

## MEDICINE

Medicine has long been one of the premier occupations in the United States. The challenge of fighting disease, the chance to help people, and the promise of a financially and personally rewarding profession have attracted “the best and the brightest” for many years. Physicians and surgeons serve a fundamental role in our society and have an effect upon all our lives

## Working in Medicine

According to the U.S. Department of Labor, physicians and surgeons held 633,000 jobs in 2007. The growing and aging population will drive overall growth in the demand for physician services, as consumers continue to demand high levels of care using the latest technologies, diagnostic tests, and therapies. The profession is expected to grow by more than 14% between 2006 and 2016. New graduates will be more likely to join health networks than their predecessors. Today’s physicians are also less independent in their relationship to insurance providers and hospital administrator who are under constant pressure to reduce the cost of medical care.

## Additional Information

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[www.colostate.edu/Pre-Health](http://www.colostate.edu/Pre-Health)

### **University of Colorado Health Sciences Center School of Medicine**

Campus Box C-297  
4200 East Ninth Avenue  
Denver, CO 80262  
(303)315-7316  
[www.uchsc.edu/som](http://www.uchsc.edu/som)

### **Association of American Medical Colleges (AMCAS)**

[www.aamc.org/students](http://www.aamc.org/students)

### **American Association of Colleges of Osteopathic Medicine (AACOMAS)**

[www.aacom.org](http://www.aacom.org)

### **Medical College Admissions Test**

[www/aamc.org/students/mcas/start.htm](http://www/aamc.org/students/mcas/start.htm)



Center for Advising and Student Achievement

## MEDICINE



Health Track  
Advising Brochure

## Professional Programs

Physicians in the United States train either as allopathic Medical Doctors (M.D.) or as Doctors of Osteopathy (D.O.)

There are 126 allopathic medical schools and 20 osteopathic medical schools in the United States (OOH, 2008-9), each taking four years to complete. The first two years are a continuation of classroom and laboratory work in the basic sciences; the final two years are devoted to clinical training in the various fields of medicine (i.e. family and general medicine, obstetrics and gynecology, surgery, psychiatry, pediatrics, etc.). M.D.s and D.O.s enter a residency program of three or more years directly after graduation. The purpose of residency is to gain advanced training in order to qualify for a medical specialty.

**For more information about specific medical schools contact:**

**Association of American Medical Colleges: [www.aamc.org/students](http://www.aamc.org/students)**

**American Association of Colleges of Osteopathic Medicine: [www.aacom.org](http://www.aacom.org)**

Last updated 5/09—Information is subject to change.

## Admissions Requirements

**Admissions Requirements are GENERAL and may differ from school to school. Please contact the specific school to discuss specific admissions requirements.**

- ◆ Bachelor's Degree
- ◆ A competitive cumulative GPA
- ◆ A competitive Medical College Admissions Test (MCAT) score
- ◆ Filing with the American Medical College Application Service (AMCAS) or American Association of Colleges of Osteopathic Medicine Application Service (ACOMAS)
- ◆ Letters of recommendation
- ◆ Interview

### ➤ Academic Prerequisites

### ➤ CSU Courses

General Biology (2 semesters w/labs)	LIFE 102 & LIFE103
General Chemistry (2 semesters w/labs)	CHEM111/112 & CHEM113/114
Organic Chemistry (2 semesters w/labs)	CHEM 341 & 343/344 OR CHEM 345 & 346
General Physics (2 semesters w/labs)	PH 121 & PH122 OR PH141 & PH142
English Literature/ (2-3 semesters)	CO150, CO 300/301, Composition (check requirements at specific schools); Literature Courses taken through English Department
Mathematics (Trig, Calculus and/or Statistics)	MATH 125, MATH 155, or MATH 160; STAT 301, STAT 307 or EHRS 307
Highly recommended courses:	BC 351, BMS 300 or BMS 360, BMS 301, MIP 300/302