Department of Physical and Occupational Therapy

School of Rehabilitation and Communication Sciences

The School of Rehabilitation and Communication Sciences (SRCS) is composed of 2 departments with 5 programs. The Department of Communication Sciences and Disorders (CSD) consists of programs in Audiology, Sign Language Interpreting, and Speech-Language Pathology. The Department of Physical and Occupational Therapy (DPOT) includes programs in Occupational Therapy and in Physical Therapy. The programs within the School reflect the organization found in many rehabilitation facilities, acknowledging the strong relationships found among these disciplines.

Baccalaureate Programs

The School of Rehabilitation and Communication Sciences is home to 2 baccalaureate degrees (BS in Communication Sciences & Disorders; BS in Sign Language Interpreting), and one Associate’s degree (AS in Sign Language Studies).

Department of Physical and Occupational Therapy

The Department of Physical and Occupational Therapy offers the Doctor of Physical Therapy (DPT) and the Master of Occupational Therapy graduate degrees for those students wanting to enter the professions of occupational or physical therapy. The programs are three years in length and degrees are granted after successful completion of all academic and clinical requirements. Both graduate degree programs are accredited.

The Physical Therapy Graduate Program is accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE) 1111 North Fairfax Street, Alexandria, Virginia, 22314; Telephone: 703-766-3245; email; accreditation@apta.org; website; http://www.capteonline.org.

The Occupational Therapy Graduate Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, Suite 200, Bethesda, MD 20814-3449. AOTA’s Phone number is 301-652-AOTA or at http://www.acoteonline.org. Graduates will be able to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT).

A 3.0 overall GPA for all prerequisite course work and a 3.0 GPA in each science area is required for consideration for admission into either program. Applicants must additionally meet all requirements for admission to the Graduate School. In addition to specific course prerequisites, applicants will have to provide evidence of having worked in a physical therapy or an occupational therapy setting as an aide or volunteer.

Undergraduate students preparing for physical or occupational therapy should choose a major which is of interest to them and which will assist in completion of prerequisite course work. Baccalaureate students will have advisors in their major department, but should also seek additional health professions' advising through the Pre-Health Advising Office. Students who have completed a baccalaureate degree and who are completing prerequisites for physical or occupational therapy should call the Department of Physical and Occupational Therapy for appropriate advising. For further information on physical therapy or occupational therapy entrance requirements and program description, refer to the Graduate Catalog (http://coursecat.isu.edu/previouscatalogs/2018-19/graduate) or department website at http://www.isu.edu/dpot/.

Faculty

Chair and Associate Professor
Ge, Bryan M., Department Chair, Physical and Occupational Therapy; Director and Associate Professor, Occupational Therapy. B.S. 2002, D’Youville College; M.S. 2002, OTD 2007, University of St. Augustine. (2007)

Associate Professors
Dye, Deanna,* DPT Program Director, Assistant Professor, Physical and Occupational Therapy. B.S. 1990, Boston University; M.A. 2000, University of Wyoming; Ph.D. 2007, University of Idaho. (2002)
Seiger, Cindy,* Clinical Assistant Professor, Physical and Occupational Therapy. B.A. 1995, University of Utah; B.S. 1999, University of Ulster; M.S. 2002, Rocky Mountain University of Health Professions; Ph.D. 2009, Brigham Young University. (2006)

Assistant Professors
Foley
Kendall, Eydie, Assistant Professor, Physical and Occupational Therapy. B.S. 1989, California State University Long Beach; M.S. 1993, Ph.D. 2009, University of Idaho. (2011)

Clinical Associate Professors
Lloyd
Peterson, Theodore W., Clinical Assistant Professor, Physical and Occupational Therapy. B.S.O.T. 1980, University of North Dakota; M.B.A. 1992, Moorhead State (MN) University; Dr.O.T. 2008, Nova Southeastern University. (2008)
Thompson, Kelly E., Clinical Assistant Professor, Physical and Occupational Therapy. B.S. 1990, University of New Hampshire; M.S. 2002, Belmont University. (2002)

Clinical Assistant Professors
Gerber
Hong
Rulphs, James E., Clinical Assistant Professor, Physical and Occupational Therapy. B.S. 1999, Utah State University; MPT 2001, Old Dominion University. (2009)
Adapted Faculty

Anderson, Curtis W.,* Professor, Biological Sciences; Adjunct Faculty, Physical and Occupational Therapy. B.S. 1989, Southwest Missouri State University; M.S. 1992, Ph.D. 1996, Northern Arizona University. (1998)

Devine, Nancy L.,* Associate Dean, Director, and Associate Professor, School of Rehabilitation and Communication Sciences. Associate Professor, Physical and Occupational Therapy. B.S. 1986, University of Vermont; M.S. 1993, Idaho State University. (1990)

Groome

Meldrum

Owens

Rodnick, Kenneth J.,* Professor, Physiology; Adjunct Faculty, Physical and Occupational Therapy. B.S. 1979, University of California, Davis; M.S. 1982, M.A. 1984, Oregon State University; Ph.D. 1989, Stanford University. (1993)

Emeriti

Creelman III, James (Jim) E.,* Department Chair and Associate Professor, Physical and Occupational Therapy. 1990-2015

Urfer, Alexander G.,* Professor, Physical and Occupational Therapy. 1977-2011

Admission into the Physical Therapy Program

Although any undergraduate major is acceptable for entry into the Doctor of Physical Therapy program, preparation must provide a strong background in natural and social sciences and include the following prerequisite courses.

Physical Therapy Program Prerequisites

- **BIOLOGY (3 courses)** Botany courses will NOT be accepted.
  1 & 2. Anatomy and Physiology each with laboratory (vertebrate or human), 2 semesters or 2-3 quarters. This course must have been completed within the last 7 years. Courses on human anatomy and physiology MUST be listed in Biology, Zoology, Anatomy or Physiology Departments for fulfillment of this requirement.
  3. Exercise Physiology, 2 or 3 credits. This course may be found in Physical Education departments.

- **CHEMISTRY (2 courses)**
  1 & 2. Introductory Chemistry with laboratory, 2 semesters or 2-3 quarters. A more recently completed chemistry course at upper division or graduate level with laboratory may also meet this requirement. Must be courses for science majors.

- **PHYSICS (2 courses)**
  1 & 2. Introductory Physics with laboratory, 2 semesters or 2-3 quarters. A more recently completed physics course at upper division or graduate level with laboratory may also meet this requirement. Must be courses for science majors.

- **MATHEMATICS (1 course)**
  1. Statistics - 3 or more units. Courses about research methods or tests and measurements will NOT meet this requirement.

- **PSYCHOLOGY and SOCIOLOGY or ANTHROPOLOGY or HEALTH SCIENCE (3 courses)**
  1. Introductory Psychology. More recent upper division psychology courses may be accepted.
  2. Sociology or Anthropology or Health Science or Psychology (1 course). This course must be relevant to health care, rural societies, cultural diversity, aging, health care administration, abnormal psychology or epidemiology. Marriage/Family, religion or history courses will NOT meet this requirement.
  3. Course in Human Development or Motor Development Learning (2-3 credits).

- **MEDICAL TERMINOLOGY (1 semester)**
  1. One semester of medical terminology.

Computer Competence and Technical Writing

Applicants must be competent in working with computers and be able to use word processing and spreadsheet software prior to entry into the program. A course in technical writing is strongly recommended.

Admission into the Occupational Therapy Program

Students may be admitted for fall semester entry into the Master of Occupational Therapy (MOT) program through the normal graduate school admissions procedure by satisfactorily completing the prescribed prerequisite courses and satisfying the other admission requirements as listed on the MOT program application form.

Students may also have the option of early pre-professional entry into the program through the established guidelines of the Bachelor of Science in Health Science (BSHS), Pre-Occupational Therapy, Accelerated Concentration. During the first three years of this Concentration of the BSHS degree, students follow a structured course of study that will meet their interests, university degree requirements, and Occupational Therapy Program admissions requirements. Students may apply to this degree option in the Fall of their junior year. Students are admitted to the pre-professional year for occupational therapy during their senior year on a competitive basis. With successful completion of the pre-professional year in the OT program, each student will receive a Bachelor of Science in Health Science degree and continue (after acceptance by the Graduate School) directly into the second and third year curriculum for the MOT degree.

The combination of the BSHS and MOT program creates a seamless entry into the occupational therapy profession, ensuring that all prerequisites in social, physical and biological sciences are completed in a timely manner. For further information on the BSHS and the MOT program, contact the Department of Physical and Occupational Therapy at (208) 282-4095 or Dr. Kelly Thompson, Director of BSHS Pre OT Accelerated (thomkel2@isu.edu).

MOT Program Prerequisites

- **SOCIAL BEHAVIORAL SCIENCE (4 courses, 3 credits each)**
  Human Development - 1 semester
  Sociology - 1 semester
  Abnormal Psychology - 1 semester
  Cultural Anthropology - 1 semester

- **BIOLOGY (2 courses, 4 credits each)**
  Anatomy and Physiology, each with laboratory (vertebrate or human): 2 semesters or 2-3 quarters. This course must have been completed within the last 7 years. Courses on human anatomy and physiology MUST be listed in Biology, Zoology, Anatomy or Physiology Departments for fulfillment of this requirement.
Concentration (4+3) is a degree program designed for students who are interested in a future career in the health profession. It provides a concentration area for students wishing to eventually apply to a graduate program in occupational therapy. One BSHS degree concentration area, Pre-Occupational Therapy, allows for the student to obtain a broad health science background by completing a BSHS degree. Once completed, the student is positioned with the necessary academic prerequisites to apply to many graduate-level occupational therapy programs (but students must carefully check prerequisite requirements for all programs they are interested in to assure fulfillment of each program’s individual requirements). Admission and successful completion of this concentration area does not guarantee admission into the ISU Master of Occupational Therapy program.

The second BSHS professional concentration area, Pre-Occupational Therapy, Accelerated (3+3) (available to a limited number of students selected on a competitive basis), provides the opportunity for students to enter the graduate-level ISU Occupational Therapy program during their fourth undergraduate year and complete a pre-professional year in the program while undergraduates. During the first three years, students wishing to pursue this concentration area complete a course of study that meets the ISU General Education requirements and the OT program prerequisite course requirements. These students may apply during the fall semester of their junior academic year for accelerated entry status.

If accepted, they complete the pre-professional year within the OT program during their senior year. Upon successful completion of the pre-professional year, each student will receive a Bachelor of Science in Health Science degree and continue (after acceptance by the Graduate School) as a graduate student directly into the third semester (summer) of the Master of Occupational Therapy program with expected completion and awarding of the Master’s degree two years later.

Students not accepted into the accelerated concentration area may continue within the pre-OT curriculum, earn their bachelor degrees, and apply to graduate-level occupational therapy programs at ISU and elsewhere through the traditional graduate school processes.

Due to the competitive nature of admission to graduate-level occupational therapy programs, students are strongly encouraged to maintain a minimum grade point average of 3.0 throughout the BSHS curriculum.

Bachelor of Science in Health Science

Concentration 2: Pre-Occupational Therapy

This concentration will prepare students to apply to a graduate program in occupational therapy. Graduate occupational therapy programs will accept a wide range of undergraduate degrees, but the B.S. in Health Science with the pre-occupational therapy concentration prepares the student for future practice in health care while efficiently including the prerequisite courses.

See the Department of Physical and Occupational Therapy (http://coursecat.isu.edu/previouscatalogs/2018-19/undergraduate/divisionhealth/physicalandoccupationaltherapy) in the School of Rehabilitation and Communication Sciences in the Kasiska Division of Health Sciences section of the catalog for detailed information about this concentration.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ANTH 2238</td>
<td>Peoples and Cultures of the New World</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3302</td>
<td>Anatomy and Physiology</td>
<td>4</td>
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<tr>
<td>&amp; 3302L</td>
<td>and Anatomy and Physiology Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1111</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 1111L</td>
<td>and General Chemistry I Lab</td>
<td>5</td>
</tr>
</tbody>
</table>
ENGL 1101 English Composition 3-4
or ENGL 1101P English Composition Plus
MATH 1153 Introduction to Statistics 3
PSYC 2225 Child Development 3
PSYC 3301 Abnormal Psychology I 3
SOC 1101 Introduction to Sociology 3
5 additional courses (3 credits each) from economics, education, ethics, fine arts, foreign language, history, humanities, literature, and philosophy 15

Electives 18-22

Highly Recommended Electives:
ENGL 3307 Professional and Technical Writing 3
PHYS 1111 General Physics 4
& PHYS 1113 General Physics I Laboratory

See the Bachelor of Science in Health Science (http://coursecat.isu.edu/previouscatalogs/2018-19/undergraduate/divisionhealth/bachelorofscienceinhealthscience) in the Kasiska Division of Health Sciences section of the catalog for additional information.

Concentration 3: Pre-Occupational Therapy, Accelerated

This concentration area will prepare students to apply for early entrance into the ISU three-year Occupational Therapy Program. Students pursuing this concentration will complete General Education Objectives, the B.S. in Health Science Core courses, and the prerequisite courses for admission into the Occupational Therapy Program during the first three years and will apply for accelerated entry during the fall semester of the 3rd year. Students who are accepted for accelerated entry (competitive and limited number) will complete the first pre-professional year of the Occupational Therapy Program, while concurrently completing the 4th and final year of the B.S. in Health Science.

Students would then complete two more years within the graduate Master of Occupational Therapy Program. Students pursuing this concentration who are not accepted into the accelerated cohort may take additional courses during their 4th year to complete the B.S. in Health Science and apply to a graduate program in occupational therapy.

See the Department of Physical and Occupational Therapy (http://coursecat.isu.edu/previouscatalogs/2018-19/undergraduate/divisionhealth/physicalandoccupationaltherapy) in the School of Rehabilitation and Communication Sciences in the Kasiska Division of Health Sciences section of the catalog for additional information.

Required Courses:

General Education Objectives (min 36 cr) 36
BS in Health Science Core 20-24

Accelerated Occupational Therapy Concentration (46 cr)

ANTH 2238 Peoples and Cultures of the New World (Satisfies General Education Objective 9) 3
BIOL 3302 Anatomy and Physiology and Anatomy and Physiology Lab 4
& 3302L
CHEM 1111 General Chemistry I and General Chemistry I Lab 5
& 1111L
(The two sets of courses above satisfy General Education Objective 5)

MATH 1153 Introduction to Statistics (Satisfies General Education Objective 3) 3
ENGL 1101 English Composition (Partially satisfies General Education Objective 1) 3-4
or ENGL 1101P English Composition Plus
PSYC 3301 Abnormal Psychology I 3
PSYC 2225 Child Development 3
SOC 1101 Introduction to Sociology (Partially satisfies General Education Objective 6) 3
5 additional courses (3 credits each) from economics, education, ethics, fine arts, foreign language, history, humanities, literature, and philosophy 15

1 Some Pre-Occupational Therapy Accelerated Concentration courses can also meet General Education Objectives.

Apply to the Pre-Occupational Therapy Accelerated Program during fall semester of junior year.

Pre-Professional Year (if accepted into the program) (31 cr)

BIOL 4474 Human Anatomy Occupational and Physical Therapy 5
BIOL 4486 Human Systemic Physiology 5
PTOT 4412 Professional Communication 2
PTOT 4413 Occupational Therapy Profession 3
PTOT 4401 Clinical Kinesiology and Biomechanics 4
PTOT 4402 Clinical Neuroscience 5
PTOT 4421 Self-Exploration in Occupation 3
PTOT 4422 Occupational Performance 3
PTOT 4442 Occupational Performance Laboratory 1

See the Bachelor of Science in Health Science (http://coursecat.isu.edu/previouscatalogs/2018-19/undergraduate/divisionhealth/bachelorofscienceinhealthscience) in the Kasiska Division of Health Sciences section of the catalog for additional information.

Courses

PTOT 2209 Introduction to Occupational Therapy: 1 semester hour.
Exploration of the diversity of occupational therapy and how occupation or "activity" can be used as an intervention for promoting health and independence in persons with physical, emotional, and developmental disabilities. S

PTOT 2299 Experimental Course: 1-6 semester hours.
This course is not described in the catalog. The course title and number of credits are announced in the class schedule by the scheduling department. Experimental courses may be offered no more than three times.

PTOT 4401 Clinical Kinesiology and Biomechanics: 4 semester hours.
Analysis of normal and pathological human movement in joints, posture, gait, and the vertebral column. Application of movements to therapeutic interventions is emphasized. PREREQ: BIOL 4474. S

PTOT 4402 Clinical Neuroscience: 5 semester hours.
Study of structure and function of the human nervous system or the cellular and systemic levels. Specific application to clinical management of neurological problems and pathology. PREREQ: BIOL 4474 and BIOL 4486. S

PTOT 4412 Professional Communication: 2 semester hours.
Introduction to standard forms of professional communication in physical and occupational therapy and among other health care professions. Medical record-keeping and interdisciplinary communication are emphasized. F
PTOT 4413 Occupational Therapy Profession: 3 semester hours.
Historical overview of occupational therapy in health care, education and
psychosocial settings. Occupational therapy process, rural human service delivery
system, professionalism, ethics, and legal issues will be examined. F

PTOT 4421 Self-Exploration in Occupation: 3 semester hours.
Focus on self-exploration in occupation and purposeful activity. Self-evaluation
in occupational performance areas, components, and context. The student will
complete a self-development plan in occupation. Su

PTOT 4422 Occupational Performance: 3 semester hours.
Person/occupation/environment interactions are examined from the perspective
of multiple theories and models that analyze typical occupations and address
performance dysfunctions. PREREQ: PTOT 4413 and PTOT 4421. COREQ:
PTOT 4442. S

PTOT 4442 Occupational Performance Laboratory: 1 semester hour.
Introduction to and practice using occupation focused evaluation tools and
methodologies used in analyzing, evaluating, and categorizing occupational
performance. COREQ: PTOT 4422. S

PTOT 4499 Experimental Course: 1-6 semester hours.
This course is not described in the catalog. The course title and number of credits
are announced in the class schedule by the scheduling department. Experimental
courses may be offered no more than three times.