The College of Health Sciences is one of the five health professions colleges which, with the University Hospital, constitute the health science campus of the University of Kentucky.

The College of Health Sciences is composed of the Department of Clinical Sciences, the Department of Health Services, and the Department of Rehabilitation Sciences.

Today health science professionals are assuming greatly expanded and increasingly complex duties and responsibilities as essential members of the health care team. They work in a variety of delivery settings and have key responsibilities for the care and health of patients, clients, and communities. The UK College of Health Sciences, established in 1966, was among the first colleges to offer programs for students interested in these rapidly developing health professions. The college strives continually to revise its offerings in keeping with society’s evolving expectations and health care needs.

Undergraduate Programs in Health Sciences

The University of Kentucky grants the following degree in the College of Health Sciences:

- Bachelor of Health Sciences

Students pursuing the Bachelor of Health Sciences may select from these majors: communication disorders and physical therapy.

ADMISSIONS PROCEDURES

Baccalaureate Programs

Baccalaureate programs in the College of Health Sciences are divided into preprofessional and professional programs. A preprofessional program is comprised of courses prerequisite to professional program content as well as University Studies requirements. Freshman and transfer students who have initially not completed prerequisites for entrance into a professional program complete only the first step of the application process—application to the University of Kentucky. Freshman applicants to the college will be admitted if they meet University entrance requirements.

A professional program is comprised of all courses and clinical experiences required for students who have applied for and have been accepted into professional programs. Consideration for admission to the college’s professional programs requires completion of prerequisite course work and completion of the professional application procedure.

Therefore, the admissions procedure for all undergraduate programs within the College of Health Sciences is a two-step process. Applicants must first be accepted by the University of Kentucky and second must apply for admission to a professional program approximately two semesters prior to completing prerequisites.

This selection procedure is necessary because of the limited space in the professional years of the health sciences programs.

Requirements for the first several years (preprofessional program) may be completed at the University of Kentucky, a UK community college, or another fully accredited college or university.

At the time of application to the professional program, the student should have completed the prerequisites required for application to the program he or she plans to enter, and have plans to complete all prerequisites before actual enrollment in the professional program.

It is essential that complete, accurate information be furnished on the application. Individuals seeking entry into the professional programs or those admitted to the programs through falsified or misleading information may be dropped from consideration or dismissed from the programs.

Persons not enrolled at the University of Kentucky must complete applications to both the University of Kentucky and the professional program. Application materials are available from:

Office of Student Affairs
College of Health Sciences
900 S. Limestone St.
University of Kentucky
Lexington, KY 40536-0200
(859) 323-1100

Deadlines and specific application instructions are listed for each program in the de-

APPLICATION DEADLINES FOR UNDERGRADUATE PROGRAMS IN HEALTH SCIENCES

Professional Program Applicants (Students who have completed prerequisites at UK, UK community colleges, or other accredited colleges or universities)

Students must request applications from the Office of Student Affairs in the College of Health Sciences. Applications for fall admission are available from September 1 to December 15; applications for spring admission are available from February 1 to April 30.

<table>
<thead>
<tr>
<th>Program</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall start</strong></td>
<td></td>
</tr>
<tr>
<td>Communication Disorders</td>
<td>Feb. 1</td>
</tr>
<tr>
<td>Physical Therapy</td>
<td></td>
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<tr>
<td><strong>Spring start</strong></td>
<td></td>
</tr>
<tr>
<td>Communication Disorders</td>
<td>June 1</td>
</tr>
<tr>
<td>Physical Therapy</td>
<td></td>
</tr>
</tbody>
</table>
College of Health Sciences

Graduate Programs

Students who want to earn advanced degrees in health sciences fields must be admitted to the University of Kentucky Graduate School. For complete information, students should refer to The Graduate School Bulletin or contact:

Graduate School Admissions
351 Patterson Office Tower
University of Kentucky
Lexington, KY 40506-0027
(859) 257-4613
fax: (859) 323-5986

The College of Health Sciences offers graduate programs in the following areas: athletic training, clinical laboratory sciences, clinical nutrition, communication disorders, medical physics, physical therapy, physician assistant studies, radiological medical physics, and rehabilitation sciences.

PROBATION AND SUSPENSION

The probation and suspension rules for professional students in the College of Health Sciences appear under Academic Requirements in the front section of this Bulletin.

NOTICE TO ALL APPLICANTS

Some courses will require a period of training off campus in community facilities outside of Lexington.

ACADEMIC ADVISING

Academic advising is available from the College of Health Sciences. Students should report to the Office of Student Affairs to be assigned an advisor. Detailed information on each program is available by written request to the Office of Student Affairs.

For academic advising, contact:

Deedie Goodwin Lutz
Academic Advisor
(859) 323-1100 ext. 8-0546
dglutz01@uky.edu

BACCALAUREATE PROGRAMS

College Graduation Requirements

To graduate with a Bachelor of Health Sciences degree from the College of Health Sciences, a student must (1) satisfy University Studies requirements and (2) complete a minimum of 120 semester hours, including required courses in both the preprofessional and professional programs.

DEPARTMENT OF CLINICAL SCIENCES

Associate-to-Bachelor Degree Bridge Program in Clinical Laboratory Sciences

Clinical Laboratory Technician (or Medical Laboratory Technician) graduates may obtain the B.H.S. degree through the associate-to-bachelor degree bridge, or articulation curriculum option. This option is available for students throughout Kentucky and out-of-state students. Instruction is provided via the Internet and through other distance learning formats.

For more specific information on this option, including application requirements and deadlines, curriculum, and scheduling, contact:

Jean Brickell, Ph.D.
Distance Learning Coordinator
Clinical Laboratory Sciences Program
College of Health Sciences
900 S. Limestone St., Room 210A
Lexington, KY 40536-0200
(800) 851-7512
fax: (606) 436-8833
e-mail: jmbric@uky.edu
http://www.mc.uky.edu/cls/

DEPARTMENT OF REHABILITATION SCIENCES

B.H.S. with a major in COMMUNICATION DISORDERS

In keeping with the standards of the American Speech-Language-Hearing Association, the undergraduate program in communication disorders is considered to be a preprofessional degree program. In order to meet Kentucky and American Speech-Language-Hearing Association certification requirements, it is necessary to complete the master’s degree. Students pursuing this program should plan on six years to complete both the Bachelor of Health Science and Master of Science programs.

Admission to the Professional Program

The Communication Disorders program has selective admissions. Applicants must complete a minimum of 42 credit hours at the time of application. Students are admitted to the professional program on a competitive basis. Admission is based on cumulative grade-point average and ACT or SAT scores. Applicants must submit a letter of application and three references. New students are admitted only for the fall semester of the junior year. The application deadline is February 1.
degree must follow the application procedures as outlined through the Division of Physical Therapy for both the undergraduate and graduate sequence. Students apply for graduate status after completion of the first two semesters of the Professional Curriculum.

Additional related programs include the doctoral degree in rehabilitation sciences through the College of Health Sciences. Information about the other graduate offerings in physical therapy is available through the Division of Physical Therapy, University of Kentucky, 900 S. Limestone St., Room 204, Lexington, KY 40536-0200. Or call (859) 323-1100, ext. 8-0494.

**Dual Degree**

The following descriptors outline the requirements of the student to enter the graduate phase of this program of study (Bachelor of Health Science and Master of Science – terminal – non-thesis option). The student will have completed:

1) the overall undergraduate application process including references, appropriate University requirements, and acceptance into the Professional Program.

2) a minimum of 90 semester hours including specific University and Professional prerequisites and the first two semesters of the Professional Physical Therapy curriculum.

3) the graduate application process including references, GRE and University requirements (after completion of 1 and 2).

**Degree Requirements**

**Dual Degree Program**

The professional sequence of study results in the award of the dual degrees, the Bachelor of Health Science and a Master of Science in Physical Therapy. This involves a continuous 30 months of study, requiring the completion of approximately 100 semester hours. The 100 hours are divided among the following: 15 hours of basic/related science, 19 hours of clinical clerkship/internship and 64 hours of physical therapy didactic and laboratory experiences. The students complete a joint research project and present it in both an oral and written format during the final portion of their graduate sequence of study. Students must successfully complete a written comprehensive examination during the last educational term of the program. The students are awarded a Bachelor of Health Science degree through the College of Health Sciences and a Master of Science in Physical Therapy degree from The Graduate School upon completion of the Professional Program. The Professional phase of study is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE) of the American Physical Therapy Association.

**Professional Program Application Deadline**

(Spring admissions only)

**June 1** – Deadline for UK and professional program applications, recommendations, transcript(s) and GRE scores.

**University Studies Requirements**

See “University Studies Program” on pages 68-72 for the complete University Studies requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill University Studies areas. Students should work closely with their advisor to complete the University Studies Program requirements.

**Natural Sciences**

- CHE 105 General College Chemistry I ............... 3
- CHE 107 General College Chemistry II .............. 3
- CHE 115 General Chemistry Laboratory ............ 3
- BIO 150 Principles of Biology I ....................... 3
- BIO 151 Principles of Biology Laboratory I ......... 2
- BIO 152 Principles of Biology II ....................... 3
- BIO 153 Principles of Biology Laboratory II ....... 2
- PHY 211 General Physics .................................. 5
- PHY 213 General Physics .................................. 5

**Non-science Pre-Requirements**

- PSY 100 Introduction to Psychology .................. 4
- PSY 223 Developmental Psychology .................. 3
- CHE 105 General College Chemistry I ............... 3
- CHE 107 General College Chemistry II .............. 3
- CHE 115 General Chemistry Laboratory ............ 3
- BIO 150 Principles of Biology I ....................... 3
- BIO 151 Principles of Biology Laboratory I ......... 2
- BIO 152 Principles of Biology II ....................... 3
- BIO 153 Principles of Biology Laboratory II ....... 2
- PHY 211 General Physics .................................. 5
- PHY 213 General Physics .................................. 5
- STA 200 Statistics: A Force in Human Judgment ... 3
- STA 291 Statistical Method ................................ 3
- STA 291 Statistical Method ................................ 3

It is strongly recommended that the student include courses in mathematics, computer science and human anatomy in elective course work.

**Subtotal: Premajor Hours .................. 42**

**Major Requirements**

- ANA 801 Histology for Physical Therapy Students 1
- ANA 801 General Anatomy for Allied Health Professions .................................................. 5
- BSC 331 Behavioral Factors in Health and Disease .................................................................. 3
- PCH 412G Principles of Human Physiology Lectures ......................................................... 4
- PT 834 Introduction to Physical Therapy and Biometrics ..................................................... 3
- PT 804 Normal Functional Anatomy ................. 3
- PT 815 Basic Clinical Skills ............................. 5
- PT 856 Therapeutic Exercise I ......................... 2
- ANA 802 Neuroanatomy for Physical Therapy Students ......................................................... 2
- PT 645 Research and Measurement in Physical Therapy ..................................................... 3
- PT 652 Pathomechanics ......................... 3
- PT 831 Clinical Neurophysiology ..................... 2
- PT 854 Biology of Disease ............................. 3
- PT 835 Physical Therapy Clerkship I ............. 2
- PT 676 Electrophysiological Testing and Therapeutics ......................................................... 1
- PT 650 Dysfunction of Peripheral Joints .......... 3
- PT 654 Mechanisms of Motor Control ............. 3

**Suggested Electives**

- CHE 301 Organic Chemistry ......................... 3
- CHE 302 Organic Chemistry Laboratory ......... 1
- PHY 213 General Physics .................................. 5
- STA 200 Statistics: A Force in Human Judgment ... 3
- STA 291 Statistical Method ................................ 3
- STA 291 Statistical Method ................................ 3

It is strongly recommended that the student include courses in mathematics, computer science and human anatomy in elective course work.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT 847</td>
<td>Medical and Physical Therapy Management of Neurological Problems</td>
<td>3</td>
</tr>
<tr>
<td>PT 877</td>
<td>Cardio-Respiratory Therapy</td>
<td>2</td>
</tr>
<tr>
<td>PT 836</td>
<td>Physical Therapy Clerkship II</td>
<td>3</td>
</tr>
<tr>
<td>PT 663</td>
<td>Pharmacology for Physical Therapy Students</td>
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<tr>
<td>PT 628</td>
<td>Gerontology for Physical Therapy Students</td>
<td>1</td>
</tr>
<tr>
<td>PT 651</td>
<td>Dysfunction of Vertebral Joints</td>
<td>3</td>
</tr>
<tr>
<td>PT 825</td>
<td>Prosthetics</td>
<td>2</td>
</tr>
<tr>
<td>PT 887</td>
<td>Introduction to Physical Therapy Management</td>
<td>1</td>
</tr>
<tr>
<td>PT 626</td>
<td>Orthotics</td>
<td>2</td>
</tr>
<tr>
<td>PT 665</td>
<td>Neuromotor Development</td>
<td>3</td>
</tr>
<tr>
<td>PT 676</td>
<td>Electrophysiological Testing and Therapeutics</td>
<td>1</td>
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<tr>
<td>PT 686</td>
<td>Specialty Electives</td>
<td>1-4</td>
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<tr>
<td>PT 668</td>
<td>Research Topics in Physical Therapy: Analysis</td>
<td>1</td>
</tr>
<tr>
<td>PT 821</td>
<td>Assessment and Management of Patients With Acute Care Disorders</td>
<td>2</td>
</tr>
<tr>
<td>PT 827</td>
<td>Physical Therapy Management of the Spinal Cord Injured Patient</td>
<td>1</td>
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<tr>
<td>PT 837</td>
<td>Physical Therapy Internship I</td>
<td>4</td>
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<tr>
<td>PT 838</td>
<td>Physical Therapy Internship II</td>
<td>6</td>
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<tr>
<td>PT 839</td>
<td>Physical Therapy Internship III</td>
<td>6</td>
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<tr>
<td>PT 888</td>
<td>Advanced Physical Therapy Management</td>
<td>3</td>
</tr>
<tr>
<td>PT 669</td>
<td>Research Topics in Physical Therapy: Outcomes</td>
<td>1-3</td>
</tr>
<tr>
<td>PT 770</td>
<td>Seminar in Physical Therapy</td>
<td>3</td>
</tr>
</tbody>
</table>

**FIRST YEAR**

### Spring Semester

- **ANA 801** Histology for Physical Therapy Students | 1
- **ANA 811** Human Anatomy for Allied Health Professions | 5
- **BSC 331** Behavioral Factors in Health and Disease | 3
- **PGY 411G** Principles of Human Physiology Lectures | 4
- **PT 834** Introduction to Physical Therapy and Bioethics | 3

### Summer Sessions

- **PT 805** Normal Functional Anatomy | 3
- **PT 815** Basic Clinic Skills | 5
- **PT 856** Therapeutic Exercise I | 2

### Fall Semester

- **ANA 802** Neuroanatomy for Physical Therapy Students | 2
- **PT 645** Research and Measurement in Physical Therapy | 3
- **PT 653** Pathomechanics | 3
- **PT 831** Clinical Neurophysiology | 2
- **PT 854** Biology of Disease | 3
- **PT 835** Physical Therapy Clerkship I | 2
- **PT 676** Electrophysiological Testing and Therapeutics | 1

**SECOND YEAR**

### Spring Semester

- **PT 650** Dysfunction of Peripheral Joints | 3
- **PT 654** Mechanisms of Motor Control | 3
- **PT 847** Medical and Physical Therapy Management of Neurological Problems | 3
- **PT 877** Cardio-Respiratory Therapy | 2
- **PT 836** Physical Therapy Clerkship II | 3

### Summer Sessions

- **PT 603** Pharmacology for Physical Therapy Students | 1
- **PT 628** Gerontology for Physical Therapy Students | 1
- **PT 651** Dysfunction of Vertebral Joints | 3
- **PT 825** Prosthetics | 2
- **PT 887** Introduction to Physical Therapy Management | 1
- **PT 826** Orthotics | 2

### Fall Semester

- **PT 655** Neuromotor Development | 3
- **PT 676** Electrophysiological Testing and Therapeutics | 1
- **PT 686** Specialty Electives | 3-4
- **PT 668** Research Topics in Physical Therapy: Analysis | 1
- **PT 821** Assessment and Management of Patients With Acute Care Disorders | 2
- **PT 827** Physical Therapy Management of the Spinal Cord Injured Patient | 1
- **PT 837** Physical Therapy Internship I | 4

**THIRD YEAR**

### Spring Semester

- **PT 838** Physical Therapy Internship II | 6
- **PT 839** Physical Therapy Internship III | 6

### Summer Sessions

- **PT 669** Research Topics in Physical Therapy: Outcomes | 1
- **PT 770** Seminar in Physical Therapy | 3

For more information, contact:

**Physical Therapy Program**

**900 S. Limestone St., Room 204**

University of Kentucky

Lexington, KY 40536-0200

(859) 323-1100 ext. 8-0494

**Rural Health Center**

In 1992, the College of Health Sciences initiated a special program in physical therapy based at the Center for Rural Health in Hazard, Kentucky. This program is designed to prepare students to meet the unique health care needs of rural areas and to train professionals to deliver physical therapy services in rural environments. The program includes coursework in rural health care, community health, and clinical experiences in rural settings. Students are prepared to provide physical therapy services in a variety of rural health care settings.

**Graduate Degrees in Health Sciences**

**Master of Science in Athletic Training**

The master’s degree program in Athletic Training (AT) is designed to accommodate both NATA certified athletic trainers and NATA “certification eligible” athletic trainers. Course work and clinical experiences are designed to develop skills necessary to conduct research and increase proficiency in sports injury prevention, treatment, and rehabilitation. It is a goal that graduates become critical consumers of research and accepted clinical practices, advanced health care providers, and leaders in the clinical, educational, and research endeavors of the profession.

**Master of Science in Clinical Laboratory Sciences**

The College offers the Master of Science in Clinical Laboratory Sciences. For more information, contact:

**Doris J. Baker, Ph.D., Director**

**Clinical Laboratory Sciences Program**

**900 S. Limestone St., Room 209G**

University of Kentucky

Lexington, KY 40536-0200

(859) 323-1100 ext. 8-0854
e-mail: dbaker@uky.edu

http://www.mc.uky.edu/cls/

**Master of Science in Communication Disorders**

The Master of Science in Communication Disorders is designed for students seeking entry-level professional preparation in speech-language pathology. The degree is available for students who have completed an undergraduate major in communication disorders. Any student with an undergraduate major in Communication Disorders should apply as a prerequisite student in the undergraduate program to complete the prerequisite course work. The curriculum incorporates course work and intensive clinical practicum experiences designed to prepare students to meet state licensure and national certification requirements. For further information, contact:

**Director of Graduate Studies**

**Division of Communication Disorders**

**900 S. Limestone St., Room 120**

University of Kentucky

Lexington, KY 40536-0200

(859) 323-1100 ext. 8-0557

**Master of Science in Health Physics**

This program option produces specialists in the safe, efficient use of radiation and radioactive materials. Such professionals are responsible for the protection of the health and safety of users of radiation and the general public. The health physicist draws upon knowledge and skills derived from physics, mathematics, biology, medicine, chemistry, and management. As use of radiation has become more frequent and highly regulated, employment of radiation protection specialists has greatly increased. For further information about this program, contact:

**Division of Radiation Sciences**

**900 S. Limestone St., Room 208**

University of Kentucky

Lexington, KY 40536-0200

(859) 323-1100 ext. 8-0847
e-mail: rccrhl@uky.edu
Master of Science in Nutritional Sciences

The program is designed to develop nutrition specialists, knowledgeable in the metabolic changes that occur in normal exercise and various pathophysiological states. Opportunities for specialization are available in the areas of nutrition support, wellness and sports nutrition, community nutrition, and molecular biochemical nutrition. In addition, concurrent participation in an American Dietetic Association (ADA) approved dietetic internship and/or Physician Assistant Program are possible. Continued graduate study in Clinical Nutrition is possible through the multidisciplinary Ph.D. program in Nutritional Sciences.

The courses provide the student with in-depth knowledge of the role of nutrition in metabolism, the physiology of organ systems, and the pathophysiology of specific disease states. Elective course selections provide program focus while allowing maximum flexibility to meet individual needs. A minimum of 35 credit hours of course work is required for graduation.

For further information, contact:

Clinical Nutrition
900 S. Limestone St., Room 214
University of Kentucky
Lexington, KY 40536-0200
(859) 323-1100 ext. 8-0516

Master of Science in Physician Assistant Studies

Criteria for Admission

All applicants must have taken the Graduate Record Examination (GRE) within the last five years. Official scores of the verbal, quantitative and analytical portions of the GRE must be submitted with application.

All applicants must hold a baccalaureate degree with a minimum GPA of 3.0 accredited college or university. Applicants must have earned a C grade or better in the following prerequisite courses:

Prerequisite Courses
1 semester of general chemistry with laboratory
1 semester of organic chemistry with laboratory
1 semester of general psychology
1 semester of developmental psychology
1 semester of biology/zooology with laboratory
1 semester of microbiology (lab recommended)
1 semester of sociology/anthropology
1 semester of human anatomy
1 semester of human physiology
1 semester of medical terminology

Letters of Recommendation

Three (3) letters of recommendation must be submitted from persons familiar with the applicant (for at least one year) and his/her professional goals.

Commitment

Applicants must demonstrate an understanding of and commitment to the role and responsibilities of a physician assistant.

Admission Essays

Applicants must submit an Admissions Essay according to the directions of the application for admission. The writing sample must be of graduate level quality and reflect the applicant’s commitment to primary care.

Basic Life Support

Proof of current American Heart Association certification of basic life support must be submitted at the time of application and certification must be maintained throughout the program.

Technical Standards

All applicants must comply with the Technical Standards of the Physician Assistant Studies Program as established by the College of Health Sciences.

Interview

Competitive applicants who have complete files and who meet the minimum entrance requirements as set forth above will be granted an interview.

Health Care Experience

Health care experience is preferred, but not required.

For further information, contact:

Physician Assistant Studies
900 S. Limestone St.
University of Kentucky
Lexington, KY 40536-0200
(859) 323-1100 ext. 8-0492
www.mc.uky.edu/pa

Physician Assistant Program – Morehead, Kentucky

The College of Health Sciences offers an extension of the UK Physician Assistant Studies Program in Morehead, Kentucky. This professional program conducts selective admissions during the summer semester each year. The program selectively admits students from the 32 counties of eastern Kentucky, or students with a special interest in rural health. For information on eligibility requirements and applications, please contact:

Student Services Officer
Physician Assistant Program
UPO Box 715, Reed Hall 225
Morehead, KY 40351-1689
(606) 783-2636

Master of Science in Radiological Medical Physics

This program option trains professionals involved with the application of ionizing and nonionizing radiation to the diagnosis and treatment of disease. Such individuals plan radiation treatments for cancer patients, measure output from radiation sources, calibrate and evaluate instrumentation, design radiation facilities, and control medical radiation hazards.

For further information about this program option, contact:

Division of Radiation Sciences
900 S. Limestone St., Room 208
University of Kentucky
Lexington, KY 40536-0200
(859) 323-1100 ext. 8-0847
e-mail: rchri1@uky.edu