



Johnson County Community College
Transfer Program to the University of Kansas
**Prerequisites for the Professional Doctorate Program,
D.P.T., Pre-Physical Therapy
Prerequisites for the Master of Science in
Athletic Training
KU Medical Center
2023-24 Catalog**

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Professional Program in Physical Therapy

KU's DPT program is nationally recognized for excellence in education and research in the field. A department of the School of Health Professions, the KU Department of Physical Therapy and Rehabilitation Science is located on the University of Kansas Medical Center (KUMC) campus in Kansas City, Kansas. In collaboration with The University of Kansas Health System adjacent to KUMC, students benefit from the opportunity to interact with a large number of health care professionals and leading researchers in real-world environments.

KU's DPT program is an accredited 3 year full-time graduate program designed to prepare a generalist physical therapy practitioner and to foster lifelong professional development. The program begins in late May and includes classroom, laboratory, research and clinical learning experiences. Students must complete 36 weeks of full-time clinical internships. As an Academic Health Science Center, KUMC provides ample opportunity for physical therapist students to interact with a large number of health care professionals, as well as students from other disciplines.

Admission to the DPT program at KUMC is a competitive process. The faculty values a well-rounded applicant; one who has demonstrated their academic and cognitive abilities as well as their personal, professional, and leadership potential. Class size is restricted; generally admitting no more than 60 students in any single year.

Master of Science in Athletic Training

The [KU Master of Science in Athletic Training](#) (MSAT) program is a 2-year full-time graduate program designed to prepare an entry-level practitioner and foster lifelong professional development. The program begins the Tuesday after Memorial Day and includes classroom, laboratory, scholarship, and clinical education opportunities.

As a leader in academic health sciences, the [KU Medical Center](#) provides ample opportunity for athletic training students to interact with a large number of health care professionals as well as students from other disciplines.

The University of Kansas prohibits discrimination on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, status as a veteran, sexual orientation, marital status, parental status, gender identity, gender expression and genetic information in the University's programs and activities.

Admission Requirements

Below is an overview of admission requirements for KU's doctoral degree program in physical therapy and KU's Master of Science in Athletic Training.

- 1. Undergraduate Degree:** A bachelor's degree from a regionally accredited institution must be completed prior to the start of the program. The degree may be in any field but must include all classes listed in the prerequisite courses section below.
- 2. Experience:** Physical Therapy Applicants are expected to possess a general understanding of health care and physical therapy based upon employment, observation or volunteer experiences. Although KU does not require specific hours, applicants are encouraged to invest the time they need to acquire knowledge of the role of physical therapists in health care.
Athletic Training Applicants are expected to have a general understanding of health care and athletic training. Although KU does not require specific hours be documented, applicants are encouraged to invest the time needed to acquire knowledge of the role of athletic trainers in health care through a minimum of 40 hours of observation or volunteer experience with a credentialed athletic trainer.
- 3. Recommendations:** Physical Therapy Applicants need three recommendations and must be submitted to PTCAS. One recommendation from a physical therapist is required.
Athletic Training Applicants need two recommendations and must be submitted to ATCAS. One reference must be received from a credentialed athletic trainer. The other should be from a faculty member, advisor, employer, etc.

- 4. Grade Point Average 3.0:** To achieve regular status, an overall 3.0 cumulative grade point average on a 4.0-scale is required. Historically, accepted applicants have had a cumulative GPA significantly higher than 3.0. In addition, student transcripts must document a minimum 3.0 grade point average (on a 4.0 scale) in all prerequisite courses including math and science course work.
- 5. "C" Grade or Higher:** A passing grade is required in all prerequisite courses. A "D" is not considered a passing grade. **All prerequisite science courses must be completed within the last 10 years.**
- 6. Background Check:** The Joint Commission on Accreditation of Healthcare Organizations requires all incoming students to pay for a background check.
- 7. International Students:** An applicant is considered an international student if he or she requires a visa, or currently resides in the U.S. with non-immigrant status, or currently resides in the U.S. while applying for permanent residency. Additional requirements and documentation, such as proof of English language proficiency, are required for international students to become eligible for KU programs.
- 8. Vaccine & Clinical Site Requirements:** Athletic Training only - Matriculated students will need to provide an immunization profile prior to participating in curricular and/or clinical experiences required by the program. Please read the information found at [the bottom of the program's curriculum page](#) and be sure that you understand these requirements.

Application Process

- Physical Therapy - To apply to the KU Doctor of Physical Therapy program, students must complete the online application through PTCAS at <http://www.ptcas.org>. All required materials are submitted directly to this service, and PTCAS will forward all application materials to your designated programs. Information regarding deadlines can be found at KU's program page at <https://ptcasdirectory.apta.org/523/University-of-Kansas-Medical-Center>.
- Athletic Training - To apply to the KU Master of Science in Athletic Training program, students must complete the online application through ATCAS at <https://atcas.liaisoncas.com/applicant-ux/#/login>. All required materials are submitted directly to this service. Information regarding deadlines can be found at KU's program page, click [here](#).
- **Students are encouraged to apply as early as possible.**
- Physical Therapy - Once the department receives the completed PTCAS application, the applicant will receive an email prompting verification of the KU Medical Center application and payment of the \$75.00 supplemental KU fee.
- Athletic Training - Once the department receives the completed ATCAS application, applicants will receive instructions by email for submitting a supplemental application to the University of Kansas using the [KU's online application portal](#). A \$6.00 supplemental KU application fee will be due at this time. If offered admission to the program, students will receive directions to provide a non-refundable deposit of \$100. This amount will be applied toward your first summer tuition and fees if you enter the program. If you change your plans and you decide not to enter the program at any time, your deposit will not be refunded.
- Physical Therapy - For accepted students without transcripts available at the time of application, final official transcripts must be sent to the department at the end of the semester in which the undergraduate degree was achieved.
- Athletic Training - Arrange to have one official copy of each transcript, from every college and university attended, sent directly to the program via ATCAS. Students may not receive transcripts and forward them.

Required Prerequisite Courses: Please note the following requirements related to prerequisite course work:

- A single course may not be used to fulfill more than one prerequisite requirement (except a combined human anatomy/physiology class that is five (5) semester credits or greater and includes a laboratory may be used to fulfill both the anatomy and physiology requirements).
- All prerequisite course work must be taken for a grade. Classes scored as pass/fail, credit/noncredit or satisfactory/unsatisfactory are not acceptable. However, CLEP, ACT and Advanced Placement credits are acceptable when officially documented on a college transcript.
- All prerequisite course work must be completed before the start of the program. Preference will be given to students having completed at least 80% of the prerequisites at the time of application.
- If a prerequisite course is taken more than once (even if at different universities), all instances that appear on the official transcript must be reported. The grades from the best score on each class will be used in prerequisite GPA calculations.

KU Prerequisite Requirements <i>(same prerequisite requirements for Physical Therapy and Athletic Training unless noted below)</i>	JCCC Equivalent	Hrs
CHEMISTRY: Physical Therapy - two courses with laboratory. Athletic Training – one course with lab (4 hrs) These courses must be college level. The courses may be inorganic chemistry, or they may be a combination of organic, inorganic or biochemistry. Introductory courses that cannot be used as prerequisites for more advanced courses are not acceptable.	CHEM 124/125 General Chemistry I*/Lab* CHEM 131/132 General Chemistry II*/Lab*	4/1 4/1
PHYSICS: Physical Therapy - two courses with laboratory. Athletic Training – one course with lab (4 hrs) These courses must be college level and cover a broad background in physics, including the principles and application of mechanics, fluids, heat, thermodynamics, sound waves, electricity, magnetism, and light.	PHYS 130 College Physics I* PHYS 131 College Physics II*	5 5
ANATOMY: one course with laboratory. This course may be human or mammalian anatomy, although human is preferred. A dissection laboratory is not required, but the course must contain some type of laboratory experience. A two-course sequence in anatomy and physiology with laboratory is acceptable. If a single combined human anatomy and physiology course (with laboratory) is five semester credits or greater, it can fulfill both the anatomy and physiology requirements. HUMAN PHYSIOLOGY: one course with laboratory. This course must contain a laboratory experience. <i>A two-course sequence in anatomy and physiology with laboratory is acceptable. If a single combined human anatomy and physiology course (with laboratory) is five semester credits or greater, it can fulfill both the anatomy and physiology requirements.</i>	BIOL 140 Human Anatomy AND BIOL 225 Human Physiology* OR BIOL 144 Human Anatomy and Physiology*	4 4 5
BIOLOGY: Physical Therapy - two courses with laboratory. It is recommended the second biology course be an upper-level course such as microbiology. Botany is not acceptable for this requirement. Athletic Training – one course with lab (4 hrs)	BIOL 121 Introductory Biology for Non-Majors OR BIOL 135 Principles of Cell and Molecular Biology BIOL 230/231 Microbiology*/Lab*	4 4 3/2
STATISTICS: one course. This course should include the following content areas: elementary descriptive statistics on a sample of measurements, probability, binomial and normal distributions, sampling from populations, and simple problems of statistical inference. Biomedical statistics, education statistics or business statistics courses are acceptable.	MATH 181 Statistics*	3

KU Prerequisite Requirements <i>(same prerequisite requirements for Physical Therapy and Athletic Training unless noted below)</i>	JCCC Equivalent	Hrs
PSYCHOLOGY: one course. It is recommended students enroll in a general psychology course (that includes content in basic psychology theory and research). A second course is <i>recommended</i> in abnormal psychology or developmental psychology, for Physical Therapy students only.	PSYC 130 Introduction to Psychology PSYC 215 Child Development* OR PSYC 218 Human Development*	3 3 3
EXERCISE PHYSIOLOGY: one course required for Athletic Training degree.	HPER 215 Introduction to Exercise Science	3
KINESIOLOGY, BIOMECHANICS, OR HUMAN MOVEMENT ANALYSIS: one course required for Athletic Training degree.	HPER 209 Introduction to Kinesiology*	3
PERSONAL HEALTH, COMMUNITY HEALTH, OR WELLNESS: one course required for Athletic Training degree.	HPER 202 Personal Community Health	3
NUTRITION: one course required for Athletic Training degree.	BIOL 235 The Science of Human Nutrition*	3
<u>Recommended Courses for Physical Therapy:</u> The following courses are <u>not required</u> for admission, and grades from these courses will not be included in any prerequisite GPA calculations. However, our faculty believes incoming students will benefit tremendously from having taken these courses. Therefore, we <u>strongly recommend</u> these courses to prospective applicants: One course in exercise physiology. Courses that involve strong writing and communication skills. One course in kinesiology. This course should introduce the student to the anatomical and mechanical principles of human movement.	HPER 215 Introduction to Exercise Science ENGL 121 Composition I* ENGL 122 Composition II* COMS 120 Interpersonal Communication COMS 121 Public Speaking COMS 125 Personal Communication COMS 180 Intercultural Communication HPER 209 Introduction to Kinesiology*	3 3 3 3 3 3 3

* JCCC course has a prerequisite or corequisite.

It is the STUDENT'S RESPONSIBILITY to check for updates to all transfer information. This transfer guide is provided as a service and is updated as needed. Degree requirements at the four-year colleges are subject to change by those institutions. To ensure you have the most accurate up to date information about the program, it is imperative you meet with an advisor at the transfer institution.