414 Information Policy and Ethics (3)
- LIS 4477 Clinical Decision Support (3)
- LIS 4482 Networks and Communication (3)
- LIS 4776 Health Information Technology (3)
- LIS 4779 Health Information Security (3)
- LIS 4785 Introduction to Health Informatics (3)
- LIS 4930 Selected Topics in Information Studies (3)
- PAD 4712 Managing Information Resources in the Public Sector (3)
- SPC 4930 Selected Topics (3)

D3d. Health Care Administration Concentration: 10 courses; 30 credit hours

Select 10 courses (30 credit hours) from the following list of courses:

- ACG 2071 Principles of Managerial Accounting (3)
- **ECP 3530 Economics of Health**
- **ENT 3503 Social Issues in Entrepreneurial Firms**
- GEY 4635 Business Management in an Aging Society (3)
- **HSA 3170 Healthcare Finance**
- HSC 4211 Health, Behavior and Society (3)
- HSC 4624 Foundations of Global Health (3)

- HSC 4630 Understanding U.S. Health Care (3)
- HSC 4631 Critical Issues in Public Health (3)
- HSC 4851 Health Sciences Internship (3)
- HSC 4933 Special Topics in Public Health (3)
- LIS 4930 Selected Topics in Information Studies (3)
- ISM 3011 Information Systems in Management
- MAN 3025 Principles of Management (3)
- MAN 3301 Human Resource Management
- MAN 3093 Healthcare Management
- MAR 4503 Consumer Behavior
- MAR 3400 Professional Selling
- MAR 4712 Healthcare Marketing
- MMC 4936 Selected Topics in Mass Communications Studies (3)
- PAD 3003 Introduction to Public Administration (3)
- PAD 4204 Public Financial Administration (3)
- PAD 4415 Personnel & Supervision in Today's Diverse Organizations (3)
- PAD 4712 Managing Information Resources in the Public Sector (3)
- PAD 4930 Selected Topics in Public Administration and Public Policy (3)
- PHC 4101 Overview of Public Health Programs and Policies (3)
- PHC 4931 Health Care Ethics (3)
- PHI 3636 Professional Ethics (3)
- PUP 4002 Public Policy (3)
- SYO 4400 Medical Sociology (3)

Two course with SPC, MMC, and/or COM prefixes may apply to this concentration:

- SPC 3710 Communication and Cultural Diversity (3)
- SPC 4930 Selected Topics (3)
 - Patient Provider Communication
 - Intercultural Health Communication

D3e. Social and Behavioral Health Sciences Concentration: 10 courses; 30 credit hours

Select 10 courses (30 credit hours) from the following list of courses:

- CLP 4143 Abnormal Psychology (3)
- COM 4020 Communicating Illness, Grief, and Loss (3)
- COM 4021 Family Communication and the End of Life (3)
- COM 4022 Health Communication (3)
- COM 4225 Global & Cultural Issues in Health Communication (3)
- COM 4702 Communication, Language, and Mental Illness (3)
- HSC 4172 Women's Health: A Public Health Perspective (3)
- HSC 4211 Health, Behavior and Society (3)
- HSC 4579 Foundations of Maternal and Child Health (3)
- HSC 4631 Critical Issues in Public Health (3)
- HSC 4933 Special Topics in Public Health (3)
- LIS 4776 Health Information Technology (3)
- LIS 4930 Selected Topics in Information Studies (3)
- MHS 4022 Adult Psychopathology in the Community (3)

- MHS 4452 Co-Occurring Disorders (3)
- MHS 4490 Behavioral Healthcare Issues for Children (3)
- PAD 4930 Selected Topics in Public Administration and Public Policy (3)
- PHI 4930 Selected Topics (3)
- SOP 4330 Social Psychology of HIV/AIDS (3)
- SOW 3102 Human Behavior and the Social Environment II (3)
- SOW 3203 Introduction to Social Work (3)
- SOW 3210 The American Social Welfare System (3)
- SPC 4305 Communicating Emotions (3)
- SPC 4321 Communication and Aging (3)
- SPC 4930 Selected Topics (3)
- SYO 4400 Medical Sociology (3)
- WST 4320 Politics and Issues in Women's Health (3)

Mental Health Cluster (courses for students interested in mental health professions)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services (3)
- MHS 4002 Behavioral Health Systems Delivery (3)
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment (3)
- MHS 4703 Legal, Ethical and Professional Issues in BHC (3)
- MHS 4931 Selected Topics (3)

Substance Abuse Cluster (courses for students interested in substance abuse counseling and treatment professions)

- MHS 3411 Multidisciplinary Behavioral Healthcare Services (3)
- MHS 4408 Exemplary Practices in Behavioral Healthcare Treatment (3)
- MHS 4703 Legal, Ethical and Professional Issues in BHC (3)
- MHS 4931 Selected Topics (3)
- PSB 3444 Drugs and Behavior (3)

Note: Special Topics courses are chosen in advance of registration, in coordination with an academic advisor.

D4. Sequenced Course of Study:

- An exclamation mark (!) is indicated for any course and/or placeholder that must be taken in sequence and/or in the semester listed.
- Course Type refers to how the course is utilized in the degree program, e.g., Supporting, Major Core, Business Foundation, etc. It also includes “placeholder” information such as: Civics Literacy Test, Apply for Graduation.
- General Education Course Type refers to the General Education core area the course meets.

D4a. 8-Semester Plan for FTIC Students

Fall 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total

!	ENC 1101		No	Yes	State Core General Education Communication	3
	PSY 2012		Yes	Yes	State Core General Education Social Sciences	3
	MAC 1105		Yes	Yes	State Core General Education Mathematics	3
	XXX XXXX		No	Yes	Enhanced General Education Human and Cultural Diversity	3
	HSC 2000	Major Core	No	No		3
Total Semester Credit Hours:						15

Spring 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
!	ENC 1102		No	Yes	Enhanced General Education	3
	BSC 2085		Yes	Yes	State Core General Education Natural Sciences	3
	BSC 2085L		Yes	No		1
	COM 2000 or SYG 2000 or GEY 2000 or ANT2511 or ACG 2021 or ECO 2023 or ANT 2402 or COM 2130	Outside the Major Course	No	No		3
	XXX XXXX		No	Yes	Enhanced General Education Information and Digital Literacy	3
	DEP 2004		Yes	No		3
Total Semester Credit Hours:						16

Summer 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
		Placeholder: Apply for an Internship				
Total Term Credit Hours:						0

Fall 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total

	CLT 3040	Major Core	No	No		3
	STA 2023		Yes	Yes	State Computation	3
	ENC 2210		Yes	No		3
	XXX XXXX		No	Yes	State Core General Education Humanities	3
Total Semester Credit Hours:						12

Spring 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	BSC XXXX		Yes	No		3
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		2
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Semester Credit Hours:						14

Summer 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
Total Term Credit Hours:						6

Fall 3						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	PHI 3633 or CLP 4620	Ethics Course	No	No		3
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
Total Semester Credit Hours:						12

Spring 3						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX		No	Yes	Enhanced General Education Creative Thinking	3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3

Total Semester Credit Hours:	15
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Summer 3						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
Total Term Credit Hours:						6

Fall 4						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX		No	Yes	Enhanced General Education Ethical Reasoning and Civic Engagement	3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
Total Semester Credit Hours:						12

Spring 4						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	General Education Course Type	Total
	XXX XXXX		No	Yes	Enhanced General Education High Impact Practice	3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Semester Credit Hours:						12

Total Degree Program Credit Hours:	120
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D5b. 4-Semester Plan for FCS AA Transfer Students

Fall 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	HSC 2000	Major Core	No	No		3
	CLT 3040	Major Core	No	No		3
	PHI 3633 or CLP 4620	Ethics Course	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Semester Credit Hours:						15

Spring 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	Upper-Level Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Semester Credit Hours:						12

Summer 1						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
Total Term Credit Hours:						6

Fall 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	COM 2000 or SYG 2000 or GEY 2000 or ANT2511 or ACG 2021 or ECO 2023 or ANT 2402 or COM 2130	Outside the Major Course	No	No		3
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	General/Unrestricted Elective	No	No		3
Total Semester Credit Hours:						12

Spring 2						
!	Current Course Prefix and Number	Course Type	State Mandated Common Prerequisite	Enhanced General Education Requirement	Intentionally Left Blank	Total
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
	XXX XXXX	Major Elective	No	No		3
Total Semester Credit Hours:						15

Total Credit Hours:						60
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ADDITIONAL REQUIREMENTS:

- Unless stated otherwise, a grade of "C-" is the minimum acceptable grade.

NOTES:

- Discontinuing current concentrations in: Communication Sciences and Disorders, Public Health, and Integrated Health Sciences concentrations.
- No changes in the State Mandated Common Prerequisite courses.
- Do not anticipate any significant increase in students and the student to faculty ratio post consolidation is expected to be stable.