HEALTH SCIENCE | 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
- **Degree:** Bachelor of Health Science
- **Credits for Degree:** 120
- **Specializations:** General Health Science | Pre-Occupational Therapy | Pre-Physical Therapy | Preprofessional
- **Additional Information**
- **Related Health Science Programs**

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

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 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 IUF 1000 and all state core courses
- Complete the university writing requirement, which must include ENC 3453 or a substitution approved by a PHHP 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

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>Semester One</td>
<td>CHM 1025 Introduction to Chemistry</td>
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<td>Select one:</td>
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<td></td>
<td>ENC 1101 Expository and Argumentative Writing (Critical Tracking; State Core Gen Ed Composition; Writing Requirement)</td>
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<tr>
<td></td>
<td>ENC 1102 Argument and Persuasion (Critical Tracking; State Core Gen Ed Composition; Writing Requirement)</td>
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<td>IUF 1000 What is the Good Life (Gen Ed Humanities)</td>
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<td>Select one:</td>
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<td>MAC 1140 Precalculus Algebra (Critical Tracking; State Core Gen Ed Mathematics)</td>
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<td>MAC 1147 Precalculus Algebra and Trigonometry (Critical Tracking; State Core Gen Ed Mathematics)</td>
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<td>PSY 2012 General Psychology (Critical Tracking; State Core Gen Ed Social and Behavioral Sciences)</td>
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<tr>
<td>Credits</td>
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</table>

Semester Two
- Complete IUF 1000
- Complete BSC 2010 & 2010L Integrated Principles of Biology 1 and Integrated Principles of Biology Laboratory 1 (Critical Tracking; State Core Gen Ed Biological Sciences)
- Complete CHM 2045 & 2045L General Chemistry 1 and General Chemistry 1 Laboratory (Gen Ed Physical Sciences)
- Complete ENC 1102 Argument and Persuasion (Critical Tracking; Gen Ed Composition; Writing Requirement)
- Complete STA 2023 Introduction to Statistics 1 (Critical Tracking; Gen Ed Mathematics)
- Complete DEP 3053 Developmental Psychology (Critical Tracking; State Core Gen Ed Humanities (Critical Tracking; Writing Requirement))

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<thead>
<tr>
<th>Course</th>
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<tr>
<td>Select one:</td>
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<td>STA 2023</td>
<td>Introduction to Statistics 1 (Critical Tracking; Gen Ed Mathematics)</td>
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<td>Developmental Psychology (Critical Tracking)</td>
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</table>

| Credits      |                                                                     | 17      |
Summer After Semester Two
CHM 2046 General Chemistry 2 and General Chemistry 2 Laboratory (Critical Tracking; Gen Ed Physical Sciences) 4

Semester Three
APK 2105C Applied Human Physiology with Laboratory (Critical Tracking) 4
Select one:
DEP 3053 Developmental Psychology (Critical Tracking) 3
STA 2023 Introduction to Statistics 1 (Critical Tracking; Gen Ed Mathematics) 3
ENC 3453 Writing in the Health Professions (Critical Tracking; Writing Requirement) 3
PHY 2053 Physics 1 and Laboratory for Physics 1 (Gen Ed Physical Sciences) 5

Semester Four
APK 2100C Applied Human Anatomy with Laboratory 4
PHY 2054 Physics 2 and Laboratory for Physics 2 (Gen Ed Physical Sciences) 5
Gen Ed Humanities (Critical Tracking, and International) 3
Gen Ed Social and Behavioral Sciences (Critical Tracking, Writing Requirement) 3

Semester Five
HSA 3111 U.S. Health Care System 3
HSC 3502 Survey of Diseases and Disability 3
PHC 4101 Public Health Concepts 3
Electives (3000/4000 level) 7

Semester Six
HSC 3057 Research Methods and Issues in Health Science 3
HSC 4558 Survey of Diseases and Disabilities 2 3
OTH 3416 Pathophysiology 3
Approved college electives 3

Semester Seven
HSC 3661 Therapeutic Communication Skills with Patients, Families and the Health Care Team 2
HSC 4184 Health Care Leadership: Skills and Styles 3
RCS 4415L Therapeutic Communication Skills Laboratory 1
Approved college elective 3
Electives (3000/4000 level) 6

Semester Eight
HSC 4608L Critical Thinking in Health Care 4
HSC 4652L Ethical and Legal Issues in the Health Professions 3
Electives (3000/4000 level) 6

Credits 15

Total Credits 124-125

For semesters 5-8, students must enroll in all semesters and take all core courses in the term/order indicated, with the exception of Introduction to Statistics 2, which must be completed by the end of spring term of the junior year.

The health science program requires 120 credits for degree. Students following the pre-PT guidelines will require more than 120 credits and includes all pre-professional coursework.

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 U.S. 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

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<tr>
<th>Courses</th>
<th>SLO 1</th>
<th>SLO 2</th>
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1 Minimum grade of C required.
Assessment Types

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