

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) or the American Occupation Therapy Association (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. 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

- 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>

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This is a guide based on the 2016-2017 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: 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 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)
- PRE-PHYSICAL/OCCUPATIONAL THERAPY OPTION
- ___ FN 255 Nutrition I (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)

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 | BS 114/014 | 4 |
| | BS 113/013 | 4 | EN 140 | 3 |
| | EN100 | 3 | FN 235 | 3 |
| | HL 105 | 2 | PY 101 | 3 |
| | MA 134 | 3 | SC 155 | 3 |
| | Total | 15 | Total | 16 |
| Milestone: Must maintain a 3.0 grade point average to be retained in program | | | | |
| SECOND YEAR | BI 163 | 4 | BI 173 | 4 |
| | CH 185/085/005 | 5 | HL 321 | 3 |
| | HL 120 | 3 | PY 220 | 3 |
| | HL 251 | 3 | Dev. Major Civ. | 3 |
| | Literary Expression | 3 | Economic Systems | 3 |
| | Total | 18 | Total | 16 |
| 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> | | | | |
| THIRD YEAR | HL 113 | 3 | CH 186 | 3 |
| | HL 265 | 3 | CH 187 | 2 |
| | HL 322 | 3 | FN 255 | 3 |
| | HL 331/031 | 4 | HL 323 | 3 |
| | Political Systems | 3 | Artistic Expression | 3 |
| | | | Social Systems | 3 |
| | Total | 16 | Total | 17 |
| Milestone: Must maintain a 3.0 grade point average to be retained in program | | | | |
| FOURTH YEAR | 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 | IU/UI 3XX | 3 |
| | IU/UI 3XX | 3 | UI 4XX | 3 |
| | Total | 17 | Total | 17 |
| 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, 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
2/24/2016