PRE-REHABILITATION

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:** Applied Brain Science (http://catalog.ufl.edu/UGRD/colleges-schools/UGPBH/HES_BHS/HES_BHS08/) | Occupational Therapy Accelerated (http://catalog.ufl.edu/UGRD/colleges-schools/UGPBH/HES_BHS/HES_BHS02/) | Pre-Rehabilitation (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 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://undergrad.phhp.ufl.edu/)

CONTACT

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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 four specializations. All specializations except Occupational Therapy Accelerated can be declared at the freshman or sophomore years.

Applied Brain Sciences

Offers a suggested prerequisite course sequence for students interested in pursuing training in clinical psychology and neuropsychology, applied human neuroscience, or brain-health focused medical specialties (e.g., psychiatry, neurology).

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-Rehabilitation

Accommodates students interested in rehabilitation health care fields (e.g., occupational therapy, physical therapy).

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.
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.

Each specialization incorporates General Education Mathematics and Writing Requirements and Health Science critical tracking courses. All specializations accept AP, IB, or AICE credit for any prerequisite course. However, many professional schools have their own policies regarding test credit, and it is the responsibility of the student to determine whether a course for which they have earned AP/IB/AICE credit must be retaken to meet professional school requirements. Students must earn a minimum of C in any BHS critical tracking course that is not satisfied by AP/IB/AICE credit unless otherwise specified.

Pre-Rehabilitation

The Pre-Rehabilitation specialization is designed to accommodate students interested in rehabilitation health care fields (e.g., occupational therapy, physical therapy).

To remain in the Health Science major, students must:

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

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>APK 2105C</td>
<td>Applied Human Physiology with Laboratory</td>
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<tr>
<td>BSC 2005 &amp; 2005L</td>
<td>Biological Sciences and Laboratory in Biological Sciences</td>
<td>4</td>
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<td>BSC 2010 &amp; 2010L</td>
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<td>STA 2023</td>
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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 PSY 2012 with a minimum grade of C
- 2.8 cumulative GPA on work from all institutions

Semester 2

- Complete STA 2023 with a minimum grade of C
- 3.0 GPA required for all critical-tracking courses, based on all attempts
- 3.1 cumulative GPA on work from all institutions

Semester 3

- Complete (BSC 2005 and BSC 2005L) or (BSC 2010 and BSC 2010L) with minimum grade of C
- 3.0 GPA required for all critical-tracking courses, based on all attempts
- 3.2 cumulative GPA on work from all institutions

Semester 4

- Complete APK 2105C with a minimum grade of C
- Complete 60 cumulative credits
- 3.0 GPA required for all critical-tracking courses and minimum grades of C on all critical-tracking courses, based on all attempts unless otherwise noted.
- 3.2 cumulative GPA on work from all institutions
All General Education requirements, including State Core, International (N) and Diversity (D), the University Writing Requirement, and the civic literacy requirement, must be completed prior to the graduating semester.

**Semester 5**
- Complete PHC 4101 with a minimum grade of C
- Complete HSA 3111 with a minimum grade of C
- Complete HSC 3057 with a minimum grade of C
- 2.0 UF GPA required

**Semester 6**
- Complete HSC 3502 with a minimum grade of C
- Complete OTH 3416 with a minimum grade of C
- 2.0 UF GPA required

**Semester 7**
- Complete HSC 3661 with a minimum grade of C
- Complete HSA 4393 with a minimum grade of C
- Complete OTH 3413C with a minimum grade of C
- 2.0 UF GPA required

**Semester 8**
- Complete HSC 4541 with a minimum grade of C
- Complete SPA 4106 with a minimum grade of C
- Complete OTH 4412 and OTH 4412L with a minimum grade of C
- 2.0 UF GPA required

**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 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.
Pre-Rehabilitation

BSC 2010 & 2010L
Integrated Principles of Biology 1 and Integrated Principles of Biology Laboratory 1 (Critical Tracking; State Core Gen Ed Biological Sciences; if pre-OT or pre-PT)
Gen Ed Social and Behavioral Sciences (additional advanced psychology recommended) 3
Electives (CHM 204S and CHM 204SL if pre-PT) 4
Credits 15

Semester Four
Quest 2 3
APK 2105C Applied Human Physiology with Laboratory (Critical Tracking; Gen Ed Biological Sciences) 4
Select one:
  ANT 2000 General Anthropology (if pre-OT)
  or SYG 2000 Principles of Sociology
  CHM 2046 General Chemistry 2
  & 2046L and General Chemistry 2 Laboratory (if pre-PT)
6000-word writing course (with International or Diversity; Writing Requirement) 3
Elective 2
Credits 15-16

Semester Five
HSA 3111 US Health Care System (Critical Tracking) 1
HSC 3057 Research Methods and Issues in Health Science (Critical Tracking) 1
PHC 4101 Public Health Concepts (Critical Tracking; must complete by end of Semester Five) 1
Electives (PHY 2053 Physics 1 and PHY 2053L Laboratory for Physics 1 if pre-PT) 6
Credits 15

Semester Six
HSC 3502 Survey of Diseases and Disability (Critical Tracking) 1
OTH 3416 Pathophysiology (Critical Tracking) 1
6000-word writing course (Writing Requirement) 3
Electives (PHY 2054 Physics 2 and PHY 2054L for Physics 2 if pre-PT) 6
Credits 15

Semester Seven
HSC 3661 Therapeutic Communication Skills with Patients, Families and the Health Care Team (Critical Tracking) 1
HSA 4393 Wearable Technology, Robotics, and Artificial Intelligence for Health (Critical Tracking) 1
OTH 3413C Applied Kinesiology (Critical Tracking) 1
Electives (HSC 3537 recommended) 6
Credits 15

Semester Eight
HSC 4541 Musculoskeletal Assessment in Rehabilitation (Critical Tracking) 1
OTH 4412 Musculoskeletal Anatomy
& 4412L and Musculoskeletal Anatomy Laboratory (Critical Tracking) 1
SPA 4106 Neuroplasticity and Rehabilitation (Critical Tracking) 1
Electives 4
Credits 15

Total Credits 120

1 Minimum grade of C required.

Pre-OT and Pre-PT students should review the requirements for programs of interest to make sure all prerequisite courses are taken.

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.

Critical Thinking
4. Develop and apply critical analysis skills to contemporary health issues.

Communication
5. Apply effective basic communication skills for health professionals.

Curriculum Map

\[ I = Introduced; \ R = Reinforced; \ A = Assessed \]

<table>
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<th>Courses</th>
<th>SLO 1</th>
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Assessment Types
- Assignment
- The Bachelor of Health Science (BHS) capstone exam in the final semester