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. 100% of programs offer our students an internship, study-abroad program, clinical opportunity, student teaching or research internship.

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

**Internship, Employment or 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.

**Transfer and Dual Credit Students**
If you have dual credit or transfer credit, please visit our transfer course equivalencies guide at semo.edu/transfercredit.
This is a guide based on the 2018-2019 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 Degree Works to monitor their individual progress.

CURRICULUM CHECKLIST

Health Sciences: General Health Science Option – 98 Hours Required

- BI 163 Evolution and Ecology (4)
- BI 173 Cell and Organismal Biology (4)
- BI 113 Anatomy and Physiology I (4)
- BI 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 235 Nutrition for Health (3)
- 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 116 Precalculus A (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)
- OR
- PY 468 Introduction to Physiological Psychology (3)
- SC 155 Interpersonal Communication (3)

GENERAL HEALTH SCIENCES OPTION

- BI 310 General Microbiology (4)
- 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)
- FN 530 Pathophysiology (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 365 Therapeutic Modalities (3)
- HL 444 Rehabilitation of Sports Injury (3)
- HL 511 Applied Anatomy (3)
- TX 251 Introduction to Athletic Injuries (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 – some requirements may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 3 hours
- Constitution requirement – 3 hours
- US History requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)

SAMPLE FOUR-YEAR PLAN

First Year

- Fall Semester
  - U100 3
  - EN100 3
  - BS113/013 4
- Spring Semester
  - BS114/014 4
  - HL105 2

Second Year

- Fall Semester
  - BI163 4
  - CH185/085/005 5
  - HL120 3
  - PY220 3
  - University Studies 3
- Spring Semester
  - CH186 3
  - CH187 2
  - HL113 3
  - University Studies 3

Third Year

- Fall Semester
  - BI310 4
  - PY271 or SW242 3
  - University Studies 3
  - University Studies 3
  - University Studies 3
- Spring Semester
  - CH341 4
  - CH342 1
  - University Studies 3
  - University Studies 3
  - University Studies 3

Fourth Year

- Fall Semester
  - FN530 3
  - BI472 2
  - PH120/020 5
  - PY440/PY466 3
  - Physical Rehab Elective 3
  - Physical Rehab Elective 3
  - Psychosocial Elective 3
- Spring Semester
  - University Studies 3
  - University Studies 3

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, completion of 39 senior division hours (300-599), 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 Degree Works for additional graduation requirements for your program.

To learn more
Office of Admissions
(573) 651-2590
admissions@semo.edu
semo.edu

To explore the College of Education, Health and Human Studies online, visit
semo.edu/education-health

For advising
Center for Academic Advising
semo.edu/advising

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