The College of Health Sciences offers a minor in Health Advocacy.

Students desiring to explore their options in healthcare can select the Exploratory in the Health Sciences program as an initial course of study before making a long-term selection.

Undergraduate Certificates

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

- Clinical Healthcare Management
- Nutrition for Human Performance
- Research in Human Health Sciences

Exploratory Studies in Health Sciences

Exploratory Studies in Health Sciences (EHS) provides a home for students who are exploring potential majors at University of Kentucky for a pathway to working in health care. The EHS Academic Advisor assists students with their transition to university, identification of a best fit major for their professional goals, and transition to their chosen academic major and college. Students may enter EHS because there are many areas that interest them, they are weighing options for major choice leading to their health profession goal, or they wish to explore professional options more generally and have some interest in health.

In addition to participation in academic and career advising and co-curricular activities, incoming EHS students will be required to follow a curricular pathway. The curricular path will include a set of courses that provides students with the greatest opportunity for successful matriculation into a CHS program of study and is centered on exposure to the vast opportunities available in the college and in overall healthcare related fields. The EHS students will be cohorted into courses that provide an opportunity for exploration and community connection. The curriculum is delineated in “EHS Curricular Pathway” below. Students may remain in Exploratory Studies until they have earned 60 credit hours. The academic advisor works with students to help them clarify their academic and professional goals, realistically assess their capabilities and options, develop an appropriate degree plan, connect with campus resources, and declare a major of interest. The advisor also makes referrals to student support services on campus for career interest testing, personal counseling, tutoring, and assistance with study skills.

Application Deadlines for Undergraduate Programs in Health Sciences

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

Applications are available on the program website (see below):

- Clinical Leadership and Management
  www.uky.edu/chs/clm

- Communication Sciences and Disorders
  www.uky.edu/chs/csd

- Human Health Sciences
  www.uky.edu/chs/hhs

- Medical Laboratory Science
  Traditional Track (Lexington/Hazard)
  MLT to MLS Track
  www.uky.edu/chs/mls
College of Health Sciences

EHS Curricular Pathway

Fall Hours
*CIS/WRD 110 Composition and Communication I .......... 3
PSY 100 Introduction to Psychology .................................. 4
MA course ........................................................................... 3-4
UK Core – Humanities ......................................................... 3
**HHS 101 Survey of Health Professions I ..................... 1
*UK 101 Academic Orientation ........................................... 1
Total: .................................................................................. 15-16

Spring
*CIS/WRD 111 Composition and Communication II .......... 3
**HHS 241 Health and Medical Care
Delivery Systems .................................................................. 3
UK Core – US Citizenship ..................................................... 3
UK Core – Natural Science .................................................... 3-5
MA course
or
UK Core – Statistical Inferential Reasoning .................... 3-4
†College of Health Sciences Career Exploration course and/or
UK 150 Career and Major Exploration
(Subtitle required) ............................................................... 1-2
Total: .................................................................................. 16-20

Fall
UK Core – Global Dynamics ............................................... 3
UK Core – Arts & Creativity .................................................. 3
MA course
or
UK Core – Statistical Inferential Reasoning .................... 3-4
CLA 131 Medical Terminology from Greek and Latin or
Major course ........................................................................ 3
Major or minor course .......................................................... 3
†College of Health Sciences Career Exploration course and/or
UK 150 Career and Major Exploration
(Subtitle required) ............................................................... 1-2
Total: .................................................................................. 16-18

*Section restricted to CHS students.
**Section restricted to EHS students.
†Choose from: AT 120, CSD 120, CLM 120, HHS 101, MLS 120, PT 120.

ADMISSIONS PROCEDURES

Baccalaureate Programs

Baccalaureate programs in the College of Health Sciences prepare students for the health professions. Students must first make application to the University of Kentucky.

A premajor program (Pre-Communication Sciences and Disorders, and Pre-Medical Laboratory Sciences) is comprised of courses prerequisite to professional program content as well as UK Core 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 into a premajor program if they meet University entrance requirements or to the Clinical Leadership and Management or the Human Health Sciences program if they are selected for admission.

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.

The admissions procedure for all baccalaureate programs require a two-step process. Applicants must first be accepted by the University of Kentucky and second must apply for admission into a professional program. The timing for the secondary application varies by program. Students applying to the Clinical Leadership and Management and Human Health Sciences submit a secondary application prior to admission in the College of Health Sciences. Students applying to Communication Sciences and Disorders and Medical Laboratory Science programs within the College of Health Sciences 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 community college, or another fully accredited college or university.

At the time of application to the major 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 as directed by each program. Transfer students into Human Health Sciences are strongly encouraged to complete the following prerequisites prior to application:

CHE 105 General Chemistry I
and
CHE 111 General Chemistry I Laboratory ................................ 5
PSY 100 Introduction to Psychology .................................... 4
MA 137 Calculus I With Life Science Applications ............... 4

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:

Clinical Leadership and Management
www.uky.edu/chs/clm

Communication Sciences and Disorders
www.uky.edu/chs/csd

Human Health Sciences
www.uky.edu/chs/hhs

Medical Laboratory Science
www.uky.edu/chs/mls

Deadlines and specific application instructions are listed for each program in the descriptions which follow. Additional information for each program is available on their respective websites.

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
201 Gillis Building
University of Kentucky
Lexington, KY 40506-0033
859-257-4613
fax: 859-323-5986
http://gradschool.uky.edu/

The College of Health Sciences offers graduate programs in the following areas: Athletic Training, Communication Sciences and Disorders, Physician Assistant Studies, and Rehabilitation Sciences; and a professional program in Physical Therapy.

PROBATION AND SUSPENSION

The probation and suspension rules for all students in the College of Health Sciences appear under Academic Requirements in the front section of this Bulletin and the Technical and Behavior Standards at: www.uky.edu/chs/current-students/technical-standards-collegehealth-sciences.

BACKGROUND CHECKS AND DRUG SCREENS

The College of Health Sciences requires full background checks and drug screenings for all students. This has become necessary due to the increasing numbers of our affiliates (e.g., hospitals, schools, units) that are requesting drug testing for employees and students who are trained by them. The college works with a company called Castle Branch to meet these requirements. Students MUST complete these requirements via the Castle Branch system. Background checks and drug screens from other sources will NOT be accepted. The UK
College of Health Sciences

Castle Branch portal can be found at: https://uky-health.castlebranch.com/UK33. Select “Place order”. Students can expect to pay approximately $95 to the company. Information regarding this process will be provided and will need to be completed prior to the student’s start of applicable program. The student and the college will receive results shortly after the process is completed. If necessary, the student will have the opportunity to discuss or explain any discrepancies. Students failing to submit these documents will not be granted final acceptance into applicable program.

Students must understand that this background check and drug screening may not be the last or final request, as additional checks may be required by particular clinical sites, the program, and/or college. A “positive” result during one’s student tenure may lead to dismissal from the program – students are encouraged to be proactive in conversations about potential background check issues and should contact Tammy Jo Edge at Tammy.Edge@uky.edu for advisement with this matter. Costs associated with these tests will be the student’s responsibility.

NOTICE TO ALL APPLICANTS
Some programs will require a period of training off-campus in community facilities outside of Lexington.

ADMISSIONS, RECRUITMENT AND 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 detailed on each program’s website.

For academic advising and recruiting, contact:

Heather Hardesty, M.S.
Academic Advisor
heather.hardesty@uky.edu
859-218-0546

or

Amy Karr, M.A.
Academic Advisor
amy.karr@uky.edu
859-323-7881

or

William Bickers, B.A.
Director of Recruitment
Chs-admissions@uky.edu
859-323-6743

or

Casey Shadix, Ph.D.
Director of Advising
casey.shadix@uky.edu
859-218-0573

or

Sarah Sheff, Ph.D.
Academic Advisor
sarah.sheff@uky.edu
859-218-0491

or

William Bickers, B.A.
Director of Recruitment
Chs-admissions@uky.edu
859-323-6743

For additional information, go to: www.uky.edu/chs/clm.

Application Process and Requirements
The Clinical Leadership Management program employs a comprehensive admissions model in which a number of factors are evaluated. Admissions information, including evaluation criteria and application deadlines can be found on the program’s website: www.uky.edu/chs/clinical-leadership-and-management/admissions

Academic advising and information about admissions is available from:

William Bickers, B.A.
Director of Recruitment
Chs-admissions@uky.edu
859-323-6743

or

Casey Shadix, Ph.D.
Director of Student Affairs
casey.shadix@uky.edu
859-218-0573

or

Randa Remer, Ph.D.
Director of Admissions
rrreme2@uky.edu
859-218-0545

All transfer credits to meet CLM program core courses and electives must receive prior approval by the CLM Director of Undergraduate Studies or student advisor. For additional information about program content, email Professor Sarah Kercsmar at:

Sarah Kercsmar, Ph.D.
CLM Director of Undergraduate Studies
sarah.kercsmar@uky.edu
859-218-0514

Students will have to maintain an overall GPA of 3.0 in the CLM Core Courses and an overall GPA of 2.8 in all courses. If during any semester the student drops below the GPAs designated above, the student will be placed on probation for one semester and if the GPA remains below 3.0 for the CLM Core Courses or less than an overall GPA of 2.8 the student will be suspended from the program.

UK Core Requirements
See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity
Choose one course from approved list

II. Intellectual Inquiry in the Humanities
Choose one course from approved list

III. Intellectual Inquiry in the Social Sciences
PSY 100 Introduction to Psychology

BACCALAUREATE PROGRAMS

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

HEALTH AND CLINICAL SCIENCES

B.H.S. with a major in
CLINICAL LEADERSHIP AND MANAGEMENT

Graduates of the Clinical Leadership and Management program earn a Bachelor of Health Sciences (B.H.S.) degree. The UK Clinical Leadership and Management Bachelor of Health Sciences degree lays the groundwork for graduates to pursue graduate education and careers as competent, evidence-informed, effective leaders and life-long learners prepared to engage in ethical and interprofessional healthcare management practice. Graduates develop fundamental knowledge, values, and skills to lead with cultural humility and promote compassionate, efficient, responsive services to improve healthcare outcomes, the patient experience, access to healthcare, and quality of life for people in the Commonwealth of Kentucky and beyond. Program graduates will be prepared to assume greater responsibilities at their current jobs, be better qualified for job promotions, and be positioned for graduate studies.

This degree program accommodates freshmen with an interest in healthcare administration, as well as associates degree, or transfer students from many allied health disciplines including, but not limited to: radiological technology, respiratory therapy, dental hygiene, clinical laboratory technicians, and nursing. Students who graduate from the Clinical Leadership and Management program may pursue careers such as: practice manager, patient experience, healthcare non-profit management, medical sales, etc.

or

Rebecca Serrano, MBA
Student Success and Financial Wellness Coordinator
rebecca.serrano@uky.edu
859-218-0864

or

Casey Shadix, Ph.D.
Director of Advising
casey.shadix@uky.edu
859-218-0573

or

Tammy.Edge@uky.edu

Castle Branch portal can be found at: https://www.uky-health.castlebranch.com/UK33. Select “Place order”. Students can expect to pay approximately $95 to the company. Information regarding this process will be provided and will need to be completed prior to the student’s start of applicable program. The student and the college will receive results shortly after the process is completed. If necessary, the student will have the opportunity to discuss or explain any discrepancies. Students failing to submit these documents will not be granted final acceptance into applicable program.

Students must understand that this background check and drug screening may not be the last or final request, as additional checks may be required by particular clinical sites, the program, and/or college. A “positive” result during one’s student tenure may lead to dismissal from the program – students are encouraged to be proactive in conversations about potential background check issues and should contact Tammy Jo Edge at Tammy.Edge@uky.edu for advisement with this matter. Costs associated with these tests will be the student’s responsibility.

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Students must understand that this background check and drug screening may not be the last or final request, as additional checks may be required by particular clinical sites, the program, and/or college. A “positive” result during one’s student tenure may lead to dismissal from the program – students are encouraged to be proactive in conversations about potential background check issues and should contact Tammy Jo Edge at Tammy.Edge@uky.edu for advisement with this matter. Costs associated with these tests will be the student’s responsibility.
### College of Health Sciences

| IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences |
| CLM 120 Careers in Clinical Leadership and Management | 3 |
| CHS 150 Introduction to Interprofessional Healthcare Seminar | 3 |
| **Premajor hours** | 5 |

| V. Composition and Communication I |
| CIS/WRD 110 Composition and Communication I | 3 |
| **VII. Quantitative Foundations** |
| Choose one course from approved list | 3 |
| VIII. Statistical Inferential Reasoning |
| STA 210 Making Sense of Uncertainty: An Introduction to Statistical Reasoning or STA 296 Statistical Methods and Motivations | 3 |
| IX. Community, Culture and Citizenship in the USA |
| Choose one course from approved list | 3 |
| X. Global Dynamics |
| Choose one course from approved list | 3 |
| **UK Core hours** | 31 |

| Graduation Composition and Communication Requirement (GCCR) |
| CLM 300 Healthcare Managers: Write, Speak, and Create | 3 |
| **Graduation Composition and Communication Requirement hours (GCCR)** | 3 |

| Electives |
| Students must take 22 elective credit hours, of which 15 must be at the 300-level or higher. |
| Elective hours | 22 |
| **TOTAL HOURS:** | 120 |

| B.S. with a major in HUMAN HEALTH SCIENCES |
| Students interested in health care have a variety of academic options. The Human Health Sciences (HHS) baccalaureate program was created to address the need for a well prepared health care work force. Graduates of this program will have a strong foundation in competencies necessary to deliver high quality health care in an interprofessional, dynamic environment. This program is not intended to replace traditional pathways to health care careers; instead, it is intended to offer a unique alternative for those who seek careers in health care and the health professions. Specifically, the degree offers eight options for students interested in future graduate or professional study: Athletic Training, Audiology, Dentistry, Occupational Therapy, Optometry, Pharmacy, Physical Therapy, and Physician Assistant programs. |

| Admission |
| Admission into the Human Health Sciences baccalaureate program is highly competitive. The Human Health Sciences program employs a comprehensive admissions model in which a number of factors are evaluated. Admissions information, including evaluation criteria and application deadlines can be found on the program’s website: www.uky.edu/chs/human-health-sciences/admissions. |

| Human Health Sciences students must maintain a 3.0 cumulative GPA and have a C or higher in all courses required for the degree in order to graduate. A D or E in any course, or term GPA below 3.0, will result in HHS probation. Failure to regain good standing during probation semester may result in HHS suspension. |

| UK Core Requirements |
| See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements. The Human Health Sciences baccalaureate program has selected specific UK Core courses that also meet major requirements. Students may choose their own UK Core approved course in areas where a specific one is not listed (e.g., Arts and Creativity, Humanities, etc.). |

| I. Intellectual Inquiry in Arts and Creativity |
| Choose one course from approved list | 3 |
| II. Intellectual Inquiry in the Humanities |
| Choose one course from approved list | 3 |
| III. Intellectual Inquiry in the Social Sciences |
| PSY 100 Introduction to Psychology | 3 |
| IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences |
| CHE 105 General College Chemistry I and CHE 111 General Chemistry I Laboratory | 5 |
| V. Composition and Communication I |
| CIS/WRD 110 Composition and Communication I | 3 |
| VI. Composition and Communication II |
| CIS/WRD 111 Composition and Communication II | 3 |
| VII. Quantitative Foundations |
| MA 137 Calculus I With Life Science Applications | 4 |
| VIII. Statistical Inferential Reasoning |
| Choose either: STA 210 Making Sense of Uncertainty: An Introduction to Statistical Reasoning or STA 296 Statistical Methods and Motivations | 3 |
| IX. Community, Culture and Citizenship in the USA |
| Choose one course from approved list | 3 |
| X. Global Dynamics |
| Choose one course from approved list | 3 |
| **Subtotal: UK Core hours** | 34 |

| Graduation Composition and Communication Requirement (GCCR) |
| HHS 453 Cultural Competence in Healthcare | 3 |
| **Graduation Composition and Communication Requirement hours (GCCR)** | 3 |

| Core Requirements for All HHS Tracks |
| HHS 101 Survey of Health Professions I | 1 |
| HHS 102 Survey of Health Professions II: Shadowing Experience | 1 |
| HHS 241 Health and Medical Care Delivery Systems | 3 |
| HHS 350 Health Policy and Politics | 3 |
| HHS 353 Ethics in Healthcare | 3 |
| HHS 356 Seminar in Interprofessional Healthcare: Part 1: Global Context | 1 |
| HHS 357 Seminar in Interprofessional Healthcare: Part 2: Community Engagement | 1 |
| HHS 361 Healthcare Quality and Patient Safety | 3 |
| HHS 362 Interdisciplinary Health Advocacy | 1 |
| HHS 363 Interdisciplinary Health Advocacy II | 1 |
| HHS 405 Social and Cultural Evolution of Disease | 3 |
| HHS 443 Health Information Management | 2 |
| HHS 453 Cultural Competence in Healthcare | 3 |
| HHS 454 Research in Human Health Sciences | 3 |
| CNU 503 Nutrition for Health Professions | 2 |
| **Subtotal: HHS Core** | 31 |
College of Health Sciences

Guided Electives (Required by HHS)

BIO 148 Introductory Biology I .......................... 3
BIO 152 Principles of Biology II ........................ 3
BIO 155 Laboratory for Introductory Biology I ...... 1
CHE 107 General Chemistry II ......................... 3
CHE 113 General Chemistry II Laboratory .......... 2
CLA 131 Medical Terminology ............................ 3
from Greek and Latin ........................................ 3
PHY 211 General Physics .................................. 5

Subtotal: Guided Electives .................. 20

Pre-Professional Track Course Requirements

Athletic Training Track
ANA 209 Principles of Human Anatomy ................. 3
AT 120 Careers in Athletic Training ..................... 3
KHP 190 First Aid and Emergency Care ............... 2
KHP 415 Biomechanics of Human Movement .......... 4
KHP 4206 Physiology of Exercise ....................... 3
PGY 206 Elementary Physiology ......................... 3
Free Electives ............................................. 19

Subtotal: ........................................ 35

Audiology Track
CSD 376 Anatomy and Physiology of Speech .......... 3
CSD 402 Speech and Hearing Science .................. 3
CSD 491 Audiology ......................................... 3
CSD 571 Neural Bases of Speech, Language, and Hearing 4
CSD 591 Auditory Rehabilitation .......................... 3
Free Electives ............................................. 19

Subtotal: ........................................ 35

Dentistry Track
BCH 401G Fundamentals of Biochemistry ............. 3
BIO 208 Principles of Microbiology .................... 5
or BIO 308 General Microbiology ....................... 5
BIO 309 Microbiology Laboratory ..................... 5
CHE 230 Organic Chemistry I ......................... 3
CHE 231 Organic Chemistry Laboratory ............. 1
CHE 232 Organic Chemistry II ......................... 3
CHE 233 Organic Chemistry Laboratory II .......... 1
ECC 201 Principles of Economics .................... 3
PGY 206 Elementary Physiology ....................... 3
Free Electives ............................................. 13

Subtotal: ........................................ 35

Occupational Therapy Track
ANA 209 Principles of Human Anatomy ................. 3
BIO 302 Introduction to Neuroscience ................ 3
HHS 501 Practicum in Clinical Leadership and Management 3
KHP 415 Biomechanics of Human Movement .......... 4
PGY 206 Elementary Physiology ....................... 3
Free Electives ............................................. 16

Subtotal: ........................................ 35

Optometry Track
ANA 209 Principles of Human Anatomy ................. 3
BCH 401G Fundamentals of Biochemistry ............. 3
BIO 208 Principles of Microbiology .................... 5
or BIO 308 General Microbiology ....................... 5
BIO 309 Microbiology Laboratory ..................... 5
CHE 230 Organic Chemistry I ......................... 3
CHE 231 Organic Chemistry Laboratory ............. 1
PSY 223 Developmental Psychology .................. 3
Free Electives ............................................. 17

Subtotal: ........................................ 35

Pharmacy Track
ANA 209 Principles of Human Anatomy ................ 3
BIO 208 Principles of Microbiology .................... 5
BIO 209 Introductory Microbiology Laboratory ...... 5
or BIO 308 General Microbiology ....................... 5
BIO 309 Microbiology Laboratory ..................... 5
CHE 230 Organic Chemistry I ......................... 3
CHE 231 Organic Chemistry Laboratory ............. 1
CHE 232 Organic Chemistry II ......................... 3
CHE 233 Organic Chemistry Laboratory II .......... 1
ECO 201 Principles of Economics .................... 3
PGY 206 Elementary Physiology ....................... 3
Free Electives ............................................. 13

Subtotal: ........................................ 35

Physical Therapy Track
BIO 304 Principles of Genetics .......................... 4
PHY 213 General Physics ................................ 5
PSY 223 Developmental Psychology .................. 3
Free Electives ............................................. 23

Subtotal: ........................................ 35

Physician Assistant Track
ANA 209 Principles of Human Anatomy ................. 3
BCH 401G Fundamentals of Biochemistry ............. 3
BIO 208 Principles of Microbiology .................... 5
or BIO 308 General Microbiology ....................... 5
BIO 309 Microbiology Laboratory ..................... 5
CHE 230 Organic Chemistry I ......................... 3
CHE 231 Organic Chemistry Laboratory ............. 1
CHE 232 Organic Chemistry II ......................... 3
HHS 451 Introduction to Medicine .................... 2
PGY 206 Elementary Physiology ....................... 3
PSY 223 Developmental Psychology .................. 3
Free Electives ............................................. 12

Subtotal: ........................................ 35

Required Courses for the Major
All HHS degree seeking students are required to complete ten courses totaling 31 credits. These courses provide students with comprehensive knowledge of healthcare and related issues and the initial competencies essential for the profession. Courses have a particular focus on interprofessional healthcare delivery.

Prerequisite Courses Unique to Each Option
These courses are consistent with the prerequisite requirements for each option program (Athletic Training, Audiology, Dentistry, Occupational Therapy, Optometry, Pharmacy, Physical Therapy, and Physician Assistant). Students will be advised accordingly to ensure they have met the course requirements for their program of interest.

Required Core Courses – Non-HHS
These courses are intended to support students’ preparation in the sciences and better prepare them for healthcare careers or entry into professional degree programs.

Prerequisite Courses Recommended But Not Required
The Dentistry, Pharmacy and Physical Therapy options have courses that are recommended, but not required. Students will be encouraged to take these courses, although taking these courses may extend their program. However, students completing the prerequisite recommended courses are traditionally more competitive for admission to future graduate and professional programs.

Track Related Major Requirements
The Dentistry and Physician Assistant options require an additional major course. For Dentistry, the course is HHS 450 Introduction to Dentistry (3 credits). For Physican Assistant, the course is HHS 451 Introduction to Medicine (2 credits).

General Electives
The University has many courses that add to the students’ course of study. Students will be advised accordingly.

For more information, visit:
www.uky.edu/chs/hhs

Jami Warren, Ph.D.
HHS Director of Undergraduate Studies
jami.warren@uky.edu
859-218-0489

or

Amy Karr, M.A.
Academic Advisor
amy.karr@uky.edu
859-323-7881

or

Rebecca Serrano, MBA
Student Success and Financial Wellness Coordinator
rebecca.serrano@uky.edu
859-218-0864

B.H.S. with a major in MEDICAL LABORATORY SCIENCE

The undergraduate Medical Laboratory Science (MLS) program prepares medical laboratory scientists who perform laboratory tests that aid the diagnosis, prevention, prognosis, and treatment of disease. MLS graduates are employed in a variety of health care settings including hospital and private laboratories, clinics, pharmaceutical companies, research institutions, the armed forces, and public health centers. In addition to performing laboratory tests, MLS graduates can serve as consultants, managers, sales and technical representatives, and educators.

The MLS Program is offered at the Lexington campus and at the Center of Excellence in Rural Health campus in Hazard, Kentucky. Within the MLS Program there are two tracks leading to a B.H.S. with a major in Medical Laboratory Science. The Traditional Track is for students who have completed general education courses and have met the program requirements.
University of Kentucky

College of Health Sciences

preprofessional requirements. (This includes transfer students and students seeking a second bachelor’s degree.) The MLT to MLS Track is only applicable to those who have earned an associate degree from a Medical Laboratory Technician (or Clinical Laboratory Technician) Program. (This track is offered via distance learning.)

Traditional Track Admission

The MLS program has selective admissions and students are admitted to the professional program on a competitive basis. Applicants must have completed all UK Core requirements and preprofessional requirements prior to entering the program. In addition, students holding baccalaureate degrees in a health-related science may apply to the MLS program (fulfillment of preprofessional courses is required) and earn a second baccalaureate degree.

Admission is based on cumulative grade-point average (GPA) for all courses taken at institutions of higher education (2.5 or higher on a 4.0 scale), cumulative GPA for preprofessional courses, and recommendation scores. Interviews may also be used in the admissions process. Applicants must submit an application and three recommendation forms.

The application deadline is March 1 for the Lexington Campus and May 1 for the Hazard Campus.

The Curriculum

A total of 120 credits (including 60 professional program credits, preprofessional credits, UK Core requirements and the Graduation Composition and Communication requirement credits) is required to receive the Bachelor of Health Sciences with a major in MLS degree.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list.................... 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list.................... 3

III. Intellectual Inquiry in the Social Sciences

PSY 100 Introduction to Psychology..................... 4

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

CHE 105 General College Chemistry I................... 4
CHE 111 General Chemistry I Laboratory................ 1

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I........ 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II........ 3

VII. Quantitative Foundations

MA 123 Elementary Calculus and Its Applications................ 4

VIII. Statistical Inferential Reasoning

STA 296 Statistical Methods and Motivations............. 3

IX. Community, Culture and Citizenship in the USA

Choose one course from approved list.................... 3

X. Global Dynamics

Choose one course from approved list.................... 3

Subtotal: UK Core hours ......................... 34

Graduation Composition and Communication Requirement (GCCR)

MLS 463 Immunohematology................................ 3
MLS 470 Clinical Correlations............................. 3

Graduation Composition and Communication Requirement hours (GCCR) ................ 6

Preprofessional Course Requirements

CHE 107 General College Chemistry II.................. 3
CHE 113 General Chemistry II Laboratory............... 2
BIO 208 Principles of Microbiology........................ 3
BIO 209 Principles of Microbiology Laboratory......... 2
PGY 206 Elementary Physiology........................... 3
BIO 148 Introductory Biology I or
BIO 152 Principles of Biology II......................... 3
BIO 155 Laboratory for Introductory Biology I........... 1
CHE 230 Organic Chemistry I............................. 3
CHE 231 Organic Chemistry Laboratory I................ 1
STA 296 Statistical Methods and Motivations............. 3

Subtotal: Premajor Course hours ............. 24

Professional Course Requirements

MLS 400 Laboratory Techniques and Phlebotomy........... 2
MLS 410 Medical Laboratory Biochemistry................ 3
MLS 420 Clinical Immunology and Serology................ 3
MLS 430 Clinical Mycology and Parastology............. 2
MLS 440 Molecular Diagnostics............................ 3
MLS 450 MLS Education and Management.................. 3
MLS 460 Clinical Hematology................................ 3
MLS 465 Clinical Hematology Laboratory................ 2
MLS 461 Clinical Microbiology............................. 3
MLS 466 Clinical Microbiology Laboratory................. 2
MLS 462 Clinical Chemistry................................. 3
MLS 467 Clinical Chemistry Laboratory................... 2
MLS 463 Immunohematology................................. 3
MLS 468 Immunohematology Laboratory.................... 2
MLS 464 Body Fluids and Hemostasis...................... 2
MLS 469 Body Fluids and Hemostasis Laboratory........... 2
MLS 470 Clinical Correlations.............................. 3
MLS 471 Professionalism in Medical Laboratory Science 1
MLS 480 Clinical Hematology Practicum................... 4
MLS 481 Clinical Microbiology Practicum.................. 4
MLS 482 Clinical Chemistry Practicum...................... 4
MLS 483 Immunohematology Practicum..................... 4

Subtotal: Professional Course hours .......... 60

Upon successful completion of the professional program, all students are eligible for the national certifying exam.

MLT to MLS Track

The MLT to MLS track (bridge) is an online program only available to those who have an associate degree from a medical laboratory technician (MLT) program.

Admission

Early academic advising for this track is crucial and is available from Heather Hardesty at: heather.hardesty@uky.edu and Sarah Sheff at: sarah.sheff@uky.edu.

The MLS Program has selective admissions and students are admitted to the professional program on a competitive basis. Applicants must have completed all UK Core requirements and preprofessional requirements prior to entering the program. Admission requirements include: cumulative grade-point average (GPA) for all courses taken at institutions of higher education of 2.5 or higher on a 4.0 scale, successful completion of all preprofessional courses, an associate degree from a MLT/CLT program, and certification (BOC preferred) or documentation of five years of work experience in a MLT position within a multidisciplinary laboratory, and current employment in a clinical laboratory that offers testing in all major disciplines. Admission is based on GPA, cumulative GPA for preprofessional courses, and recommendation scores. Interviews may also be used in the admissions process. Applicants must submit an application, three recommendation forms, official transcripts, resume, and documentation of MLT/CLT program completion.

The application deadline is June 1.

The Curriculum

A total of 120 credits (including 40-48 professional program credits, preprofessional credits, UK core requirements, and the Graduation Composition and Communication Requirement) is required to receive the Bachelor of Health Sciences with a major in MLS degree.

UK Core Requirements

UK Core Requirements are the same as those listed above under the Traditional Track heading.

Graduation Composition and Communication Requirement (GCCR)

MLS 463 Immunohematology................................. 3
MLS 470 Clinical Correlations.............................. 3

Graduation Composition and Communication Requirement hours (GCCR) ................ 6

Preprofessional Course Requirements

CHE 107 General College Chemistry II.................. 3
CHE 113 General Chemistry II Laboratory.............. 2
PGY 206 Elementary Physiology.......................... 3
BIO 148 Introductory Biology I or
BIO 152 Principles of Biology II......................... 3
BIO 155 Laboratory for Introductory Biology I........... 1
CHE 230 Organic Chemistry I............................. 3
CHE 231 Organic Chemistry Laboratory I................. 1
STA 296 Statistical Methods and Motivations............. 3

Subtotal: Preprofessional Course hours ....... 19
College of Health Sciences

Professional Course Requirements

- MLS 410 Medical Biochemistry .................................. 3
- MLS 420 Clinical Immunology and Serology .................. 3
- MLS 430 Clinical Mycology and Parasitology ................ 2
- MLS 440 Molecular Diagnostics .................................. 3
- MLS 450 MLS Education and Management ..................... 3
- MLS 460 Clinical Hematology ..................................... 3
- MLS 461 Clinical Microbiology .................................... 3
- MLS 462 Clinical Chemistry ....................................... 3
- MLS 463 Immunohematology ...................................... 3
- MLS 464 Body Fluids and Hemostasis ......................... 2
- MLS 470 Clinical Correlation ..................................... 3
- MLS 471 Professionalism in Medical Laboratory Science .... 1
- MLS 480 Clinical Hematology Practicum ....................... 2-4
- MLS 481 Clinical Microbiology Practicum ............... 2-4
- MLS 482 Clinical Chemistry Practicum ......................... 2-4
- MLS 483 Immunohematology Practicum ....................... 2-4

Subtotal: Professional Course hours .... 40-48

For additional information, refer to: www.uky.edu/chs/mls.

Or contact:
Steven Schwarze, Ph.D., MLS (ASCP)
MLS Program Director
srschw3@email.uky.edu
859-218-0846

Heather Hardesty, M.S.
Academic Advisor
heather.hardesty@uky.edu
859-218-0546

Sarah Sheff, Ph.D.
Academic Advisor
sarah.sheff@uky.edu
859-218-0491

Minor Requirements

- HHS 101 Survey of Health Professions I ....................... 1
- CLM 323 Social Determinants of Health ..................... 3
- HHS 241 Health and Medical Care Delivery Systems ....... 3
- CLM 350 Health Policy, Politics, and Law ................... 3
- HHS 353 Ethics in Healthcare .................................. 3
- HHS 362 Interdisciplinary Health Advocacy .................. 1
- HHS 363 Interdisciplinary Health Advocacy II ................ 1
- CLM 452 Community and Institutional Planning for Health Services Delivery ...................................... 3
- HHS 453 Cultural Competence in Healthcare ............... 3

Minor Electives

Choose any course with the director’s approval .............. 1-3

HHS 356 Seminar in Interprofessional Healthcare:
Part 1: Global Context .............................................. 1
HHS 361 Healthcare Quality and Patient Safety .................. 3
CNU 503 Nutrition for Health Professions ..................... 1-2
HHS 405 Social and Cultural Evolution of Disease .......... 3

Undergraduate Certificate in Clinical Healthcare Management

Successful completion of the certificate in Clinical Healthcare Management will demonstrate that the graduate is prepared to function successfully in a clinical leadership and management role in a health care institution. The program is useful for any currently enrolled UK student (except Clinical Leadership & Management majors) interested in obtaining clinical management skills; in addition, the program is useful for practicing clinical professionals (non-degree-seeking) such as nurses, physicians, dentists, physician assistants, physical therapists, respiratory therapists and other interested in enhancing their management skills.

Admission
Students will complete the required application form, available at www.uky.edu/chs/clinical-healthcare-management-certificate-application. Additionally, applicants will write a two paragraph response to the questions: “Why do you want to add the Clinical Healthcare Management certificate? How will it complement your current major?” A holistic review process is employed to determine fit for the certificate. Students need to articulate how the certificate can enhance their education to gain admission. Students who are Clinical Leadership & Management majors may not enroll in the certificate due to duplication of content.

Required Courses
The Clinical Healthcare Management Certificate is comprised of 12 credit hours, including 9 hours of required courses:

- HHS 241 Health and Medical Care Delivery Systems ........ 3
- CLM 325 Introduction to Health Care Management or
  *MGT 301 Business Management ................................. 3
- CLM 345 Quality and Productivity Improvement and Evaluation .................................................. 3

E elective
Choose one course from the following:

- CLM 350 Health Policy, Politics, and Law ................... 3
- CLM 353 Ethics in Health Services Management ........... 3
- CLM 323 Social Determinants of Health ..................... 3
- CLM 455 Financial Management of Healthcare Organizations ......................................................... 4
- HHS 405 Social and Cultural Evolution of Disease ........ 3
- CLM 444 Leadership: Human Resources Management in Healthcare ............................................. 3
- CLM 443 Leadership: Strategic Vision, Mission and Planning in Healthcare ....................................... 3
- CLM 342 Leadership: Management Competencies Essential to Lead in Healthcare ......................... 3
- CLM 452 Community and Institutional Planning for Health Services Delivery .................................. 3
- CLM 335 Health Information Management .................... 3
- CLM 453 Cultural Competence in Healthcare ............... 3
- ICT 326 Electronic Information Resources for Health Professionals .................................................. 3
- NUR 372 Current Healthcare Topics in the US ............. 3
- COM 571 Interpersonal Communication in Health Contexts .......................................................... 3

For more information, contact the Division of Clinical Leadership and Management within the Department of Clinical Sciences.

Sarah Kercsmar, Ph.D.
CLM Director of Undergraduate Studies
sarah.kercsmar@uky.edu
859-218-0514

Certificate in Undergraduate Research in Human Health Sciences

The Office of Research in the College of Health Sciences offers an undergraduate certificate in Undergraduate Research in Human Health Sciences. This certificate will enhance the educational goals of any University of Kentucky student interested in obtaining experience in health-related research to benefit the pursuit of a health care career.

Admissions Criteria
The admissions criteria for the certificate are as follows:

• a minimum second semester freshman GPA of 3.0
• a statement from a CHS faculty research mentor willing to work with the student
• an application submitted through the Office of Student Affairs

Before beginning, all students accepted into the certificate program will be required to:

• register with the UK Office of Undergraduate Research
• complete research ethics education as director by their mentor
• complete web-based biosafety modules as directed by their mentor

Required Courses

A total of 12-15 credit hours is required for the certificate. All required courses for the certificate must be completed with an overall GPA of 3.0 or better and each course within the certificate must be completed with at least a C or better. Courses are described below and can be adapted to accommodate students enrolled in the Honors Program as requested:

HHS 454 Research in Human Health Sciences .............. 3

This course provides an introduction to basic methods for undertaking research on issues related to health, health care, and within health services organizations and systems.

HHS 455 Research Experience in Human Health Sciences .............................................. 6-9*

HHS 455 provides the student with the opportunity to engage in independent work devoted to research on a specific problem with the goal of challenging the student to synthesize size concepts from his/her major program and relate them to his/her specific field of research interest. Students work under the direction of a faculty mentor in an area of mutual scientific interest. The student and mentor collaborate to develop a research contract that outlines the expectations of the research experience including: a description of the experience with goals and objectives, tasks for completing the objectives with timelines and assessment criteria, students seeking the UR certificate will complete, as part of one of their HHS 455 contracts, either (1) a presentation to a local targeted group (e.g. research day, professional meetings); (2) poster preparation for local/national/ international conferences; (3) manuscript development/writing with mentor, or (4) writing a scholarly literature review. Additional activities expected of CHS undergraduate research certificate holders may include participation in the mentor’s lab group/journal club, IRB or IACUC protocol preparation, discussions with the mentor on topics related to research ethics, and additional presentation experiences at scientific or public meetings deemed valuable by the faculty mentor.

*If a student comes from another academic unit with research experience, the mentor can agree to have 3 credit hours count toward the 6-9 credit hours of research experience required for the certificate. In addition, students could elect to complete this requirement under the direction of different mentors as long as they demonstrate this is justified for their scientific field of interest.

Mentor/student selected course work ......................... 3

(i.e. content specific to area of research) – 300 level or above

The student and mentor will collaborate to select an out-of-discipline course to meet this requirement of the certificate program. The course may come from any program on the UK campus with the caveat that the content of the course be specific to the student’s scientific field of interest. For example, a student with a major in communication studies and disorders interested in the effects of preterm birth on family stress might take a selected course in sociology (A&S), psychology (A&S), or health care navigation (HHS). A student interested in an aspect of aging muscle might take a course in gerontology (GRN) or public health (CPH). The connection between the selected course and its application to the area of research should be clearly linked in the agreement between the student and faculty mentor. In considering course options, the student/mentor must obtain any necessary instructor consent prior to student enrollment.

For more information contact:

Richard Andreatta, Ph.D.
Director of CHS Undergraduate Research Program
richard.andreatta@uky.edu
859-218-0523

Undergraduate Certificate in Nutrition for Human Performance

The Nutrition for Human Performance Certificate is a 14 credit hour program combining courses from HHS, DHN and KHP. The practice area of Nutrition for Human Performance continues to grow and has sparked interest among students pursuing undergraduate degrees in not only nutrition, but also kinesiology and health promotion and human health sciences (e.g., pre-medicine, pre-physical therapy, pre-physician assistant studies). Nutrition for Human Performance focuses on the integration of nutrition and exercise to properly support physical activity, fitness, and athletic performance at all levels, from those just starting an exercise program, to elite athletes, and those recovering from injury. The Certificate in Nutrition for Human Performance also provides students with cross-disciplinary knowledge of the relationship between exercise physiology, nutrition, and overall wellness.

This certificate provides a unique opportunity to expand student knowledge in an area not traditionally, or adequately, addressed in each individual degree programs. For students in dietetics and human nutrition, the certificate would provide specialized knowledge that would immediately make graduates more competitive at securing a supervised internship and/or employment (e.g., as a Registered Dietitian Nutrition (RDN) interested in professional certification as a specialist in sports nutrition). For students in human health sciences, the certificate would provide basic knowledge that would immediately make graduates more competitive at securing a supervised internship and/or employment (e.g., as a Registered Dietitian Nutrition (RDN) interested in professional certification as a specialist in sports nutrition). For students in human health sciences, the certificate would provide basic knowledge that would immediately make graduates more competitive at securing a supervised internship and/or employment (e.g., as a Registered Dietitian Nutrition (RDN) interested in professional certification as a specialist in sports nutrition).

For students in health care practices, policies and management. The Nutrition for Human Performance certificate enhances the value of the HHS degree by addressing a weakness found in many pre-health professions baccalaureate programs: absent to minimal nutrition and exercise education for healthcare professionals.

This certificate provides a unique opportunity to provide students with a better understanding and appreciation for how nutrition impacts athletic performance and the role of diet and exercise in disease prevention. Nationwide, this opportunity is not offered in most traditional pre-health profession programs (e.g., biology, chemistry) or only offered as separate entities with limited exposure (e.g., one class in kinesiology or basic nutrition).

The certificate program is available to any student in good academic standing (minimum GPA 3.0) that has an interest obtaining undergraduate knowledge of Nutrition for Human Performance and meets all prerequisites for the required courses (GPA minimum 3.0, must have completed a 100- or 200-level basic nutrition course (e.g., DHN 101: Human Nutrition and Wellness or DHN 212: Introductory Nutrition), a 200-level physiology course (e.g., PYG 206) and be classified as a sophomore, junior, or senior undergraduate student or post-baccalaureate student.

Students must earn a C or higher in each required certificate course to receive the certificate.

DHN 315 Nutrition Issues in Physical Activity or
KHP 240 Nutrition and Physical Fitness ......................... 3

DHN students take DHN 315; KHP students take KHP 240; and HHS students choose either DHN 315 or KHP 240.

KHP 420G Physiology of Exercise .................................. 3

HHS 400G Nutrition for Physical Activity, Injury Prevention, and Rehabilitation ......................... 2

Select one:

HHS 395 Independent Study ...................................... 3

DHN 591 Special Problems in Dietetics and Human Nutrition .................................................. 3

KHP 395 Independent Study in Kinesiology and Health Promotion .................................. 3

Plus, choose from the following courses to meet the 14 credit hour minimum requirement:

HHS 402G Muscle Biology ........................................ 3

Total Hours: ......................................................... 14

For more information contact:

Travis Thomas, Ph.D.
Director of Undergraduate Certificate in Nutrition for Human Performance
david.t.thomas@uky.edu
859-218-0863
COMMUNICATION SCIENCES AND DISORDERS

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

In keeping with the standards of the American Speech-Language-Hearing Association, the undergraduate program in communication sciences and disorders is considered to be a preprofessional degree program. In order to meet Kentucky licensure 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 Sciences and Disorders undergraduate program admits students to the major on a selective and competitive basis. Students are required to have completed a minimum of 42 college credit hours prior to application to the major. Applicants also need a minimum of a 3.0 cumulative GPA and a 21 ACT score (or equivalent SAT score) to be considered for admission. Completion of CSD 277 and PSY 100 (or equivalent) is also required prior to application to the major. Admissions are conducted using a holistic evaluation approach using (1) the applicant’s cumulative GPA from all higher education institutions attended, (2) ACT or SAT scores, (3) three letters of recommendation, (4) professionally-related experiences (including observations and professional interest activities), (5) community service/leadership activities, and (6) an essay authored by the student based on a question prompt. New students are admitted only for the fall semester. The application deadline is February 1.

UK Core Requirements

See the UK Core section of this Bulletin for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list .......................... 3

II. Intellectual Inquiry in the Humanities

Choose one course from approved list .......................... 3

III. Intellectual Inquiry in the Social Sciences

PSY 100 Introduction to Psychology ............................. 4

IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

BIO 102 Human Ecology or BIO 103 Basic Ideas of Biology or other BIO course from approved list .......................... 3 or CHE 101 Molecular Science for Engineers .......................... 3 or CHE 105 General College Chemistry I CHE 111 General Chemistry I Laboratory ................................ 5 or PHY 211 General Physics .................................................. 5 or PHY 231 General University Physics ............................... 4 or PHY 241 General University Physics Laboratory ............. 1 or other CHE or PHY course from approved list ................ 3

V. Composition and Communication I

CIS/WRD 110 Composition and Communication I ......... 3

VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II .......... 3

VII. Quantitative Foundations

one of the following:
MA 111 Introduction to Contemporary Mathematics MA 113 Calculus I MA 123 Elementary Calculus and its Applications MA 137 Calculus I With Life Science Applications ........................................ 3-4

VIII. Statistical Inferential Reasoning

STA 210 Making Sense of Uncertainty: An Introduction to Statistical Reasoning ........................................... 3 or PSY 215 Experimental Psychology and PSY 216 Applications of Statistics in Psychology ............................................. 8 or other STA course from approved list .............................. 3

IX. Community, Culture and Citizenship in the USA

Choose one course from approved list .............................. 3

X. Global Dynamics

Choose one course from approved list .............................. 3

UK Core hours .......................................................... minimum of 32

Graduation Composition and Communication Requirement (GCCR)

CSD 378 Anatomy and Physiology of Speech .................... 3 CSD 402 Speech and Hearing Science ....................... 3 CSD 591 Aural Rehabilitation ........................................ 3 Graduation Composition and Communication Requirement hours (GCCR) ................................................. 9

Premajor Requirements

CSD 277 Introduction to Communication Disorders ............ 3

PSY 100 Introduction to Psychology .................................. 4 plus completion of 42 credit hours or more at time of application

Subtotal: Premajor hours ........................................ minimum of 46

Related Studies Requirement

Choose one of the following:
LIN 211 Introduction to the Study of Language LIN 212 Introduction to Linguistics I **LIN 221 Introduction to Linguistics I: Theoretical Foundations and Analysis LIN 310 American English LIN 317 Language and Society (Subtitle required) LIN 509 Formal Semantics

Subtotal: Related Studies hours ......................................... 3

Major Requirements

1. CSD 378 Anatomy and Physiology of Speech ............ 3 1. CSD 402 Speech and Hearing Science ............... 3 1. CSD 409 English Grammar for Communication Sciences and Disorders .............................................. 1 1. CSD 410 Language Development Through the Lifespan ................................................. 3 1. CSD 481 Clinical Experience in Communication Disorders ................................................. 3 1. CSD 482 Introduction to Clinical Management ............ 3 1. CSD 484 Introduction to Diagnostic Procedures in Speech-Language Pathology ................................................. 3 1. CSD 485 Clinical Phonetics ........................................ 3 1. CSD 491 Audiology .................................................. 3 1. CSD 571 Neural Bases of Speech, Language, and Hearing ................................................. 4 1. CSD 591 Aural Rehabilitation ........................................ 3 1. HHS 454 Research in Human Health Sciences ................................................. 3 1. EDS 375 Introduction to Education for Exceptional Children ................................................. 3 1. EDS 516 Principles of Behavior Management and Instruction ................................................. 3

Subtotal: Major hours .................................................. 41

*Must be taken to partially fulfill the GCCR requirement.

*May be taken as a pre-CSD course prior to the junior year.

**LIN 221 is the preferred and recommended course to fulfill this requirement.

Electives

Electives should be chosen by the student to lead to the minimum total of 120 hours required for graduation.

TOTAL HOURS: ......................................................... 120

Curriculum

Fall Semester

Junior Year

CSD 378 Anatomy and Physiology of Speech ........................ 3 CSD 491 Audiology .................................................. 3

Spring Semester

CSD 402 Speech and Hearing Science ................................ 3 HHS 454 Research in Human Health Sciences .................... 3 CSD 591 Aural Rehabilitation ........................................ 3

Senior Year

Fall Semester

CSD 409 English Grammar for Communication Sciences and Disorders ................................................. 1 CSD 571 Neural Bases of Speech, Language, and Hearing ................................................. 4 *CSD 481 Clinical Experience in Communication Disorders ................................................. 3 CSD 485 Clinical Phonetics ........................................ 3

Spring Semester

CSD 410 Language Development Through the Lifespan .......................... 3 CSD 484 Introduction to Diagnostic Procedures in Speech-Language Pathology ....................... 3 *CSD 481 Clinical Experience in Communication Disorders ................................................. 3 CSD 482 Introduction to Clinical Management ........................ 3

*Half of senior students take CSD 481 during fall semester; the remaining half take course during spring semester.

For additional information, visit: www.uky.edu/healthsciences/academic-programs/communication-sciences-and-disorders.
College of Health Sciences

GRADUATE DEGREES IN HEALTH SCIENCES

Professional Master of Science in Athletic Training

The Professional Master of Science in Athletic Training (MSAT) program is designed for students seeking professional preparation in athletic training. Individuals interested in applying should review the admissions requirements here: www.uky.edu/chs/athletic training/professional/. Once accepted, students will complete 76 credit hours over six semesters, including five semester of clinical education experiences. For more information about the PMAT including tuition and program expenses, and curriculum, please visit: www.uky.edu/chs/athletic-training/professional

Or contact:
Johanna M. Hoch, Ph.D., ATC, FNATA
Program Director, Professional Masters in Athletic Training
Johanna.hoch@uky.edu
859-323-7070

Accreditation Information: The University of Kentucky is currently seeking accreditation for their new Athletic Training program and is not accredited by the Commission on Accreditation of Athletic Training Education (CAAATE). The institution will be submitting a self study to begin the accreditation process on July 1, 2021. Submission of the self-study and completion of the site visit in early Spring 2022 does not guarantee the program will become accredited. Once accredited, graduates of the program will be eligible to sit for the Board of Certification exam. For further information, contact:
www.uky.edu/chs/athletic-training/professional

The MSAT is currently seeking accreditation from the Commission on Athletic Training Education (CAATE). We will submit a self-study to begin the accreditation process on July 1, 2021. Submission of the self-study and completion of the site visit in early Spring 2022 does not guarantee the program will become accredited. Once accredited, graduates of the program will be eligible to sit for the Board of Certification exam. For further information, contact:
www.uky.edu/chs/athletic-training/professional

Or contact:
Phillip Gribble, Ph.D., ATC, FNATA
Department Chair of Athletic Training and Clinical Nutrition
phillip.gribble@uky.edu
859-218-0885

The MSAT is currently seeking accreditation from the Commission on Athletic Training Education (CAATE). We will submit a self-study to begin the accreditation process on July 1, 2021. Submission of the self-study and completion of the site visit in early Spring 2022 does not guarantee the program will become accredited. Once accredited, graduates of the program will be eligible to sit for the Board of Certification exam. For further information, contact:
www.uky.edu/chs/athletic-training/professional

Or contact:
Johanna M. Hoch, Ph.D., ATC, FNATA
Program Director, Professional Masters in Athletic Training
Johanna.hoch@uky.edu
859-323-7070

Master of Science in Communication Sciences and Disorders

The Master of Science in Communication Sciences and Disorders is designed for students seeking entry-level professional preparation in speech-language pathology. Any student without an undergraduate major or equivalent in Communication Sciences and Disorders should apply as a prerequisite student 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:
www.uky.edu/healthsciences/academic-programs/communication-sciences-and-disorders

Or contact:
Anne Olson, Ph.D.
Department Chair of Communication Sciences and Disorders
Graduate Program
aolso2@uky.edu
859-218-0572

Certification and the Master’s Degree

The Master of Science degree program in Communication Sciences and Disorders is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

Upon completion of the undergraduate degree and with admission to the master’s program, students complete the following courses for certification and the master’s degree.

CSD 621 Augmentative and Alternative Communication
CSD 647 Language Disorders in Developmentally Young Individuals
CSD 648 Language Disorders in School-Age Populations
CSD 661 Phonological Development and Disorders
CSD 670 Voice Disorders
CSD 675 Low Incidence Communication Disorders
CSD 767 Aphasia and Related Disorders
CSD 701 Research Methods in Communication Disorders
CSD 710 Cognitive Communication Disorders
CSD 744 Adult Swallowing Disorders
CSD 745 Pediatric Feeding

Total Credit Hours: 29

The M.S. in Communication and Sciences Disorders consists of 34 didactic hours plus optional thesis or comprehensive examinations.

ASHA Certification

Applicants wishing to meet American Speech Language Hearing Association certification requirements must also complete the following additional clinical orientation, clinical practicum and clinical rotation experiences plus 1 hour of graduate-level electives, and optional 1-6 hours in thesis or comprehensive exams:

CSD 654 Clinical Orientation in Communication Disorders
CSD 657 Clinical Practicum in Speech-Language Pathology
CSD 659 Clinical Rotation in Speech-Language Pathology

Students completing the thesis option also complete the following:
CSD 748 Master’s Thesis Research
CSD 768 Master’s Thesis Research

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 clinical nutrition/medical nutrition therapy, wellness and sports nutrition, molecular and biomedical nutrition, and community nutrition. Clinical Nutrition is integrated with the doctoral program in the Graduate Center for 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 30 credit hours of course work is required for graduation.

For further information, contact: http://pharmns.med.uky.edu/
The University of Kentucky, Division of Physician Assistant Studies (PAS) offers a master’s degree program that is accredited by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA). The Master of Science in Physician Assistant Studies (M.S.P.A.S.) program is designed for students who wish to become Physician Assistants (PAs) and hold a baccalaureate or will have earned a baccalaureate degree by the time they enter the program. The M.S.P.A.S. program is offered in Lexington at the University of Kentucky and in Morehead, KY, located at the Center for Health Education & Research (CHER).

The goal of the M.S.P.A.S. program is to develop well-educated and highly skilled primary care PAs who will extend the physician’s effectiveness and improve access to health care. The PA functions under the supervision and responsibility of a licensed physician and is competent to elicit comprehensive health histories, perform physical examinations, interpret and evaluate diagnostic data, establish treatment plans, counsel and educate, and respond appropriately to commonly encountered emergency care situations. Physician Assistants serve in a variety of health care settings, such as primary care practices, subspecialty clinics, inpatient hospitals, and community-based clinics. The M.S.P.A.S. program also prepares graduates to be competitive for positions in clinical research, health care administration and higher education. Graduates of the program are eligible to take the Physician Assistant National Certifying Examination. After successful completion of the National Commission on Certification of Physician Assistants Exam, graduates are eligible for state certification/licensure to practice as certified PAs.

**Admission Requirements**

Admission to the M.S.P.A.S. program occurs annually, with a new class beginning each January. Qualified applicants must simultaneously apply to the University of Kentucky Graduate School, [http://gradschool.uky.edu/](http://gradschool.uky.edu/), as well as the Central Application Service for Physician Assistants (CASPA): [https://caspa.liaisoncas.com/applicant-ux/#/login](https://caspa.liaisoncas.com/applicant-ux/#/login)

Students must satisfy admissions requirements to both the Graduate School and the Physician Assistant Studies (PAS) Program. PAS practices holistic admissions. As part of this process, students must submit the following:

- **Applicants to the PAS Program must complete the Graduate Record Examination (GRE). The UK GRE code is 1837 and all official scores must be sent to the University of Kentucky Graduate School Office.**
- **International students and domestic students who attended a high school in which English was not the primary language of instruction must achieve a minimum of 26 in each category on the TOEFL iBT exam. In addition to the TOEFL iBT requirement, international students must also complete the GRE.**
- **Applicants must hold a baccalaureate degree from an accredited college or university (or have earned a baccalaureate degree by the time of entry into the program).**
- **Applicants may only have two outstanding prerequisites at the time of application. These courses must be completed by January, prior to the beginning of the program.**
- **Three (3) letters of recommendation are required from people acquainted with the applicant for at least one year and familiar with his/her professional goals and must be submitted with the CASPA application packet, along with an admission essay.**
- **The UKPAS Program prefers to have one recommendation from a physician assistant or physician, one from an academic advisor or professor and one from either a PA, physician, other healthcare professional, or academic professor/advisor.**
- **The admission essay must be of graduate quality that reflects the applicant’s commitment to primary care.**
- **The applicant must be certified in Basic Life Support for Healthcare Providers by the American Heart Association.**
- **Be in compliance with the Technical Standards established by the College of Health Sciences and the PAS Program.**
- **Health care experience is required and deemed beneficial to students entering the PAS Program. The program strongly recommends applicants to complete shadowing or observation hours with a Physician Assistant to gain knowledge and understanding of the profession. The average shadowing hours for selected students is 100 shadowing hours.**
- **Additionally, applicants must have direct patient care experience. It is highly recommended that patient contact hours be obtained in a formally trained medical discipline (as a registered nurse, certified nursing assistant, emergency technician, certified medical assistant, etc.).**
- **Volunteer hours are desired. The program looks for direct and indirect service.**

Due to the competitive nature and large number of students applying to the program, meeting the minimum requirements does not guarantee an interview or admissions. Please see the Web site at: [www.uky.edu/healthsciences/academicprograms/physician-assistant-studies](http://www.uky.edu/healthsciences/academicprograms/physician-assistant-studies) for the application deadline. Generally, the application is due mid-July.

If you have questions after visiting our Web site and attending an information session, contact: [www.uky.edu/healthsciences/academicprograms](http://www.uky.edu/healthsciences/academicprograms)

- Dion Coleman, M.A. Admissions Student Affairs Officer
dion.coleman@uky.edu
859-218-0473

- William Bickers, B.A. Director of Recruitment
chs-admissions@uky.edu
859-323-6743

- Julia Berry, M.S.Ed. Physician Assistant Program Student Affairs Officer
julia.berry@uky.edu
859-217-5001

**Physician Assistant Program – Morehead, Kentucky**

The College of Health Sciences offers an extension of the UK Physician Assistant Studies Program in Morehead, Kentucky. Located at the Center for Health Education & Research (CHER), this campus is a unique collaboration with Morehead State University (MSU) and St. Claire Regional Medical Center (SCRMC). The requirements for admission are the same as in the curriculum. The purpose of the Morehead site is to enhance medical care for rural areas of Kentucky and Appalachia. For information on eligibility requirements and applications, please contact:

- Julia Berry, M.S.Ed. Physician Assistant Program Student Affairs Officer
julia.berry@uky.edu
859-217-5001
The Physician Assistant Program is linked with Graduate Certificates in Gerontology and Global Health.

PROFESSIONAL PROGRAM

Physical Therapy – Doctor of Physical Therapy

The Physical Therapy Program at the University of Kentucky offers the professional (entry level) Doctor of Physical Therapy (DPT) degree. The program is offered at the Lexington campus and at the Center of Excellence in Rural Health campus in Hazard, Kentucky. Once accepted, the PT Program requires three successful years to completion (137 course credits) and results in the awarding of the DPT.

The PT Program has selective admissions. To be eligible for application, the student must complete a bachelor’s degree prior to the start of the PT program, or complete (by no later than the end of the spring semester of application).

- Ninety semester hours working toward a degree;
- An overall GPA of \[ \geq 3.2; \]
- A science GPA and major course GPA of \[ \geq 3.5; \]
- A combined verbal and quantitative GRE score of 300 is recommended by the Physical Therapy Division.

For additional requirements for application, including the application form, go to: www.uky.edu/chs/pt.

For more information about the Physical Therapy Program at the Lexington campus, contact:
www.uky.edu/chs/pt

Robert A. (Tony) English, PT, Ph.D.
Department Chair of Physical Therapy
Doctoral Program
tenglish@uky.edu
859-218-0494

The Center of Excellence in Rural Health, Doctor of Physical Therapy

In 1992, the College of Health Sciences initiated an expansion program in physical therapy based at the Center of Excellence in Rural Health in Hazard, Kentucky. This professional program is conducted in parallel with the Lexington campus program.

For more information about the Physical Therapy program at the Hazard location, contact:

Student Services Coordinator
UK Center of Excellence in Rural Health
606-439-3557 ext. 8-3508
1-800-851-7512 ext. 8-3508
http://ruralhealth.med.uky.edu/physical-therapy