



PHYSICAL THERAPY
DEPARTMENT



FACULTY, CURRICULUM AND PROGRAM TRACKS

PHYSICAL THERAPY AT ST. AMBROSE UNIVERSITY

Physical therapy is an exciting health profession with great potential for personal satisfaction and professional achievement. The Doctor of Physical Therapy (DPT) program at St. Ambrose University is an entry-level graduate program that prepares physical therapists to meet the demands of clinical practice now and in the future. Building upon St. Ambrose's values and guiding principles of Catholicity, integrity, liberal arts, life-long learning and diversity, the DPT program is distinguished by a rich environment of academic excellence, a wide variety of clinical experiences and a sense of community, respect and friendship among students, faculty and staff.

THE MISSION

The St. Ambrose University
Physical Therapy
Department enables
students, staff and faculty
to enrich their own lives
and the lives of others
to positively impact
the Physical Therapy
profession and society.

Faculty Faculty members include award-winning teachers, researchers and master clinicians. Many are involved in on-going clinical practice and service to community. Classes are taught by experts in areas such as orthopaedics, sports medicine, cardiopulmonary and neuromuscular therapeutics, pediatrics, geriatrics, wound management and physical therapy research. Faculty members are dedicated to providing students with the knowledge, skills and confidence to become integral members of the health care team.

Curriculum The sequence of graduate studies is efficiently organized to allow for completion of the DPT degree in two-and-a-half years. The faculty stress critical thinking skills, professional behaviors and evidence-based practice to help students bridge theory with practice throughout the curriculum. Guest speakers from collaborative disciplines enrich classes. The curriculum

is responsive to evolving trends in health care, with annual reviews to keep up with changing health care needs. Students also have opportunities to be involved in scholarly activities and attend professional meetings. Students can select clinical placements from over 500 clinical sites that have been established throughout the United States for their 35 weeks of full-time clinical experiences.

Student Success St. Ambrose physical therapy students come from a variety of backgrounds and pre-professional experiences. Their undergraduate alma maters include more than 80 colleges and universities, as well as St. Ambrose, and they come from more than 30 states. Our students have an excellent graduation rate, and graduates have earned a 100 percent pass rate on the National Physical Therapy Examination for the past three years. Throughout the history of our program, 100 percent of those actively seeking PT positions have found placements within six months of graduation.



"The SAU DPT faculty truly cares about you and your success as a student. They always made (and continue to make) themselves accessible to assist us in whatever way possible and enhance the Ambrose experience. Being a part of this program is like being part of a family."

Kyle Feller '15 DPT
University of Illinois Hospital
and Health Sciences System
Chicago, IL





Admissions Up to 36 students are admitted into the DPT program through a competitive process, with a new class beginning each fall. Individuals interested in Track II or Track III must submit applications through the Physical Therapist Centralized Application Service at www.ptcas.org.

PTCAS Early Decision is available in the fall for highly qualified Track II and III applicants. Specific criteria for Early Decision are described on our website and on the PTCAS website. Deadline for PTCAS Early Decision applications is August 15. On-site personal interviews are scheduled in September. Acceptance decisions are announced in late September.

Spring Admission deadline for all Track II and III applicants is December 1. On-site personal interviews for qualified applicants are scheduled in January and February. Acceptance decisions for this group are announced in writing during the spring semester.

Selection Criteria include academic performance, standardized test scores, statement of educational and professional goals, individual on-site interview and references.

For seniors as of August 2017, the application deadline for Track I is February 15, 2018. For students who will start their senior year in August 2018, the deadline is October 1, 2018.

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Orthopaedic Physical Therapy Clinical Residency Program

This 12 month post-professional opportunity is for physical therapists who want to accelerate their learning in the area of orthopaedic physical therapy. The program is based on the American Physical Therapy Association's credentialing criteria and the *Description of Specialty Practice in Orthopaedic Physical Therapy*. Residents work full-time in the clinical setting, where they are mentored by faculty with advanced clinical skills and expertise in teaching. Classroom and lab training, study groups, case presentations and community service are integral to the series of classes that include radiology, advanced musculoskeletal therapeutics and mentored clinical internships. Interested students can apply during their second year in the DPT program and then begin the program upon graduation and licensure.

Pre-Professional College Course Prerequisites

Course	SAU Equivalent	Credits
General Biology I & II (with labs)	Biology 199 and 200	8
Human Anatomy & Physiology I & II (with labs)*	Biology 230 and 232	8
General Chemistry I & II (with labs)	Chemistry 105 and 106	8
College Physics I & II (with labs)	Physics 203 and 204	8
Statistics/Biostatistics	Statistics 213	3
Introduction to Psychology	Psychology 105	3
Upper level Psychology/Sociology elective**	Psychology 255	3

* At SAU, human physiology is combined with anatomy in a two-semester sequence of courses with labs. A human physiology course with labs fulfills this requirement.

** Any upper level Psychology/Sociology course at SAU will meet this requirement.

Psychology 255 Brain and Behavior is strongly recommended.

DOCTOR OF PHYSICAL THERAPY

Curriculum The 114 credit hour, two-and-a-half year graduate studies program is completed in the following sequence.

YEAR 1

Fall, August–December

DPT 500	Human Gross Anatomy	5
DPT 515	Professional Seminar	0
DPT 530	Kinesiology & Biomechanics	5
DPT 531	Functional Anatomy	1
DPT 550	Intro to Physical Therapy	3
DPT 560	Physical Therapy Procedures I	3

Spring, January–May*

DPT 520	Pathology and Medical Management I	3
DPT 540	Neuroanatomy and Neurophysiology	5
DPT 570	Physical Agents	4
DPT 635	Clinical Exercise Physiology	3
DPT 650	Issues in Research I	3
DPT 580	Clinical Education	2
DPT 581	Clinical Education	0

*DPT 580 is a two week clinical held in early January.

Other courses begin in Mid-January.

Summer*

DPT 525	Pathology and Medical Management II	2
DPT 590	Pharmacology	1
DPT 645	Neuromuscular Pediatrics	2
DPT 800	Applied Anatomy and Physiology	2
DPT 582	Clinical Education	3

*Summer courses are held over six weeks from the end of May through June. DPT 582 is a three week clinical held after the rest of the courses.

YEAR 2

Fall, August–December

DPT 600	Issues in Patient Care	3
DPT 620	Musculoskeletal Therapeutics I	5
DPT 630	Neuromuscular Therapeutics	5
DPT 640	Cardiopulmonary Therapeutics	3
DPT 700	Issues in Research II	1
DPT 810	Advanced Diagnostics I	2
DPT 680	Clinical Education	2
	two week clinical held mid-semester	

Spring, January–May

DPT 660	Professional Practice in Physical Therapy	3
DPT 670	Orthotics/ and Prosthetics	3
DPT 674	Integumentary Therapeutics	1
DPT 705	Critical Inquiry	2
DPT 720	Musculoskeletal Therapeutics II	3
DPT 760	Physical Therapy Procedures II	3
DPT 820	Differential Diagnosis	2
DPT 780	Clinical Education	2
	two week clinical held mid-semester	

Summer, June–July

DPT 830*	Management of the Medically Complex Patient	1
	one week course in May after spring semester finals	
DPT 781	Clinical Education (eight week internship)	8

YEAR 3

Fall, August–December

DPT 782	Clinical Education (eight week internship)	8
DPT 784	Clinical Education (ten week internship)	10

During clinical education experiences, DPT students are required to: have personal health insurance; provide their immunization history; have a criminal background check completed upon entry into the program; have reliable transportation to, from and during the clinical experience; and assume financial responsibility for room and board during each clinical assignment. In addition, select clinical facilities may require the student to provide an updated criminal background check, a pre-clinical or random drug screen, or to be fingerprinted.

Did you know?

Over the last two years, DPT classes have had a graduation rate of 98%, a 98% first-time and 100% ultimate pass rate on the licensure exam, and 100% employment.

ADMISSIONS PROCESS FOR TRACK I APPLICANTS

Track I is exclusively for high school seniors planning to enroll at St. Ambrose University. Each year up to 15 high school seniors are granted placement in Track I positions conditionally reserving them a place in the DPT class that will commence with their senior year in college.

For seniors as of August 2017, the application deadline for Track I is February 15, 2018. For students who will start their senior year in August 2018, the deadline is October 1, 2018. Track I students utilize a “3+2.5” plan of study (three years of undergraduate work plus two-and-a-half years in the DPT program). Students accepted into Track I apply the first year DPT courses toward completion of their SAU undergraduate degree, which must be awarded prior to the beginning of the second year of the DPT program. Acceptance as a Track I student is contingent upon completion of the Track I / Phase A prerequisites. The Track I student will be guaranteed admission into the DPT program if all Phase B requirements are met. Students who do not meet advancement criteria remain eligible to apply to the program through Track II or Track III.

Track I/Phase A – High School Prerequisites

To apply for Track I high school seniors will need to:

- > Meet the entrance requirements of St. Ambrose University.
- > Have completed the equivalent of one year each of high school biology and chemistry (one year of high school physics is strongly recommended).
- > Attain a minimum of 3.5/4.0 unweighted high school GPA.
- > Score a minimum of 24 on the ACT or 1160 on the SAT.
- > Have completed and provide documentation of at least 20 hours of observation with a licensed physical therapist in one or more physical therapy settings.
- > Complete an acceptable on-site personal interview with DPT faculty members. Interviews will not be scheduled until applications are complete.

Track I/Phase B – College Requirements

Track I students are required to meet the following criteria in order to advance into the DPT program during their senior year. These students will need to:

- > Complete all bachelor's degree requirements in their major other than those to be completed in the first year of the DPT program.
- > Complete all prerequisite courses with a grade of “C” or above prior to entering the DPT program. Students in Track I who will not complete the prerequisites by the spring admissions deadline must provide a detailed written plan of study for completion of the remaining courses prior to final admission into the DPT program.

- > Submit a plan of study detailing how an undergraduate degree will be earned prior to the beginning of the second year of the DPT program.
- > Earn and maintain a cumulative grade point average of at least 3.30/4.00 and a prerequisite grade point average of at least 3.30/4.00 by the end of their fourth semester at St. Ambrose.
- > Complete a Track IB application form provided by the Physical Therapy Department.
- > Complete the GRE, with a combined score of 295 or higher on the verbal and quantitative sections.
- > Document on forms provided, at least 50 hours of inpatient and outpatient observation with licensed physical therapists in two or more settings (may include the 20 hours completed for Phase A).
- > Submit official transcripts from all undergraduate institutions attended.
- > Provide two favorable references on forms provided by the Physical Therapy Department.
- > Complete an acceptable on-site personal interview with members of the St. Ambrose University physical therapy faculty.





ADMISSIONS PROCESS FOR TRACK II & III APPLICANTS

Physical Therapist Centralized Application Service Students applying through Track II and III submit an online application through the American Physical Therapy Association's Physical Therapist Centralized Application Service at www.ptcas.org. Transcripts, references and observations hours are handled through this service.

Track II is a "3+2.5" plan of study (three years of undergraduate study plus two-and-a-half years in the DPT program). First year of DPT courses are applied toward completion of the undergraduate degree, which must be awarded prior to the beginning of the second year of the DPT program. Students from institutions other than SAU may also utilize Track II. Track II students must have completed all bachelor's degree requirements in their major other than those to be completed in the first year of the DPT program. Students from institutions other than SAU will need a letter from the respective Registrar's Office indicating that the first year of DPT courses will be credited toward the bachelor's degree and that the bachelor's degree will be awarded prior to the start of the second year in the DPT program.

Track III is a "4+2.5" plan of study (four years of undergraduate work plus two-and-a-half years in the DPT program) designed for students who are in their senior year of college, or have earned a bachelor's degree from a four-year college or university prior to the fall they anticipate entering the DPT program.

Track II / III Eligibility Requirements

- > Complete the Graduate Record Exam (GRE).
- > Go to the PTCAS website at www.ptcas.org, and
 - Submit official GRE results.
 - Complete an application to SAU.
 - Submit official transcripts from all undergraduate institutions attended.
 - Submit two professional references.
- > Complete all prerequisite courses with a grade of "C" or above prior to enrollment in the DPT program. Applicants who will not complete the prerequisites by the date of their application submission must provide a detailed plan for completion of the remaining courses found in the Supplemental Application portion of the PTCAS application.
- > Attain a minimum 3.0/4.0 cumulative and pre-requisite GPA in all undergraduate coursework or a minimum cumulative graduate GPA of 3.25/4.0 for 18 or more semester hours in an approved graduate science degree program.
- > Document at least 50 hours of completed observation with licensed physical therapists in two or more physical therapy settings, including inpatient and outpatient observation.
- > International students are required to submit official TOEFL exam results. Scores must be at least 600 (written), 250 (computerized) or 100 (internet). Transcripts must be evaluated through the World Education Services (WES).
- > Complete an acceptable on-site personal interview with members of the St. Ambrose University Physical Therapy Department faculty.



“St. Ambrose gave me the opportunity to learn to how to be a skilled, caring and knowledgeable physical therapist. The small class size, specialized labs and accessible professors allowed me to be successful in the clinic.”

Breanna Choffin '16 DPT
Orthopedic Resident,
Physical Therapist
Edward-Elmhurst Healthcare
Naperville, IL

FACULTY

Bryon Ballantyne, PT, PhD Teaches human gross anatomy and functional anatomy as well as evidence-based practice. His clinical experience is mainly in the area of outpatient orthopaedics. He has received recognition for accomplishments in clinical research and has authored several research articles related to motor control and biomechanics of lower extremity injuries.

Nicholas Cooper, PT, PhD, OCS Teaches kinesiology, differential diagnosis and research related material. He is a board certified orthopaedic clinical specialist and his clinical practice is focused on helping individuals with low back pain and chronic pain conditions. His research interests include the role of therapeutic exercise to improve function in those with low back pain.

Dana Dailey, PT, PhD Teaches classes in therapeutic exercise, pain science, and professional practice. She practices in outpatient orthopedics with a specialty in chronic pain, fibromyalgia and rheumatologic disorders. Her current research focus is on women with fibromyalgia and the long term use of transcutaneous electrical nerve stimulation (TENS). Additional research interests include pain, fatigue, and function in individuals with chronic pain.

Barbara Ehrmann, PT, DPT, MBA, CEEAA Coordinates lectures in pathology and medical management, advanced diagnosis, and assists in human gross anatomy. Her clinical experiences include inpatient care, outpatient care, industrial medicine, home health and skilled care. She serves as Associate Editor for the *Journal of Acute Care Physical Therapy*.

Kevin Farrell, PT, PhD, OCS, FAAOMPT Chair of the Orthopaedic Clinical Residency program. He teaches kinesiology/bio-mechanics, differential diagnosis and orthopaedics, as well as courses in the residency programs. Dr. Farrell is a board certified orthopaedic clinical specialist and a Fellow in the American Academy of Orthopaedic Manual Physical Therapists. He continues in part-time clinical practice and is an Advanced Credentialed Clinical Instructor.

Lynn Frank, PT, MPT, NCS Collaborates in implementing individual student plans for clinical education, assists with neuromuscular therapeutics and coordinates the course on management of the medically complex

patient. Her clinical practice includes acute care and rehabilitation. She is a board certified clinical specialist in neurologic physical therapy, is trained in neurodevelopmental treatment for adults with hemiplegia and is a credentialed trainer for both APTA's Clinical Instructor Credentialing and Advanced Clinical Instructor programs.

Kathie Lampe, PT, DPT, CWS, FACCWS Teaches PT procedures, physical agents, patient care issues and the integument course. She is a fellow in the American College of Certified Wound Specialists, and has authored abstracts, articles, book reviews, and a book chapter on wound evaluation. She also practices at an area clinic.

Mark Levsen, PT, MA, OCS, GCOMT, FAAOMPT Teaches orthotics and prosthetics, and Musculoskeletal Therapeutics I and II. He also practices in the area of orthopaedic physical therapy. He is a clinical specialist in orthopaedics, and a Fellow in the American Academy of Orthopaedic Manual Physical Therapists.

Michael Puthoff, PT, PhD, GCS Serves as the Program Director and teaches cardiopulmonary therapeutics, clinical exercise physiology and geriatrics. His research interests include measuring function in individuals with cardiovascular and pulmonary disease. He is a board certified clinical specialist in geriatric physical therapy.

Nora Riley, PT, PhD, NCS Teaches neuromuscular therapeutics. Her clinical practice focuses on neurological disorders including stroke, brain injury, balance and dizziness disorders, multiple sclerosis and spinal cord injury. She is a board certified clinical specialist in neurologic physical therapy, has a certificate of competency in evaluation and treatment of vestibular disorders, and is trained in neurodevelopmental treatment for adults with hemiplegia.

Kristin Ryan, PT, DPT, CLT Collaborates in implementing individual student plans for clinical education and assists with neuromuscular therapeutics. Her clinic practice focuses on patients with neurological disorders including stroke and spinal cord injuries, in addition to patients with lymphedema. She evaluates clients during wheelchair clinic for appropriate seating systems and is a Certified Lymphedema Therapist.

PHYSICAL THERAPY DEPARTMENT

563/333-6403

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www.sau.edu/pt

Admissions Office

563/333-6300 or 800/383-2627

admit@sau.edu

www.sau.edu

Bee Central Office

Financial Aid, Registration and Student Accounts

563/333-5775

beecentral@sau.edu

www.sau.edu/beecentral

Or write

Physical Therapy Department

St. Ambrose University

1320 W. Lombard Street

Davenport, Iowa 52804



learn

For more information about the physical therapy profession contact:

**American Physical
Therapy Association**

800/999-2782

www.apta.org

1111 N. Fairfax Street

Alexandria, Virginia 22304

FUNDING YOUR EDUCATION

Paying for graduate education represents a significant financial commitment for most of our students. The key to financing your education is to start planning early and explore different options, keeping in mind those factors other than cost that will enable you to complete your education successfully.

Ambrose DPT students are eligible for financial assistance from a variety of sources, and our Financial Aid staff will work with you to explore all available aid opportunities. These include a limited number of graduate assistantships and university scholarships. Veterans and some dependents may be eligible for educational benefits, while deferred military enlistment arrangements can be another source of tuition assistance. Most federal loan programs offer low interest rates and defer repayment until after the completion of graduate study. Private lenders are another alternative for low interest education loans. Current program costs may be obtained from the DPT program office or on-line at www.sau.edu/pt.

take ACTION

Applicants can visit www.ptcas.org to start their application process. Details on St. Ambrose application requirements can be found on the [PTCAS website](http://www.ptcas.org).

The Physical Therapy Program is accredited by the Commission on Accreditation in Physical Therapy Education/
American Physical Therapy Association.

"The St. Ambrose physical therapy program prepared me, both personally and professionally, to become a compassionate and decisive therapist who strives to make a positive impact on the life of every person I come into contact with."

Keegan Horack '16 DPT
Genesis Valley Fair
Outpatient Rehabilitation
Davenport, IA



MISSION

OUR MISSION

St. Ambrose University—
independent, diocesan, and
Catholic—enables its students

to develop intellectually,
spiritually, ethically, socially,
artistically and physically to

enrich their own lives and the
lives of others.

St. Ambrose University
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www.sau.edu/pt

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UNDERGRADUATE MAJORS

Accounting
Art Education
Art History
Behavioral Neuropsychology
Biology
Book Arts
Business Economics
Business Sales
Chemistry
Computer Network Administration
Computer and Network Security
Computer Science
Criminal Justice
Economics
Education, Early Childhood
Education, Elementary
Education, Secondary
English
Exercise Science
Finance
Forensic Psychology
French Studies
Graphic Design
Healthcare Sales
History
Human Performance
and Fitness
Industrial Engineering
International Business
International Studies
Management
Marketing
Mathematics
Mechanical Engineering
Multimedia Journalism
Music
Music Education
Nursing
Painting
Philosophy
Political Science
Psychology
Sociology
Spanish
Speech and Theatre Education
Sport Management
Strategic Communication
Television and Radio

Theatre
Theology
Women and Gender Studies
Writing

INTERDISCIPLINARY MINORS

Catholic Studies
Classical Studies
Environmental Studies
French Studies
German Studies
Global Business
Hispanic Studies
Leadership Studies
Peace and Justice Studies
Pre-Law Studies
Women and Gender Studies

PRE-PROFESSIONAL PROGRAMS

Chiropractic
Dentistry
Law
Medicine
Occupational Therapy
Optometry
Pharmacy
Physical Therapy
Physician Assistant
Social Work
Speech-Language Pathology
Veterinary Medicine

MASTER'S PROGRAMS

Accounting
Business Administration
Criminal Justice
Early Childhood Education
Educational Administration
Exercise Physiology
Information Technology Management
Organizational Leadership
Pastoral Theology
Physician Assistant Studies
Social Work
Speech-Language Pathology

DOCTORAL PROGRAMS

Business Administration
Occupational Therapy
Physical Therapy