

Health Sciences: General Health Sciences

Bachelor of Science (BS)

General Health Sciences Option

The General Health Sciences Option to the Health Sciences degree is designed for those who wish to work in a medical science capacity, but not necessarily in a defined undergraduate field of study such as Radiological Technician or Medical Technician. This area of study provides a fall back area for students who have decided not to pursue professional programs such as medical school or physical therapy school. Students who have shifted their focus to graduate study in exercise physiology, athletic training or chiropractic would find this to be a suitable field of study.

In basic terms the General Health Sciences option opens up a broad array of professional fields for students upon graduation. The curriculum is designed to provide students with a base of knowledge which will allow them to pursue varied interests, including medical sales.

Health Sciences students will...

- A blend of science courses designed to prepare students for further study in a specialized allied health field
- A mixture of physical rehabilitation and psychosocial electives to apply the principals from basic science courses
- A solid background for students wishing to enter clinical laboratory fields

Career Planning

Career preparation is part of the mission of Southeast. In fact, more than 90% of Southeast students participate in internships, clinical opportunities, student teaching, research assistantships, and study abroad.

Professional career counselors are available for all students. The Office of Career Services in Academic Hall 057 can provide students with professional career counseling, resume critiques, practice interviews, job search strategies, career events, networking opportunities, and more.

Demonstrated Career Proficiency is a Requirement of all Southeast Students

CL001/CL002	First Semester	Complete the FOCUS2 assessment and develop a Career Action Plan.
CL003	Junior Year	Students gain information about career planning and job searching resources.
CL004	Senior Year	Students demonstrate advanced proficiency by identifying a position in their field, developing a cover letter, and tailoring a resume for the position. Materials are critiqued to ensure preparedness for a successful job search.

Internship and Employment Opportunities of Recent Graduates/ or Graduate Schools and Programs of Recent Graduates

- Career opportunities in clinical laboratory fields
- Orthotics and prosthetics
- Chiropractic School
- Entry Level Masters programs in Athletic Training
- Graduate study in Exercise Physiology
- Graduate Study in Clinical Laboratory Sciences
- Professional programs in various allied health fields, such as radiological technician, respiratory therapy, etc.

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This is a guide based on the 2015-2016 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use DegreeWorks to monitor their individual progress.

CURRICULUM CHECKLIST

Health Sciences: General Health Science Option – 97 Hours Required

97 Hours Required – No Minor Required

Student must attain a grade of 'C' or higher in every major course.

A student must maintain an overall grade point average of 3.0 to remain in major.

Core Courses:

- ___ BI 151 Biological Reasoning (3)
OR
- ___ FN 235 Nutrition for Health (3)
- ___ BI 153 Introduction to Organismal Biology (4)
- ___ BI 154 Genetics and Cellular Biology (4)
- ___ **BS 113 Anatomy and Physiology I (4)**
- ___ **BS 114 Anatomy and Physiology II (4)**
- ___ **CH 185 General Chemistry I (5)**
- ___ CH 186 Foundations of Inorganic Chemistry (3)
- ___ CH 187 Inorganic Chemistry and Qualitative Analysis Lab (2)
- ___ FN 530 Pathophysiology: Implications for Nutrition and Exercise Science (3)
- ___ HL 105 Introduction to Allied Health Professions (3)
- ___ HL 113 Medical Terminology (3)
- ___ HL 120 Health Perspectives (3)
- ___ MA 134 College Algebra (3)
- ___ PH 120 Introductory Physics I w/Lab (5)
- ___ PH 121 Introductory Physics II w/Lab (5)
- ___ PY 101 Psychological Perspectives on Human Behavior (3)
- ___ PY 220 Psychological Development Across the Life Span (3)
- ___ PY 271 Research Design and Analysis I
OR
- ___ SW 242 Statistics for Social Scientists (3)
- ___ PY 440 Abnormal Psychology
OR
- ___ PY 466 Introduction to Physiological Psychology(3)
- ___ SC 155 Interpersonal Communication (3)

GENERAL HEALTH SCIENCES OPTION

- ___ BI 200 General Microbiology (3)
- ___ BI 472 Internship in Biology (2)
- ___ CH 341 Foundations of Organic Chemistry (4)
- ___ CH 342 Organic Chemistry Lab I (1)
- Physical Rehabilitation electives – choose 9 hours
- ___ FN 255 Nutrition I (3)
- ___ FN530 Pathophysiology (3)
- ___ HL 251 Introduction to Athletic Injuries (3)
- ___ HL 265 Therapeutic Modalities (3)
- ___ HL 321 Advanced Injury Assessment I (3)
- ___ HL 322 Advanced Injury Assessment II (3)
- ___ HL 323 Advanced Injury Assessment III (3)
- ___ HL 331 Exercise Physiology w/Lab (4)
- ___ HL 444 Rehabilitation of Sports Injury (3)
- ___ HL 511 Applied Anatomy (3)
- Psychosocial electives – choose 9 hours
- ___ AN 101 Observing Cultures (3)
- ___ PY 362 Learning & Memory (3)
- ___ PY 525 Maturity & Aging (3)
- ___ PY 555 Health Psychology (3)
- ___ SO 102 Society, Culture & Social Behavior (3)

University Studies Requirements (not already listed above):

UI100 First Year Seminar, EN100 English Composition, Artistic Expression, Written Expression, Literary Expression, Development of a Major Civilization, Economic Systems, Political Systems, Social Systems, two IU/UI3XXs and UI4XX

SAMPLE FOUR-YEAR PLAN

	Fall Semester	Spring Semester		
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	3	BS114/014	4
	EN100	3	HL105	2
	BI151 or FN235	3	PY101	3
	BS113/013	4	SC155	3
	MA134	3	Written Expression	3
Total	16	Total	15	
Milestone: Maintain a 2.0 grade point average				

SECOND YEAR	BI153	4	BI154	4
	CH185/085/005	5	CH186	3
	HL120	3	CH187	2
	PY220	3	HL113	3
	Literary Expression	3	Artistic Expression	3
			Develop of a Major Civ	3
Total	18	Total	18	
Milestone: Maintain a 2.0 grade point average				

(summer courses are encouraged to avoid 18 hour semesters)

THIRD YEAR	BI200	3	CH341	4
	PY271 or SW242	3	CH342	1
	Economic Systems	3	Physical Rehab Elective	3
	Political Systems	3	Psychosocial Elective	3
	Social Systems	3	IU/UI3XX	3
			IU/UI3XX	3
Total	15	Total	17	
Milestone: Maintain a 2.0 grade point average				

FOURTH YEAR	FN530	3	BI472	2
	PH120/020	5	PH121/021	5
	PY440/PY466	3	Physical Rehab Elective	3
	Physical Rehab Elective	3	Psychosocial Elective	3
	Psychosocial Elective	3	UI4XX	3
	Total	17	Total	16
Milestone: Maintain a 2.0 grade point average				

A "Milestone" signifies a significant stage for a student in the completion of a degree.

Degree requirements for all students: a minimum of 120 credit hours, completion of University Studies program, career proficiencies (CL001-004), Writing Proficiency Exam (WP003), and completion of the Measure of Academic Proficiency and Progress (MAPP) at the senior level.

Refer to the Undergraduate Bulletin or DegreeWorks for additional graduation requirements (i.e. minimum GPA and coursework) for your program of study.

Revised
6/25/2015