

School of Health Sciences

*School of Health Sciences Dean
Communication Sciences and*

Noma Anderson

*Disorders
Health Information Management
Health Sciences
Occupational Therapy
Physical Therapy*

Eliane Ramos, Interim

Sandra McDonald

Barbara Anderson

Patricia Scott

Helen Cornely

The School of Health Sciences offers programs of professional study in select health professions. The academic departments of the School offer courses of study leading to a baccalaureate degree in Health Information Management and Health Sciences. Master's degrees are offered in Occupational Therapy, Physical Therapy, and Speech-Language Pathology. All degree programs are appropriately accredited by their respective professional accrediting bodies.

The goals of the School of Health Sciences are to:

1. Prepare competent health professionals to meet the needs of the local community and the world at large.
2. Promote close articulation between the appropriate programs and the community clinical sites for the experiential learning of our students.
3. Increase the knowledge base of the health disciplines through research.
4. Provide service to the health professions at the local, regional, national and/or international levels.

College Policies

Background checks and drug screenings:

The practicum/field placement sites used by some of the programs in the College of Health and Urban Affairs require the disclosure of conviction records for misdemeanors and/or felonies and current screening for drug use. Therefore, students are often required to submit to state and federal background checks and drug screening tests prior to the initiation of the clinical education portion of their education. The student will be responsible for the financial cost of such screenings. Findings in background checks and/or drug screening tests may affect a student's ability to participate in clinical experiences and complete the program, and/or obtain licensure.

Standard disclaimer on policy/procedure changes:

NOTE: Florida International University and the College of Health and Urban Affairs policies, procedures, requirements and regulations are continually subject to review in order to serve the needs of the University/School's public and to respond to the mandates of the Florida Board of Education, Board of Governors, the Legislature, our clinical placement sites, and the accrediting agencies that accredit our various professional programs. Changes in programs, policies, requirements, and regulations may be made without advance notice.

Interdisciplinary Courses

The School of Health Sciences offers interdisciplinary courses open to all students in the university. The current courses being offered are:

HSA 4190 Information and Communication Technology for Health Professionals (3). This online course assists the student in developing information and communication skills using the Internet. It demonstrates the use of technology in clinical practice, research and education. Prerequisite: CGS 3559.

HSC 1001C Perspectives of Health Science Professions (3). A study of public health issues, disease, preventive medicine and wellness as they relate to nutrition, physical and occupational therapy. Utilizes lab and field work.

HSC 2100 Healthy Lifestyles through Wellness (3). A survey of wellness issues including preventive health care, substance abuse prevention, stress management, sexually transmitted diseases, psychological illness, nutrition and exercise.

HSC 2135 Sexual Issues in Public Health (3). Public Health policy and its relation to understanding sexual health and the variety of factors that affect individual's sexual lives.

HSC 3002 Introduction to Health Science Professions (3). Introduction to health care and health science professions in the US including history, delivery systems, financial and ethical issues. Students are required to complete a service learning project.

HSC 3531 Medical Terminology (3). Provides the student with basic medical language skills including, pronunciation, spelling, and definitions as a foundation for developing the degree of competency required to read and understand medical reports and communicate with physicians and other medical professionals. Prerequisites: Human Anatomy and Physiology. (F,S)

HSC 3549 Clinical Physiology for Health Professionals (3). An integrated, systems-based approach to the study of human physiology with relevant clinical correlations and case studies. Prerequisites: CHM 1033 or CHM 1045; BSC 2023 or BSC 1010; HSC 3531 or permission of the instructor.

HSC 3579 Wellness of Women (3). Concepts relating to women's health, including sexuality, preventative health care, nutrition, exercise, reproductive diseases and the social/political health care of women.

HSC 3661 Communication Theory and Practice for Health Professions (3). Theory and practice of effective communication for health care professionals. Emphasis on communication between healthcare provider-client; provider-provider; provider-family. Prerequisite: HSC 3002.

HSC 3701 Leadership and Management in Health Science Professions (3). Introduces health sciences profession students to the generic principles of leadership and management for effective and efficient functioning in the health care arena.

HSC 4500 Principles of Applied Epidemiology (3). Methods and techniques used by epidemiologists investigating the distribution and causes of diseases are

studied. A holistic approach to principles of disease surveillance and control is studied. Prerequisite or Corequisite: HSA 3103.

HSC 4553 Fundamentals of Pathology (3). Study of human diseases/disorders of the immune, cardiovascular, hematopoietic, central nervous, musculoskeletal, respiratory, urinary/reproductive, gastrointestinal and endocrine systems. Prerequisites: BSC 1010 or BSC 2023, HSC 3549, HSC 3531.

HSC 4905 Health Independent Study (3). Faculty supervised project in health-related topics in association with the student's special interests.

HSC 4910 Introduction to Research Methods in the Health Sciences (3). Introduces the student to the research process in an interdisciplinary, multidisciplinary health sciences environment. Prerequisites: STA 2122, CGS 2060.

Bachelor of Science in Health Sciences

The School of Health Sciences offers three tracks in the Bachelor of Science in Health Sciences degree. The general BS in Health Sciences (BSHS) provides an interdisciplinary curriculum designed to prepare students for entry into graduate or professional health related programs such as medicine, dentistry, speech-language pathology, pharmacy, and public health. It also provides career advancement opportunities for health professionals with associate degrees. The BS in Health Sciences/Pre Physical Therapy (BSHS/PT) is a specialized track for students who are intending to apply to a graduate program in Physical Therapy upon completion of their BS degree. The BS in Health Sciences/Pre Occupational Therapy (BSHS/OT) track prepares students for entry into the Master of Science in Occupational Therapy program.

Bachelor of Science in Health Sciences

Health Science Track

The BSHS program is specifically designed to meet the needs of students interested in a variety of health related professions. The program combines basic sciences with interdisciplinary health courses and can serve as excellent preparation for students interested in professional programs in medicine, dentistry, pharmacy or physician assistance. The BSHS degree can also serve as the foundation for entry into graduate programs in Speech-Language Pathology or Public Health. Graduates with Associate of Science degrees in fields such as respiratory care, dental hygiene or radiography can also complete their Bachelor's degree in Health Sciences.

Students pursuing the BSHS are required to complete a Health Core and a Multidisciplinary Health Core. The Cores are designed to provide an understanding of the interchange and relationships of the health care practitioner with his/her professional environment. The interdisciplinary nature of the curriculum promotes the concept of teamwork in health care by encouraging students to share their experiences and ideas with classmates from different disciplines. In conjunction with the Cores, students may select 18 credits in an area of concentration to meet their career objectives.

Students must satisfy University entrance requirements and submit a FIU application. The BSHS program can be

completed full or part time and can be started any semester.

Degree Program Hours: 120

Lower Division Requirements (60)

Applicants must meet all the lower division requirements for admission to undergraduate programs as established by the State University System of Florida and Florida International University.

Prerequisites (*or approved substitutes) Must earn a grade of 'C' or better.

Human Biology and/or Anatomy with Labs	8*
Chemistry and/or Microbiology with Labs	8*
HUN 2201 Principles of Nutrition	3*
CGS 2060 Introduction to Microcomputers ¹	3*
STA 3145 Statistics for Health Professions	3
or	
STA 2122 Introduction to Statistics	3*
HSC 2100 Healthy Lifestyles Through Wellness	3*

¹ or pass computer competency test

Upper Division Requirements (60) Must earn a grade of 'C' or better

Health Core (18):

HSC 3002 Introduction to Health Professions	3
HSC 3531 Medical Terminology	3
HSC 3549 Clinical Physiology for Health Professionals	3
HSC 3701 Leadership & Management in Health Science Professions	3
HSC 4553 Fundamentals of Pathology	3
HSC 4910 Introduction to Research Methods	3

Multidisciplinary Health Core (24)

SOW 3801 Self-Awareness and Self-Modification for Practice	3
SYO 3400 Medical Sociology ¹	3
IHS 4111 Values/Ethics & Conflict Resolution ²	3
URS 3438 Communication Skills for Policy & Mgt ³	3
HSA 4150 People, Power and Politics in Healthcare	3
HSA 4421 Legal Aspects and Legislation in Healthcare	3
HSA 3103 Health & Social Service Delivery Systems	3
CLP 4314 Psychology of Health and Illness	3

¹ or SYO 3401

² or REL 3180 or PHI 4633

³ or HSA 4190

or CLP 4144, DEP 3115, DEP 3305, DEP 3404, DEP 4032, DEP 4164 or CLP 4464

Concentration/Electives (18)

Students, with the assistance of an advisor, may choose 18 credit hours in a specific concentration such as speech language pathology, nutrition, health services administration, education, **OR** they may select courses to satisfy graduate school prerequisites.

Bachelor of Science in Health Sciences

Pre Physical Therapy Track

The BSHS/PT program is designed for students who ultimately intend to complete a Master's or Doctorate in Physical Therapy. The curriculum includes physical therapy prerequisites and upper division courses which

provide a solid foundation for successful completion of a graduate physical therapy program. Completion of the BSHS/PT degree does NOT guarantee admission into the Masters in Physical Therapy Program. Graduates of the BSHS/PT program are not eligible for licensure as a PT or a PTA.

Students must satisfy University entrance requirements and submit a FIU application. The BSHS/PT program can be completed full or part time and can be started any semester.

Lower Division Requirements (60)

Applicants must meet all the lower division requirements for admission to undergraduate programs as established by the State University System of Florida and Florida International University.

Prerequisites (must earn a grade of 'C' or better)

General Chemistry with Labs	8
General Biology with Labs	8
Physics with Labs	8-10
Statistics	3
Psychology	3
Developmental Psychology	3

Upper Division Requirements (60)

HSC 3002	Introduction to Health Science Professions	3
HSC 3531	Medical Terminology	3
HSC 3549	Clinical Physiology for Health Professionals	3
HSC 3701	Leadership and Management in the Health Science Professions	3
HSC 4553	Fundamentals of Pathology	3
HSC 4910	Introduction to Research Methods	3
SYO 3401	Sociology of Health Behavior*	3
REL 3180	Medical and Bioethics*	3
HSC 3661	Comm Theory in CI Practice	3
SOP 4834	Psychology of Health and Illness	3
HSA 4190	Information and Communication Technology	3
ZOO 3731/L	Human Anatomy with Lab	4
PHT 4936	Current Topics in Physical Therapy	3
PHT 4012	Intro to Physical Disability and PT I	3
PHT 4013	Intro to Physical Disability and PT II	3
PHT 5505C	Physical Therapy Constructs of Health	3
Approved Electives		8

* or approved substitution

Course Descriptions

Definition of Prefixes

PHT-Physical Therapy

F-Fall semester offering; S-Spring semester offering; SS-Summer semester offering.

PHT 4012 Introduction to Physical Disability and Physical Therapy I (3). The first of a two course sequence designed to provide a comprehensive introduction to physical disability and the role of the physical therapist in the management of disability. Prerequisites: Admission to BSHS/ Pre-physical therapy track or permission of the instructor.

PHT 4013 Introduction to Physical Disability and Physical Therapy II (3). The second of a two course

sequence designed to provide a comprehensive introduction to physical disability and the role of physical therapist in the management of disability. Prerequisites: Intro to Disability and PT I or permission of the instructor.

Bachelor of Science in Health Sciences

Occupational Therapy Track

In 1999 the American Occupational Therapy Association passed a resolution mandating post baccalaureate entry level education for occupational therapy. As of January 2007 successful completion of a post baccalaureate degree program (MS) will be required in order to qualify an individual to sit for the National Board for Certification in Occupational Therapy (NBCOT) certification examination. The BSHS/OT program prepares students for entry into the MS in Occupational Therapy program. Graduates of the BSHS/OT program with a GPA of 3.0 are eligible for admission to the MSOT program which can be completed in four semesters. The BSHS/OT program is a limited access program that begins only in the Fall semester. Students must submit an application to FIU and directly to the department. Applicants must have a minimum cumulative GPA of 2.8 and completion of all prerequisites prior to starting the program. Applications are accepted beginning January 5 each year. Graduates of the BSHS/OT program are not eligible for licensure as an OT or OTA. Completion of the BSHS/OT degree does NOT guarantee admission into the Masters in Occupational Therapy Program.

For details about the BSHS/OT program see the Occupational Therapy section of this catalog or go to: www.chua2.fiu.edu/healthsciences.