



## Health Careers Overview

All health care careers involve helping people and the ability to work well with patients, families and other health professionals. Additionally, students need to study hard and do well in math and science courses to succeed.

Career	What is this career like?	What preparation is required?	Degree earned	College courses required*	Standardized Test required	Contact Info
<b>Dentist</b>	Dentists diagnose, treat, and prevent problems with your teeth and mouth tissue. For more information visit: <a href="http://www.ada.org">http://www.ada.org</a>	You must earn a bachelor's degree (4 years) and then spend 4 years in dental school; an additional 2-5 years of residency training if you are interested in specializing. (8+ years total)	Doctor of Dental Medicine (DMD)	Includes general chemistry, organic chemistry, biology, physics, microbiology, biochemistry and English.	Dental Admissions Test (DAT)	Christine Harper College of Dentistry <a href="mailto:christine.harper@uky.edu">christine.harper@uky.edu</a> 859-323-6071 <a href="http://www.mc.uky.edu/Dentistry">http://www.mc.uky.edu/Dentistry</a>
<b>Health Administration</b>	Health Administrators use management and strategic skills to run healthcare organizations. For more information visit: <a href="http://www.cahme.org">http://www.cahme.org</a>	You must earn a bachelor's degree (4 years) and then spend about 2 years getting your master's degree. (6 years total)	Master of Health Administration (MHA)	Includes accounting, economics	Graduate Record Exam (GRE) or Graduate Management Admissions Test (GMAT)	Brandy Reeves College of Public Health <a href="mailto:brandy.reeves.@uky.edu">brandy.reeves.@uky.edu</a> 859-218-0112 <a href="http://www.mc.uky.edu/PublicHealth">http://www.mc.uky.edu/PublicHealth</a>
<b>Nurse</b>	Nurses provide care and education about health, illness and injury. They perform physical examinations, administer medications and treatments. For more information visit: <a href="http://www.yesnursing.com">http://www.yesnursing.com</a>	A BSN - Bachelor of Science in Nursing degree is recommended (4 years). CRNAs and Nurse Practitioners have advanced degrees which require an additional 2-4 years.	Bachelor of Science in Nursing (BSN), Master's and Doctoral degrees.	Includes anatomy/physiology, chemistry, microbiology, pharmacology, psychology, statistics	National Council Licensure Examination (NCLEX) to become a Registered Nurse.	Kerrie Moore College of Nursing <a href="mailto:kerrie.moore@uky.edu">kerrie.moore@uky.edu</a> 859-323-1966 <a href="http://www.uknursing.uky.edu">http://www.uknursing.uky.edu</a>
<b>Pharmacist</b>	Pharmacists are medication experts and help people improve their health through medication therapy. For more information visit: <a href="http://www.aacp.org">http://www.aacp.org</a>	Plan to spend between 2-3 years in college and then 4 years in pharmacy school. You do not have to earn a bachelor's degree before entering pharmacy school. (6-7 years total)	Doctor of Pharmacy (Pharm.D.)	Includes general chemistry, organic chemistry, biology, microbiology, English and calculus.	Pharmacy College Admissions Test (PCAT)	Clay Arnold College of Pharmacy <a href="mailto:pharmacyinfo@lsv.uky.edu">pharmacyinfo@lsv.uky.edu</a> 859-323-2755 <a href="http://pharmacy.mc.uky.edu">http://pharmacy.mc.uky.edu</a>
<b>Physician</b>	Doctors diagnose and treat health problems. They also help to prevent illness and keep you healthy. For more information visit: <a href="http://www.tomorrowdoctors.org">http://www.tomorrowdoctors.org</a>	You must earn a bachelor's degree (4 years) and then spend 4 years in medical school plus 3-8 years of residency training depending on what specialty you choose. (11+ years total)	Doctor of Medicine (MD)	Includes general chemistry, organic chemistry, biology, physics, and English.	Medical College Admissions Test (MCAT)	Kim Scott College of Medicine <a href="mailto:kstahlma@email.uky.edu">kstahlma@email.uky.edu</a> 859-323-1572 <a href="http://www.mc.uky.edu/Medicine">http://www.mc.uky.edu/Medicine</a>
<b>Physical Therapist</b>	Physical Therapists help restore function, improve mobility, relieve pain, and prevent or limit permanent physical disabilities of patients suffering from injuries or disease. For more information visit: <a href="http://www.apta.org">http://www.apta.org</a>	A bachelor's degree is recommended (4 years). The Doctor of Physical Therapy program is an additional 3 years. (7 years total)	Doctor of Physical Therapy (DPT)	Includes general chemistry, biology, physics, communications, statistics	Graduate Record Exam (GRE)	Randa Remer College of Health Sciences <a href="mailto:rrreme2@uky.edu">rrreme2@uky.edu</a> 859-323-1100 <a href="http://www.mc.uky.edu/PA">http://www.mc.uky.edu/PA</a>



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<b>Physician Assistant</b>	Physician Assistants function under the supervision of a licensed physician. PAs diagnose and treat illness, counsel patients, assist in surgery and write prescriptions. For more information visit: <a href="http://www.aapa.org">http://www.aapa.org</a>	You must earn a bachelor's degree (4 years) and then spend 2.5 years in PA school. (7 years total)	Master of Science in Physician Assistant Studies (PA)	Includes general chemistry, organic chemistry, biology, Psychology, statistics, microbiology	Graduate Record Exam (GRE)	Randa Remer College of Health Sciences rrreme2@uky.edu 859-323-1100 <a href="http://www.mc.uky.edu/PT">http://www.mc.uky.edu/PT</a>
<b>Public Health Professional</b>	Public health is concerned with protecting the health of entire populations. Public health professionals work to prevent problems through education, services, and research. For more information visit: <a href="http://www.apha.org">http://www.apha.org</a>	You must earn a bachelor's degree (4 years) and then spend about 2 1/2 years getting your master's degree. (6 1/2 years total)	Master of Public Health (MPH)	Requires a bachelor's degree in any field. Although not required, coursework in anatomy and physiology are suggested.	Graduate Record Exam (GRE) or Graduate Management Admissions Test (GMAT)	Brandy Reeves College of Public Health brandy.reeves.@uky.edu 859-218-0112 <a href="http://www.mc.uky.edu/PublicHealth">http://www.mc.uky.edu/PublicHealth</a>
<b>Speech Therapist</b>	Speech therapists, also known as speech-language pathologists, assess, diagnose, treat, and help people of all ages with disorders related to speech, language, cognitive communication and swallowing. For more information visit: <a href="http://www.asha.org">http://www.asha.org</a>	You must first earn a bachelor's degree (4 years), preferably in communication sciences and disorders. You will then earn a master's degree (2 years) in speech-language pathology, and be certified by the Council for Clinical Certification. (6 years total)	Bachelor's & Master's in Communication Sciences & Disorders	Requires a bachelor's degree including specific communication disorders classes as found in the Communication Disorders undergraduate degree program.	ACT for bachelor's; Graduate Record Exam (GRE) for Master's	Casey Shadix College of Health Sciences casey.shadix@uky.edu 859-218-0573 <a href="http://www.mc.uky.edu/HealthSciences">http://www.mc.uky.edu/HealthSciences</a>
<b>Medical Lab Scientist</b>	Medical Laboratory scientists perform, develop, evaluate, correlate, and assure accuracy and validity of laboratory information. They provide lab results that help in the diagnosis and management of disease.	You must earn a bachelor of health science in Medical Laboratory Sciences. MLS is an 18-month program that begins in students third year of study in a bachelor's degree program. (3.5 years total)	Bachelor of Health Science in Medical Laboratory Sciences	Includes general chemistry, microbiology, anatomy/physiology, biochemistry, immunology, and statistics.	None	Casey Shadix College of Health Sciences casey.shadix@uky.edu 859-218-0573 <a href="http://www.mc.uky.edu/HealthSciences">http://www.mc.uky.edu/HealthSciences</a>
<b>Biomedical Sciences Researcher</b>	Biomedical sciences researchers study the basic causes of disease and conduct experiments to cure, control and prevent future diseases. They contribute scientific knowledge to diagnose and treat diseases. <a href="http://www.nih.org">http://www.nih.org</a>	A bachelor's degree is required for admission; you'll then spend 4-6 years to complete the Ph.D. degree. Coursework is completed during the first two years of the graduate program and the remaining time is spent conducting research and writing the dissertation.	Doctor of Philosophy (PhD)	Includes general chemistry, organic chemistry, biology and physics; all courses must include laboratory.	Graduate Record Exam (GRE)	Jason Mitchell College of Medicine jason.mitchell@uky.edu 859-323-0004 <a href="http://www.mc.uky.edu/ibs">http://www.mc.uky.edu/ibs</a>
*PLEASE NOTE: <b>THIS IS NOT</b> an exhaustive list of health careers available at UK. Consult individual Colleges for a complete list of programs offered and the required courses.			REVISED: 07/30/13	Health Colleges Student Diversity Services <a href="http://www.uky.edu/Diversity/healthsciences.html">http://www.uky.edu/Diversity/healthsciences.html</a>		