

Health Careers

Allergist/Immunologist

A medical doctor who specializes in the immune system and the treatment of patients who suffer from allergies like hay fever, asthma, and autoimmune diseases.

4 years of undergrad, 4 years of med school, 3-4 years of training in pediatrics or internal medicine, 2 years of specialized training in allergy and immunology

Anesthesiologist

A medical doctor who studies the affects of anesthetic medicine (pain killers/sedation). They are typically seen in operation rooms, keeping patients unconscious and monitoring vital signs.

4 years of undergrad, 4 years of med school, 4 years of residency

Audiologist

A medical doctor who specializes in ear related issues, particularly regarding hearing loss in children and assisting in their learning to communicate. These doctors typically work in hospitals, physicians' offices, audiology clinics, and occasionally in schools.

4 years of undergrad, 2 years of a masters degree in audiology, 4 years of a doctoral degree in audiology (Au.D)

Athletic Trainer

As a part of the health care team, services provided by athletic trainers include primary care, injury and illness prevention, wellness promotion and education, emergent care, examination and clinical diagnosis, therapeutic intervention and rehabilitation of injuries and medical conditions.

Must obtain a degree in Athletic Training from an accredited athletic training program and successfully pass the Board of Certification (BOC) Exam

Biomedical Engineer

A biomedical engineer focuses on advances in technology and medicine to develop new devices and equipment for improving human health. For example, they might design software to run medical equipment or computer simulations to test new drug therapies.

4 years undergrad in biomedical engineering or in a related field. Some positions require a graduate degree

Cardiologist

A medical doctor who specialize in the study and treatment of the heart. They assess medical and family history to determine risk and prevention of disease.

4 years of undergrad, 4 years of med school, 4 years of residency

Dentist

A doctor who specializes in the mouth, examining teeth and gums. Dentists detect and help prevent issues like cavities and and bleeding gums.

4 years of undergrad, 4 years of dental school (DDS)

Dermatologist

A medical doctor who specializes in the skin and the diseases related to it.

4 years of undergrad, 4 years of med school, 3 years of residency

Dietitian

A dietitian helps prevent illness or improve a person's condition through changes in the diet.

4 years of undergrad with an emphasis on nutrition-focused outcomes, Some positions require a graduate degree

Emergency Medical Doctor

A medical doctor who typically works in an emergency room or urgent care setting and works with patients undergoing acute health problems or traumatic injuries.

4 years of undergrad, 4 years of med school, 3-4 years of residency

Endocrinologist

A medical doctor who specializes in the endocrine system and its glands.

Endocrine system: a network of glands and organs located throughout the body- regulates body functions.

4 years of undergrad, 4 years of med school, 3 years of residency, 2 years of fellowship

Epidemiologist

A medical doctor who searches for potential diseases that may occur and cause problems within a population. They also look for vaccinations for current terminal diseases like cancer.

Route 1: 4 years of undergrad, 2 years of masters degree, optional Ph.D for students who want to conduct research in universities

Route 2: 4 years of undergrad, 4 years of med school, 3-4 years of residency, for students wanting to work with patients

Family Physician

A medical doctor who addresses the health of adults, children, and families. Family Physicians can also be referred to as Primary Care Physicians.

4 years of undergrad, 4 years med school, 3 years residency

Gastroenterologist

A medical doctor who focuses on the normal function and diseases of the esophagus, stomach, small intestine, colon and rectum, pancreas, gallbladder, bile ducts and liver.

4 years of undergrad, 4 years of med school, 3 years of residency in Internal Medicine, 2-3 years fellowship

Genetics Counselor

Genetic counselors are professionals who have specialized education in genetics and counseling to provide personalized help patients may need as they make decisions about their genetic health.

4 years of undergrad , 2 years of a masters degree in genetics counseling

Geriatrician

A geriatrician is a primary care physician who specializes in treating conditions that affect older adults.

4 years of undergrad, 4 years of med school, 3 years of residency, 2 year fellowship

Hematologist

A medical doctor who specializes in the treatment of blood disorders and malignancies, including types of hemophilia, leukemia, lymphoma and sickle-cell anemia.

4 years of undergrad, 4 years of med school, 3 years of residency, 3 years of fellowship

Nephrologist

A medical doctor who focuses on the diagnosis and treatment of kidney conditions. They are also very knowledgeable about how kidney disease or dysfunction can affect other parts of your body.

4 years of undergrad, 4 years of med school, 3 years of Internal Medicine residency, 2-3 years of fellowship

Occupational Therapist

Occupational therapists help people across the lifespan to do the things they want and need to do through the therapeutic use of daily activities. Common occupational therapy interventions include helping children with disabilities to participate fully in school and social situations, helping people recovering from injury to regain skills, and providing supports for older adults experiencing physical and cognitive changes.

4 years of undergrad, 2-3 years of a masters degree in occupational therapy

Obstetrician and Gynecologist (OBGYN)

An obstetrician is a medical doctor who specializes in childbirth. Those who specialize in obstetrics may become more equipped to handle high risk pregnancies.

A gynecologist is a doctor who specializes in the care of female reproductive systems. Those who specialize in gynecology take care of pregnant patients, focus on reproductive organs, and the genital region.

4 years of undergrad, 4 years of med school, 4 years of residency. (Residency is the same for both specialties, however you can choose to specialize more in obstetrics or more in gynecology)

Oncologist

A medical doctor who specializes in diagnosing and treating cancer. They act as the primary healthcare provider for people with cancer to coordinate and manage their treatment.

4 years of undergrad, 4 years of med school, 3-4 years of residency, 2 years of fellowship

Ophthalmologist

A medical doctor who specializes in eye and vision care. Ophthalmologists differ from optometrists in their levels of training and in what they can diagnose and treat.

4 years of undergrad, 4 years of med school, 1 year internship, 3-4 years of residency

Orthodontist

A dentist who focuses on teeth alignment, but they assist patients with other issues as well. These include overbites and underbites, crossbites, spaces between teeth, overcrowding of teeth, and the treatment of temporomandibular disorders (TMD). Additional problems with the jaw also need to be treated by an orthodontist.

4 years of undergrad, 4 years of dental school, 2-3 years of orthodontics residency

Optometrist

A health care professional who specializes in eye and primary vision care. They perform eye exams and vision tests, prescribe and fit eyeglasses and contact lenses, and monitor medically related eye conditions related to diseases like diabetes.

4 years of undergrad, 4 years of optometry school (OD)

Pathologist

A medical doctor who studies body fluids and tissues, helps your primary care doctor make a diagnosis about your health or any medical problems you have, and uses laboratory tests to monitor the health of patients with chronic conditions.

4 years of undergrad, 4 years of med school, 3-4 years residency

Pediatrician

A medical doctor who manages the physical, behavioral, and mental care for children from birth until age 18.

4 years of undergrad, 4 years of med school, 3-4 years residency

Pharmacist

Health professionals who prepare and dispense prescriptions, ensure medicines and doses are correct, prevent harmful drug interactions, and counsel patients on the safe and appropriate use of their medications.

4 years of undergrad, 4 years of pharmacy school (PharmD)

Physical Therapist

Health professionals who help injured or ill people improve movement and manage pain. They are often an important part of preventive care, rehabilitation, and treatment for patients with chronic conditions, illnesses, or injuries.

4 years of undergrad, 4 years of physical therapy school (DPT)

Physician Assistant (PA)

Medical professionals who diagnose illness, develop and manage treatment plans, prescribe medications, and often serve as a patient's principal healthcare provider.

4 years of undergrad, 2-3 years of a physician assistant program

Podiatrist

A medical doctor who specializes in the medical care and treatment of the foot.

4 years of undergrad, 4 years of podiatric med school (earn a DPM), 3 year surgical residency + board certification

Psychiatrist

A medical doctor who diagnoses and treats mental, emotional, and behavioral disorders.

4 years of undergrad, 4 years of med school, 3-4 years of residency + board certification

Psychologist

There are a lot of different types of psychologists. Clinical psychologists meet with clients to identify emotional, mental, and behavioral problems in their lives. Through observation, interviews, and tests, the psychologist will diagnose any existing or potential disorders. Then, together with the client, they formulate a program of treatment according to the client's needs.

4 years of undergrad, 5 -7 years of graduate education to earn a Doctor of Psychology (PsyD) or Doctor of Philosophy in Psychology (PhD in Psychology)

Pulmonologist

A medical doctor who diagnoses and treats diseases of the respiratory system and specializes in the lungs and other organs that help you breath.

4 years of undergrad, 4 years of med school, 3 year residency in Internal Medicine, 2-3 year fellowship

Radiologist

Medical doctors who specialize in diagnosing and treating injuries and diseases using medical imaging (radiology) procedures (exams/tests) such as X-rays, computed tomography (CT), magnetic resonance imaging (MRI), nuclear medicine, positron emission tomography (PET) and ultrasound.

4 years of undergrad, 4 years of med school, 1 transitional/preliminary year, 4 year residency

Registered Nurse (RN)

Most RNs prepare to enter the field by earning either an associate degree in nursing (ADN) or a bachelor's of science in nursing (BSN). Aspiring RNs eager to enter the field as quickly as possible without earning a college degree may choose a nursing diploma, requiring only one or two years of study in a hospital-based program.

Complete degree of choice or nursing diploma, Take and pass the NCLEX-RN exam

Respiratory Therapist

Certified medical professionals who treat problems with your lungs or breathing and work closely with doctors.

Complete either 2-year associate's degree or 4-year bachelor's degree programs

Speech Language Pathologist

Speech-language pathologists (SLPs) work to prevent, assess, diagnose, and treat speech, language, social communication, cognitive-communication, and swallowing disorders in children and adults.

4 years of undergrad, 2 years masters program

Sports Medicine Physician

A medical doctor who work with athletes and those with musculoskeletal injuries. They are trained to address any issue that is associated with sports . Everything from joint pain to osteoarthritis to nutrition.

4 years of undergrad, 4 years of med school, 3 year residency, 1-2 year fellowship

Surgeon

There are many kinds of surgeons, but overall, they are medical doctors who carry out the preoperative diagnosis of the patient, perform the operation, and for provide the patient with postoperative surgical care and treatment. A few examples are general surgeons, cardiothoracic surgeons, and neurosurgeons.

4 years of undergrad, 4 years of med school, surgical residency program can last anywhere from 3 to 8 years, depending on where you want to specialize

Urogynecologist

A medical doctor who specializes in the study or treatment of the bladder, urethra, uterus, and vagina.

4 years of undergrad, 4 years of med school, residency in either obstetrics and gynecology (4 years) or urology (5-6 years), 2-3 years in specialized female pelvic medicine and reconstructive surgery fellowship training

Urologist

A medical doctor who specializes in the study or treatment of the function and disorders of the urinary system.

4 years of undergrad, 4 years of med school, 5-6 years of residency + board certification