

PRE-PHYSICAL THERAPY

The Health Science program leading to the Bachelor of Health Science (BHS) degree includes didactic and experiential activities for students to learn the foundation skills necessary for success in the dynamic health environment.

About this Program

- **College:** Public Health and Health Professions (<http://catalog.ufl.edu/UGRD/colleges-schools/UGPBH/>)
- **Degree:** Bachelor of Health Science
- **Specializations:** General Health Science (http://catalog.ufl.edu/UGRD/colleges-schools/UGPBH/HES_BHS/HES_BHS01/) | Occupational Therapy Accelerated (http://catalog.ufl.edu/UGRD/colleges-schools/UGPBH/HES_BHS/HES_BHS02/) | Pre-Occupational Therapy (http://catalog.ufl.edu/UGRD/colleges-schools/UGPBH/HES_BHS/HES_BHS07/) | Pre-Physical Therapy (p. 1) | Preprofessional (http://catalog.ufl.edu/UGRD/colleges-schools/UGPBH/HES_BHS/HES_BHS06/)
- **Credits for Degree:** 120

To graduate with this major, students must complete all university, college, and major requirements.

Department Information

The Bachelor of Health Science (BHS) program is a limited access program designed for students whose career goal is to work in the health professions providing service to individuals and communities. BHS students are typically pursuing health related professions such as medicine, physician assistant, physical therapy, occupational therapy, audiology, speech-language pathology, dentistry, epidemiology, or public health.

Website (<https://bhs.phhp.ufl.edu/>)

CONTACT

Email (advising@phhp.ufl.edu) | 352.273.6379

1225 Center Drive

3189 HPNP BUILDING

GAINESVILLE FL 32610

Map (<http://campusmap.ufl.edu/#/index/0212>)

Curriculum

- Disability Science Minor
- Health Science
- Health Science Minor

Related Programs

- Public Health

The program has two major goals: to teach foundational skills to students whose career goal is to work in health care, particularly for those who want to become health care providers, and to teach foundational skills to students who want to work with individuals, groups or communities who face social, economic or health challenges. In addition, interested students have the opportunity to explore a combination-degree program in public health.

Specializations

The college offers five specializations in the freshman and sophomore years:

General Health Science

For students who want to work in a health care field not mentioned in the other specializations below. The number of electives allowed in this specialization affords the student the opportunity to incorporate a range of prerequisites for different career paths.

Occupational Therapy Accelerated

A combination-degree program that allows students to take first-year Doctor of Occupational Therapy (OTD) Program courses during their junior and senior years in the health science program.

Pre-Physical Therapy

Offers a suggested prerequisite course sequence for students interested in pursuing entry-level physical therapy education at the graduate/professional level.

Pre-Occupational Therapy

Offers the core health science curriculum plus prerequisites necessary for the Doctor of Occupational Therapy program at UF.

Preprofessional

For students pursuing careers in fields such as medicine, physician assistant and dentistry, all of which require significant basic science prerequisites. This specialization is set up to integrate commonly required preprofessional courses with requirements for the health science major.

The General Health Science, Preprofessional and Pre-Physical therapy specializations collapse into one track beginning in the junior year and follow the same core curriculum, focusing on the health care system, different diseases and disabilities, the role of the health care provider in prevention and treatment, research methods and understanding core public health concepts. The senior year focuses on patient provider communication, effective leadership and critical-thinking skills important to clinical problem solving and the bioethical and legal issues affecting health care.

Regardless of specialization selected, students complement core courses with electives to round out their academic skills and interests.

Upon successful completion of the Health Science program, students receive the Bachelor of Health Science degree. While the majority of students pursue graduate or professional training in a health field (e.g. occupational therapy, physical therapy, medicine, physician assistant, health administration, dentistry, public health), some students seek employment in hospital or related community organizations after completing the BHS.

Course Sequence

While all specializations are designed for students interested in health care, students should select the specialization that most closely approximates their career plans and overall academic performance. Included in specific tracks are typical prerequisites for UF graduate and professional programs.

All course specializations in the health science program require a minimum 3.0 overall and prerequisite GPA for admission at the junior level.

Each specialization incorporates General Education Mathematics and Writing Requirements and Health Science prerequisites. All specializations accept AP, IB, or AICE credit for any prerequisite course. Students must earn a minimum of C in any BHS prerequisite course that is not satisfied by AP/IB/AICE credit.

While students can use AP/IB/AICE credit to satisfy BHS prerequisites, students should be aware that graduate/professional programs may not accept AP/IB/AICE credits in lieu of letter grades for their respective prerequisites. Students should consult a college advisor if they need assistance or have questions about a specific course schedule.

Pre-Physical Therapy

Physical therapy is a doctoral-level program. Listed below is the suggested undergraduate prerequisite course sequence. For a description of the program and additional information, please refer to the Department of Physical Therapy.

Course Sequence

The following course sequence permits completion of general education requirements and UF health science and physical therapy prerequisites.

To be admitted to the pre-PT track, students must meet the health science critical-tracking criteria each semester, beginning with the first Fall or Spring term.

To be *considered* for admission at the junior level, students must:

- Remain on track each Fall and Spring term, for a total of four semesters.
- Complete the following prerequisites or equivalents by the end of the fourth semester:

Code	Title	Credits
BSC 2010	Integrated Principles of Biology 1	3
PSY 2012	General Psychology	3
STA 2023	Introduction to Statistics 1	3
CLP 3144 or DEP 3053	Abnormal Psychology Developmental Psychology	3
APK 2105C	Applied Human Physiology with Laboratory	4
ENC 3453 or ENC 2210	Writing in the Health Professions Technical Writing	3

The online application to the BHS program goes live as a link on the BHS website (<http://bhs.php.ufl.edu/>) in November. Apply formally to the college by the February 1 deadline. Transfer students must apply separately to UF and to the college so they must submit two different applications.

Off-track UF freshmen and sophomores must speak with a college advisor before registering for the next semester and prior to applying for junior-year admission consideration.

Critical Tracking

Critical Tracking records each student's progress in courses that are required for entry to each major. Please note the critical-tracking requirements below on a per-semester basis.

Equivalent critical-tracking courses as determined by the State of Florida Common Course Prerequisites (<https://cpm.flvc.org/advance-search/>) may be used for transfer students.

Semester 1

- Complete ENC 1101 or ENC 1102
- Complete MAC 1140 or MAC 1147 with a minimum grade of C
- Complete PSY 2012 with a minimum grade of C
- Complete 9 credits of General Education courses, including ENC 1101 or higher, with minimum grades of C
- 2.3 GPA on work from all institutions

Semester 2

- Complete ENC 1102 with a minimum grade of C
- Complete BSC 2010 with a minimum grade of C
- Complete STA 2023 or DEP 3053 with a minimum grade of C
- Complete 9 additional credits of General Education courses for a total of 18
- 2.7 GPA on work from all institutions

Semester 3

- Complete APK 2105C, BSC 2010, DEP 3053, STA 2023 with minimum grades of C
- Complete 9 additional credits of General Education courses for a total of 27
- 3.0 GPA required for all critical-tracking courses, based on all attempts
- 3.0 cumulative GPA on work from all institutions

Semester 4

- Complete HSC 2000 with a minimum grade of C (recommended)
- Complete all General Education courses, including a Quest 1 course and all State Core Gen Ed courses
- Complete the university Writing Requirement, which must include ENC 3453 or a substitution approved by a PPHP advisor
- Complete 60 cumulative credits
- Complete all critical-tracking courses with no grades below C and with a 3.0 critical-tracking GPA
- 3.0 cumulative GPA on work from all institutions

Semester 5

- Complete HSA 3111 with a minimum grade of C
- Complete HSC 3502 with a minimum grade of C
- Complete PHC 4101 with a minimum grade of C

Semester 6

- Complete HSC 3057 with a minimum grade of C
- Complete HSC 4558 with a minimum grade of C
- Complete OTH 3416 with a minimum grade of C
- Complete 3 credits of College Approved Electives

Semester 7

- Complete HSC 3661 with a minimum grade of C
- Complete RCS 4415L with a minimum grade of C
- Complete HSC 4184 with a minimum grade of C

Semester 8

- Complete HSC 4608L with a minimum grade of C
- Complete HSC 4652L with a minimum grade of C
- Complete HSC 4008 with a Satisfactory grade
- Complete 9 credits of College Approved Electives

Model Semester Plan

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold. These courses must be completed by the terms as listed above in the Critical Tracking criteria.

This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.

Course	Title	Credits
Semester One		
Quest 1 (Gen Ed Humanities)		3
Select one:		3
ENC 1101	Expository and Argumentative Writing (Critical Tracking ; State Core Gen Ed Composition; Writing Requirement)	
ENC 1102	Argument and Persuasion (Critical Tracking ; State Core Gen Ed Composition; Writing Requirement)	
MAC 1147	Precalculus Algebra and Trigonometry (Critical Tracking ; State Core Gen Ed Mathematics)	4
PSY 2012	General Psychology (Critical Tracking ; State Core Gen Ed Social and Behavioral Sciences)	3
Credits		13
Semester Two		
BSC 2010 & 2010L	Integrated Principles of Biology 1 and Integrated Principles of Biology Laboratory 1 (Critical Tracking ; State Core Gen Ed Biological Sciences)	4
CHM 2045 & 2045L	General Chemistry 1 and General Chemistry 1 Laboratory (Gen Ed Physical Sciences)	4
ENC 1102	Argument and Persuasion (Critical Tracking ; Gen Ed Composition; Writing Requirement)	3
DEP 3053	Developmental Psychology (Critical Tracking)	3
Credits		14
Summer After Semester Two		
CHM 2046 & 2046L	General Chemistry 2 and General Chemistry 2 Laboratory (Critical Tracking ; Gen Ed Physical Sciences)	4
STA 2023	Introduction to Statistics 1 (Critical Tracking ; State Core Gen Ed Mathematics)	3
Credits		7
Semester Three		
Quest 2 (Gen Ed Social and Behavioral Sciences; Critical Tracking ; with International or Diversity)		3
APK 2105C	Applied Human Physiology with Laboratory (Critical Tracking)	4
ENC 3453	Writing in the Health Professions (Critical Tracking ; Writing Requirement)	3
State Core Gen Ed Humanities (Critical Tracking ; with International or Diversity)		3
Elective		1
Credits		14
Semester Four		
APK 2100C	Applied Human Anatomy with Laboratory	4
PHY 2053 & 2053L	Physics 1 and Laboratory for Physics 1	5
Writing elective (Critical Tracking ; 6,000 words; Writing Requirement)		3
Credits		12
Semester Five		
HSA 3111	US Health Care System (Critical Tracking) ¹	3
HSC 3502	Survey of Diseases and Disability (Critical Tracking) ¹	3
PHC 4101	Public Health Concepts (Critical Tracking) ¹	3
Electives (3000/4000 level)		6
Additional courses that prepare students for future professional programs are listed, but are not included in the health science program total credit count.		
PHY 2054	Physics 2	

PHY 2054L	Laboratory for Physics 2	
Credits		15
Semester Six		
HSC 3057	Research Methods and Issues in Health Science (Critical Tracking) ¹	3
HSC 4558	Survey of Diseases and Disabilities 2 (Critical Tracking) ¹	3
OTH 3416	Pathophysiology ¹	3
College Approved Elective (Critical Tracking) ¹		3
Elective (3000/4000 level)		3
Credits		15
Semester Seven		
HSC 3661	Therapeutic Communication Skills with Patients, Families and the Health Care Team (Critical Tracking) ¹	2
HSC 4184	Health Care Leadership: Skills and Styles (Critical Tracking) ¹	3
RCS 4415L	Therapeutic Communication Skills Laboratory (Critical Tracking) ¹	1
Electives (3000/4000 level)		9
Credits		15
Semester Eight		
HSC 4008	Professional Development for the Health Sciences (Critical Tracking) ¹	1
HSC 4608L	Critical Thinking in Health Care (Critical Tracking) ¹	4
HSC 4652L	Ethical and Legal Issues in the Health Professions (Critical Tracking) ¹	3
College Approved Electives (Critical Tracking) ¹		6
Elective (3000/4000 level)		1
Credits		15
Total Credits		120

¹ Minimum grade of C required.

For semesters 5-8, students must enroll in all semesters and take all core courses in the term/order indicated.

Academic Learning Compact

The Bachelor of Health Science prepares students for a career in health care systems or organizations that provide health or general human services to individuals/communities with health concerns. Students will learn the foundational interprofessional skills necessary to succeed in the dynamic healthcare environment and/or enter postbaccalaureate academic programs such as medicine, physical therapy, and public health.

Before Graduating Students Must

- Receive a satisfactory grade (S) in the BHS capstone portfolio.
- Complete requirements for the baccalaureate degree, as determined by faculty.

Students in the Major Will Learn to

Student Learning Outcomes | SLOs

Content

1. Describe key elements of the US healthcare system.
2. Comprehensively describe major chronic illnesses and disabilities.
3. Describe the core functions of public health.
4. Apply knowledge and application of core bioethical principles to contemporary health issues.
5. Develop appropriate professional behaviors for health careers.

Critical Thinking

6. Develop and apply critical analysis skills to contemporary health issues.

Communication

7. Apply effective basic communication skills for health professionals.

Curriculum Map

I = Introduced; R = Reinforced; A = Assessed

Courses	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO 6	SLO 7
HSA 3111	I, R						
HSC 3057						I	
HSC 3502		I, R	I				
HSC 3661							I, R, A
HSC 4184					R		
HSC 4558		I, R	I				
HSC 4608L	R				R	I, R, A	R
HSC 4652L			I, R	R			R
OTH 3416		I, R					
PHC 4101		I, R	I, R			I	
RCS 4415L					I		I
Capstone Exam	A	A	A	A	A	A	A

Assessment Types

- Assignment
 - The Bachelor of Health Science (BHS) capstone exam in the final semester
 - The degree candidate's exit survey
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