

## Health Sciences: Pre-Physical/Occupational Therapy

### Bachelor of Science (BS)

# Pre-Physical/ Occupational Therapy Option

The Pre-Physical Therapy/Occupational Therapy Option to the Health Sciences degree is tailored to those students planning on applying to graduate program in one of these disciplines. While students graduating with this degree are not limited to this one option, the focus of the program is to satisfy the common pre-requisites for physical therapy and occupational graduate programs. In addition to meeting pre-requisites and providing a scientific background for a graduate program, the students are introduced to assessment techniques and therapeutic techniques which will be a part of their professional education.

Some programs will have unique pre-requisites, therefore students are encouraged to visit the websites of the American Physical Therapy Association ([apta.org](http://apta.org)) or the American Occupation Therapy Association ([aota.org](http://aota.org)) to identify pre-requisites for a school they may wish to attend.

#### Pre-Physical/ Occupational Therapy students will...

- Satisfy pre-requisites for professional graduate education
- Be introduced to assessment techniques which will be part of their professional education while completing the undergraduate program
- Have a working knowledge of therapeutic modalities and skills in application of the modalities
- Be prepared to enter a number of other allied health fields if they should decide against physical or occupational therapy

#### 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.

#### Internships, Employment Opportunities, Graduate Schools, and Programs of Recent Graduates

- Doctorate of Physical Therapy Graduate Program
- Master's degree programs in Occupational Therapy
- Entry Level Master's program in Athletic Training
- Graduate study in Exercise Physiology
- Chiropractic School
- Employment as a Rehabilitation Technician

#### Admission Requirements

There is not an admission requirement for this program, however, there is a retention requirement. If a student's overall grade point average falls below 3.0/4.0 the student is removed from the Physical/Occupational Therapy option and automatically moved into the General Health Sciences option.

#### Special Options with Health Science

Special program fees are required for this program of study, <http://www.semo.edu/sfs/fee-schedule.htm>.

#### Transfer and Dual Credit Students

If you have dual credit or transfer credit, please visit our transfer course equivalencies guide at [semo.edu/transfercredit](http://semo.edu/transfercredit).

**To learn more**  
 Office of Admissions  
 (573) 651-2590  
[admissions@semo.edu](mailto:admissions@semo.edu)  
[semo.edu](http://semo.edu)

**To explore**  
 the College  
 of Education, Health and  
 Human Studies online, visit  
[semo.edu/education-health](http://semo.edu/education-health)

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 Center for Academic Advising  
[semo.edu/advising](http://semo.edu/advising)

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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: Pre-Physical/Occupational Therapy Option – 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. Critical Courses are *italicized and bolded*. These courses are indicators of potential for success in the degree program.

#### Core Courses:

- \_\_\_ BI 163 Evolution and Ecology (4)
  - \_\_\_ BI 173 Cell and Organismal 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 235 Nutrition for Health (3)
  - \_\_\_ FN 530 Pathophysiology: Implications for Nutrition & 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)
  - \_\_\_ PY 440 Abnormal Psychology  
OR
  - \_\_\_ PY 466 Introduction to Physiological Psychology (3)
  - \_\_\_ SC 155 Interpersonal Communication (3)
- PRE-PHYSICAL/OCCUPATIONAL THERAPY OPTION**
- \_\_\_ FN 255 Nutrition I (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)

**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

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
<b>FIRST YEAR</b>	UI100	3	<b>BS 114/014</b>	<b>4</b>
	<b>BS 113/013</b>	<b>4</b>	EN 140	3
	EN100	3	FN 235	3
	HL 105	2	PY 101	3
	MA 116	3	SC 155	3
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>16</b>
Milestone: Must maintain a 3.0 grade point average to be retained in program				
<b>SECOND YEAR</b>	BI 163	4	BI 173	4
	<b>CH 185/085/005</b>	<b>5</b>	HL 321	3
	HL 120	3	PY 220	3
	TX 251	3	University Studies	3
	University Studies	3	University Studies	3
	<b>Total</b>	<b>18</b>	<b>Total</b>	<b>16</b>
Milestone: Must maintain a 3.0 grade point average to be retained in program				
<i>(summer courses are encouraged to avoid 18 hour semesters)</i>				
<b>THIRD YEAR</b>	HL 113	3	CH 186	3
	HL 322	3	CH 187	2
	HL 331/031	4	FN 255	3
	HL 365	3	HL 323	3
	University Studies	3	University Studies	3
	<b>Total</b>	<b>16</b>	<b>Total</b>	<b>14</b>
Milestone: Must maintain a 3.0 grade point average to be retained in program				
<b>FOURTH YEAR</b>	FN 530	3	HL 444	3
	PH 120/020	5	HL 511	3
	PY 271/SW 242	3	PH 121/021	5
	PY 440/PY466	3	University Studies	3
	<b>Total</b>	<b>14</b>	<b>Total</b>	<b>14</b>
Milestone: Must maintain a 3.0 grade point average to be retained in program				

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.

Revised  
7/10/2018