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Western Interstate Commission for Higher Education
Requirements for Admissions

Applying to Medical School
The University of Colorado School of Medicine requires all students interested in attending the School of Medicine to apply through the American Medical College Application Service (AMCAS) based in Washington, DC. The AMCAS on-line application is open to applicants on June 2. Normally there is a three- to four-week delay before the school receives the application from AMCAS due to transcript verification. Students are encouraged to apply **EARLY**.

Colorado as a Public Medical School
The Admissions Committee seeks to enroll excellent students from a broad range of backgrounds. Students who have lived outside the state, either in an academic or work-related capacity, can check the [Registrar's Office website](http://www.ucdenver.edu/student-services/resources/CostsAndFinancing/billing/Pages/StudentBilling) to see details on state residency requirements.

Degree and Coursework Requirements
The University of Colorado School of Medicine requires that students have a baccalaureate degree or have completed 120 semester hours across a four-year curriculum at an accredited college prior to matriculation. If the student enters without a baccalaureate degree, one will be awarded to the student at the time of graduation from medical school.

The following course work is required for admission:

- 8 semester hours - human biology (with lab),
- 8 semester hours - general chemistry (with lab),
- 8 semester hours - organic chemistry (with lab),
- 8 semester hours - general physics (with lab),
- 6 semester hours - English literature/composition
- 6 semester hours - College level mathematics (algebra and above).

Students are encouraged to consider additional coursework in biochemistry, computer sciences, genetics, humanities, and social sciences.

Students do not have to complete all requirements at the time of application but must do so by matriculation. Students should pay special attention to the 6-hour English requirement and the 6-hour college level Mathematics requirement, as these requirements are often the ones that are most problematic to fulfill.
AP and CLEP courses, as well as on-line courses, are viewed with a degree of comparability to college courses, as long as the US accredited degree granting institution includes these credits on their transcript as fulfilling certain institutional requirements. Students who have AP or CLEP credit in the basic sciences are encouraged to take upper level courses in these areas. Courses taken abroad are treated comparably to traditional courses, as long as these credits are included on the transcript of a U.S. accredited degree-granting institution.

MCAT
Students must take the Medical College Admissions Test (MCAT), with the oldest exam accepted no more than three years prior to matriculation. The September test date in the year prior to matriculation is the last test that will be taken into consideration if you are applying for the following year. For example, if you would like to matriculate in the Fall of 2019 the last MCAT score we will accept is from September 2018. If the applicant takes the MCAT multiple times, the Admissions Committee will use the best one-time composite score from that sitting. Applicants applying for August 2019 matriculation must have MCAT results from January 2016 - September 2018.

The CASPer Test - Computer-Based Assessment for Sampling Personal Characteristics
All applicants to the University of Colorado School of Medicine are required to complete an online assessment (CASPer), to assist with our selection process. Successful completion of CASPer is mandatory in order to maintain admission eligibility. Learn more about CASPer: http://www.ucdenver.edu/academics/colleges/medicalschool/education/Admissions/apply/Documents/CASPer.pdf

College Major – Is there a Preferred Major?
All majors are valued. Students are expected to engage in a rigorous academic program that enables them to understand the basic principles of science central to medicine. Independent of the choice of major, applicants are expected to have acquired effective learning habits, refined their critical thinking skills and engaged in the habit of lifelong learning.

Letters of Recommendation
Applicants are required to obtain letters to support their candidacy for admission. We require three to five letters; letters can come from a faculty member, clinical experience, research experience, or a current job as the letter transmits cogent information about the applicant’s work. Obtaining a letter from the employer who you are working with during the application year is very important. Evidence of a successful engagement in a post-college experience is considered a valuable addition to other letters that also may be part of your file. Some colleges offer a pre-medical advising system and the committee writes letters for their students. A committee letter is sufficient to meet the medical school letter of recommendation requirements. All letters must be transmitted electronically through AMCAS’ application process. Please visit the AMCAS website for further information on how to apply and submit letters of recommendation, https://students-residents.aamc.org.

We strongly recommend that letters not be from family friends or others who know the student only peripherally.

General Overview - Admissions Committee
The composition of the Admissions Committee is a 150-member group of active and retired clinicians, medical students, MD/PhD faculty, basic science faculty, and lay members of the community.

Secondary Application and the Completion of the Applicant’s File
The secondary application is an on-line process, whereby the link is forwarded to the students whose applications have been verified by AMCAS. The application contains one Colorado essay which is required, along with three optional choices of completing essays for consideration for the Colorado Springs Branch and for becoming a member of the Rural Track or the Urban Track.

A $100 application fee is necessary to complete the process.
Important Dates

June 2 – Earliest filing date with AMCAS
July 1 – SOM receives applicant AMCAS application
July 10 – Earliest filing date for Colorado’s Secondary Application
Early September to late February – Interviews on campus
October 15 – Offers of admission are extended from Oct. 15 through the remainder of the year on a rolling basis
December 15 - Latest filing date for Colorado's Secondary Application
April 6 - Accepted students revisit for Second Look Day
April 30 - Only one medical school acceptance may be held
August (1st or 2nd week) - Matriculation and orientation; classes begin

School of Medicine Highlights

The University of Colorado Anschutz Medical Campus is the only comprehensive academic health sciences center in Colorado, the largest academic health center in the Rocky Mountain region and one of the newest education, research and patient care facilities in the world.

Home to 21,000 employees, more than 4,000 degree-seeking students and two nationally recognized hospitals that handle 1.7 million patient visits each year, CU Anschutz trains the health sciences workforce and fuels the economy.

CU Anschutz features schools of medicine, including physical therapy and physician assistant programs, pharmacy, dental medicine and public health, a college of nursing and a graduate school. These organizations collaboratively improve the quality of patient care they deliver, research they conduct, and health professionals they train.

Learn about the School of Medicine's national rankings, educational programs and acclaimed research and community work.

Approximate class sizes:

- 184 Medical Students
- 265 Residents and Fellows
- 80 PhD Scientists
- 70 Physical Therapists
- 40 Physician Assistants

Community Impact & Service: The School of Medicine has a long-standing record of service that reflects our commitment to serving the Colorado community. [http://www.ucdenver.edu/academics/colleges/medicalschool/community/Pages/community](http://www.ucdenver.edu/academics/colleges/medicalschool/community/Pages/community)

Education Community - Learn about school publications and celebrations including Match Day, Matriculation and Graduation. [http://www.ucdenver.edu/academics/colleges/medicalschool/education/community/Pages/Community](http://www.ucdenver.edu/academics/colleges/medicalschool/education/community/Pages/Community)

Elective Tracks:
[http://www.ucdenver.edu/academics/colleges/medicalschool/education/degree_programs/MDProgram/longitudinal/tracks](http://www.ucdenver.edu/academics/colleges/medicalschool/education/degree_programs/MDProgram/longitudinal/tracks)

- Colorado Urban Underserved Interprofessional Health Training and Education (CU-UNITE)
The track will provide the skills and support needed for future health care providers serving those urban populations.
- Global Health Track
  International medicine with classroom and global experiences.
Leadership, Education and Advocacy Development Scholarship (LEADS)
Emphasizing the social, cultural & economic antecedents of health and illness and provide our health profession students with the vision and skills to work effectively in their communities to promote health.

Research Track
Providing students with in-depth long-term exposure to research.

Rural Track
Giving students a broad and rich experience in Rural medicine.

**Four-Year MD Curriculum:**
http://www.ucdenver.edu/academics/colleges/medicalschool/education/degree_programs/MDProgram

- Phase I & II: 18 months of integrated basic science, clinical learning, and translational thinking, organized by systems, not by medical subjects
- Phase III & IV: 28 months of newly integrated clinical rotations, in 12 blocks and 10 months of Phase IV clinical electives
- Longitudinal Curriculum
  - Foundations of Doctoring
  - Mentored Scholarly Activities
  - Humanities, Professionalism, and Ethics
  - Medicine and Society
  - Culturally Effective Care
  - Informatics and Evidence Based Medicine

**Newsroom** - Keep track of the school’s research, community outreach, clinical developments and education events. http://www.ucdenver.edu/academics/colleges/medicalschool/administration/news

**Research** - See our latest research developments, learn about clinical trials and find a researcher through Colorado Profiles. http://www.ucdenver.edu/academics/colleges/medicalschool/research

**US News and World Report Rankings:**
http://www.ucdenver.edu/academics/colleges/medicalschool/administration/history/Pages/School-of-Medicine-Rankings
The Biomedical Sciences Program (BSP) is an interdisciplinary and interdepartmental program designed to provide incoming students with the greatest amount of flexibility in choosing a course of study. Students have access to over 130 accomplished training faculty in 11 different PhD graduate programs.

Research Areas:

- Cancer Biology
- Cell Biology, Stem Cells and Development
- Computational Bioscience
- Human Medical Genetics and Genomics
- Integrated Physiology
- Immunology
- Microbiology
- Molecular Biology
- Neuroscience
- Pharmacology
- Structural Biology and Biochemistry

Benefits: Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

Admissions: The admissions committee considers the student's cumulative and science GPA's and the types of courses taken as indicators of readiness for graduate work. Competitive candidates have strong backgrounds in biology, chemistry, physical science, and mathematics. Completed coursework should include organic chemistry, biology, biochemistry, physics, and/or calculus. Coursework in two or more of the following subjects is recommended: physical chemistry, cell and molecular biology, genetics, neurobiology, developmental biology, virology, immunology, and physiology.

DEADLINE FOR APPLICATIONS IS DECEMBER 1st.
- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript of all academic work completed to date.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The Cancer Biology Program trains outstanding research scientists, academicians and educators who will become future leaders in cancer biology.

**Research Areas:** Experimental therapeutics, basic mechanisms of cancer cell biology, cancer stem cells, cancer initiation and progression, tumor immunology, tumor microenvironment. Emphasis on lung, breast, head and neck, prostate, bladder, blood, and pediatric cancers.

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** Students are selected who have strong academic records and a demonstrated aptitude, commitment and passion for scientific research. Applicants are considered based on past academic performance, previous laboratory research experience, recommendations and individual interviews. Students most likely to succeed have traditionally been those with intellectual achievement and creativity, first-hand understanding of laboratory research, and a strong personal desire and motivation to progress in their scientific training.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The Cell Biology, Stem Cells and Development (CSD) program is structured to provide training in hypothesis-driven experimental approaches coupled with cutting edge technologies.

**Research Areas:** Membrane trafficking, membrane dynamics, cell signaling, motility, organelle composition and function, studies of the cytoskeleton and extracellular matrix. Stem Cell Biology Research in the treatment of clinical disorders including Parkinson's disease, diabetes, chronic heart disease, end-stage renal disease, liver failure, and cancer.

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** A baccalaureate degree in a biological science, chemistry, physics or engineering is recommended. Candidates must have taken Organic Chemistry, Biology, Biochemistry, Physics and Calculus. Coursework in two or more of the following is recommended: cell biology, developmental biology, genetics, molecular biology, molecular genetics, neurobiology, immunology, and physiology. Research experience is highly recommended.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The Computational Bioscience PhD Program brings a pioneering new approach to computation that advances human health and the molecular understanding of life.

**Research Areas:** Biological visualization data, biomedical oncology, clinical research informatics, computational pharmacology, gene expression, genomics, metagenomics, microbiome, molecular evolution, natural language processing, network analysis, neuroscience, next generation sequence analysis, personalized medicine, statistical methods in genomics, biostatistics, text mining, translational bioinformatics, visual analytics.

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** Applicants with broad educational backgrounds are encouraged to apply to the program. Preference is given to applicants with interdisciplinary training in computer science, mathematics, and biology. Advanced education or experience in computer science or allied field, and some knowledge of contemporary molecular biology is required. Applicants must provide evidence of computation & biological skills such as official transcripts, GRE scores, employment experience, or other well-documented evidence.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The Human Medical Genetics and Genomics Program provides comprehensive training in genetics and genomics, with both basic and translational aspects.

**Research Areas:** Mapping, discovery, and function of disease genes: autoimmune disorders, asthma, pediatric disorders melanoma and other cancers, cardiovascular disease, down syndrome, Parkinson's, Alzheimer's, Huntington's. Developmental genetics and evolutionary genomics.

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** Students are selected on the basis of past academic performance, previous laboratory research experience, and, where possible, individual interviews. We select students who show high intellectual achievement, creativity, independence, and strong motivation to become successful scientists. There are no formal undergraduate course requirements, however students with a solid undergraduate foundation in mathematics and biological and chemical sciences have performed best in the Program. Courses in biology, chemistry (general and organic), physics, genetics, calculus, and statistics are recommended.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- Two (2) official transcripts from each college or university attended.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The Immunology Program couples both formal coursework with informal instruction and vigorous bench training in diverse areas of immunology within an extremely collaborative.

**Research Areas:** Cell development and activation, signaling, inflammation, innate immunity, structural biology, genomics and disease states such as autoimmunity, transplantation, infectious disease, pulmonary immunity, and cancer.

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** Applicants with proven scientific ability, indicated through performance in a college level science program and/or performance in a research laboratory, are welcome and encouraged to apply. Our program seeks to invest in students with the ability to thrive in a stimulating, research-oriented graduate program. We encourage applications from qualified underrepresented minorities where we have a strong history of successful training. A Bachelor's degree or equivalent is required for admittance. The Admissions Committee weighs many factors including undergraduate scholastic record, prior research, letters of recommendation, statement of purpose, and GRE scores.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.
Integrated Physiology is a multidisciplinary PhD training program that prepares students for careers in biomedical research.

**Research Areas:** Cardiac vascular systems, cellular physiology, molecular nutrition and metabolic systems, reproductive biology.

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** The Integrated Physiology Program seeks highly motivated students with the strong backgrounds in quantitative sciences and a passion for biomedical research. The average undergraduate GPA of accepted students is 3.4. Students seeking admission should have taken Organic Chemistry, Biology, General Physics, and college level mathematics through Calculus. Courses in Biochemistry, Physical Chemistry, Genetics and Physiology are recommended. Research experience is strongly recommended. Students with excellent records and research experience who lack specific courses are encouraged to apply.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- Two (2) official transcripts from each college or university attended.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The Microbiology Graduate Program prepares students for careers in research and teaching in the molecular pathogenesis of infectious diseases in both microbiology and virology.

**Research Areas:** Molecular mechanisms of infectious disease pathogenesis, effects of the microbiome on human health and disease, innate and adaptive immune responses to infection, pathogen immune evasion strategies, products and metabolites associated with infectious disease outcomes, regulation of gene expression of both host and pathogen, and identification of potential vaccines and therapeutics to prevent or mitigate infectious diseases.

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** Students come from highly varied backgrounds and are considered based on past academic performance, previous laboratory research experience, recommendations, and individual interviews. Experience in Microbiology coursework and research is helpful, however students with a good foundation in math and biological and chemical sciences have performed best in the Program. Courses in biology, chemistry, biochemistry, and cell and molecular biology are recommended.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The Molecular Biology Program trains students to become outstanding leaders, research scientists, academicians, and educators.

**Research Areas:** Cancer biology, cellular structure and function, chromosome biology, DNA replication/repair/recombination/segregation, developmental biology, gene expression, RNA transcription, mRNA translation, epigenetics, genetics, genomics, bioinformatics, macromolecular structure and function, microbiology and virology.

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** The average undergraduate GPA of accepted students is 3.40. Students should have taken Organic Chemistry (2 semesters; including 1 semester of laboratory), Biology, General Physics, and college level mathematics through Calculus. Courses in Biochemistry, Physical Chemistry, and Genetics are recommended. Research experience is strongly recommended. Students with excellent records and research experience who lack specific courses are encouraged to apply. Where additional course-work is necessary, supplemental courses or reading programs can be designed.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The Neuroscience Training Program provides multidisciplinary training covering the breadth of neurobiology.

**Research Areas:** Molecular neuroscience, cellular neuroscience, developmental neuroscience, behavioral neuroscience, systems and computational neuroscience

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** Students seeking admission into our program should have an undergraduate degree or its equivalent. A baccalaureate degree in either a biological science, chemistry, physics or engineering is recommended. Applicants are strongly encouraged to take an undergraduate level biochemistry course. Students will be more favorably viewed for admission if they have Graduate Record Examination percentiles of 65 or higher. There is no absolute requirement for grade point average above that required by the graduate school, but successful applicants will generally have GPAs above 3.2. Undergraduate research experience is strongly recommended. Students with deficiencies may be admitted, but these must be rectified during the first year.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The Pharmacology PhD Training Program has a long and well established history of training students in the biomedical sciences. The NIH funded pre-doctoral training grant (T32) is one of the longest standing grants of its type in existence.

**Research Areas:** Cancer biology, cardiovascular and pulmonary biology, drugs of abuse, bioinformatics, neuropharmacology, signal transduction, structural biology.

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** Students are selected who have strong academic records and a demonstrated aptitude, commitment and passion for scientific research. Applicants are considered based on past academic performance, previous laboratory research experience, recommendations and individual interviews. Although not an absolute requirement, competitive candidates will typically have completed undergraduate coursework in molecular biology, chemistry (general and organic), biochemistry, physics, and mathematics through calculus.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Four (4) letters of recommendation.

[ucdenver.edu/graduateschool](ucdenver.edu/graduateschool)
The Structural Biology and Biochemistry graduate Program is a highly integrated program created to foster research excellence and training in the characterization of bimolecular structure and mechanisms of molecular interactions.

**Research Areas:** Gene regulation, structure and function, mechanisms of viral and bacterial function, signaling and receptor function, lipid biochemistry, therapeutic diagnostics, technology development.

**Benefits:** Stipend ($30,000 for 2017-2018), All Tuition and Fees covered, Health Insurance, Dental Insurance

**Admissions:** Students are selected who have strong academic records and a demonstrated aptitude, commitment and passion for scientific research. Applicants are considered based on past academic performance, previous laboratory research experience, recommendations and individual interviews. Research experience is strongly recommended. Students with excellent records and research experience who lack specific courses are encouraged to apply.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.

udcnver.edu/graduateschool
The Master of Science program in Modern Human Anatomy (MSMHA) provides graduate level training and teaching experience in the physical and virtual anatomical sciences. The curriculum integrates 3D computer imaging and modeling with human cadaver dissection, neuroanatomy, histology, and embryology.

**Curriculum:** Designed to integrate traditional anatomy with modern medical and scientific technologies, our program offers a unique blend of classical anatomical education with an introduction to medical imaging modalities.

1st-year: students receive substantive training in each anatomical sub-discipline: gross anatomy, neuroanatomy, embryology and histology. Students also cover major medical and scientific imaging modalities and receive instruction in advanced digital image processing and 3D modeling using industry-standard software.

2nd-year: students gain hands-on teaching experience at the graduate or professional level, take electives, and/or complete independent study projects that contribute to their own area(s) of interest.

**Admissions:** Graduation from an accredited college or university with a BA or BS degree required. Successful applicants will have taken 2 semesters of college-level general biology with labs, 2 semesters of general chemistry with labs, 1 semester of statistics, 1 semester of college physics (algebra or calculus based), and cell biology.

**PRIORITY DEADLINE FOR APPLICATIONS IS MARCH 15TH, FINAL DEADLINE IS MAY 1ST.**

- MCAT, DAT, or Graduate Record Examination (GRE), TOEFL (international), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The Biomedical Sciences and Biotechnology Master’s program is an interdisciplinary dual campus Graduate Program that can serve as a valuable stepping-stone for entering a Biomedical Sciences PhD Program or Professional Programs such as Medical School, Dental School or a School of Pharmacy.

Curriculum: The Master's Program requires 26 credits of core courses, such as Foundations in Biomedical Sciences, Biostatistics, Molecular Biology Laboratory, Introduction to Biotechnology, Bio-Entrepreneurship, Issues in Drug Development and Science Writing. 10 elective credits can be chosen from disciplines such as science, leadership and ethics. In replacement of a thesis, an internship including an extensive report and presentation are mandatory.

Internship: As a form of experimental learning, the program requires an internship with a time commitment of at least 10 onsite hours per week for one semester. Internships can be pursued in biotech companies, non-profit or government organizations, or in an academic laboratory. Substituting for the Master's thesis, the interns will write an internship report and will discuss their internship projects and experiences with a faculty committee and fellow students.

Admissions: Applicants are considered based on past academic performance, previous experiences, and recommendations. Prior basic training in molecular biology, biochemistry or genetics is highly recommended. A baccalaureate degree is required.

DEADLINE FOR APPLICATIONS IS APRIL 15th.

- MCAT or Graduate Record Examination (GRE), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.

ucdenver.edu/graduateschool
The MST Program is an eight-year program for highly motivated students interested in a career in academic medicine. The successful student receives both the MD and PhD degrees at the completion of this curriculum.

Curriculum: First two years - medical and graduate student basic science curriculum and rotate through at least two research laboratories to obtain substantive research experience prior to the choice of a laboratory for thesis work. Two to four years - enter a graduate program in one of the basic science departments, fulfilling the requirements for the PhD including successful defense of a dissertation and publication of at least one major paper in peer-reviewed journals. Year four and beyond - return to the medical school curriculum to obtain their clinical training.

Benefits: Stipend ($30,000 for 2017-2018) and all Tuition and Fees covered.

Admissions: The MSTP Admissions Committee is looking for individuals with a demonstrated commitment to medical research and service to community. The committee looks at applicants as whole individuals, equally assessing academic achievement with past experience. Letters of recommendation, substantive bench research experience, test scores, and life experiences are all considered. See website for required prerequisite coursework.

DEADLINE FOR AMCAS APPLICATION IS IN OCTOBER.
See website for updated application requirements and deadlines.

Website: ucdenver.edu/mstp
The University of Colorado Graduate Program in Genetic Counseling provides comprehensive master’s level training that addresses the complex individual, family and societal impact of advances in human genetics and genomics, and their translation into quality health care services and informed health policy.

Genetic counselors work in clinical, laboratory, teaching, administrative, commercial, government, research and consulting environments. As members of health care teams, they provide information and support to individuals and families affected with or at risk for genetic conditions or genetic predispositions to diseases such as cancer. They investigate the traits present in the family, interpret information about these conditions, assess inheritance patterns and risks of occurrence and/or recurrence, review testing and management options, provide supportive counseling, identify community and support group resources, and act as patient advocates.

**Admissions:** Application must be registered with the National Matching Services (NMS) to apply. Admission to the genetic counseling program is highly competitive. Currently, the program admits six new students per year. Admitted candidates generally have qualifications exceeding the minimum standards indicated on the website. Thus, meeting the minimum standards does not guarantee an interview or an offer of admission to the program.

**DEADLINE FOR APPLICATIONS IS JANUARY 1st.**

- Graduate Record Examination (GRE), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Four (4) letters of recommendation.

ucdenver.edu/graduateschool
Rehabilitation Science is an interdisciplinary field of study that integrates knowledge from the basic and clinical sciences to improve our understanding of human movement, physical function, and disability across the lifespan and to improve outcomes of people living with disabilities.

**Research Areas:** Clinical rehabilitation trials, health services research, translational research, exercise science.

**Benefits:** Stipend ($30,000 for 2017-2018) and all Tuition and Fees covered.

**Admissions:** A baccalaureate degree in either a biological science, chemistry, physics or engineering is recommended. Applicants are strongly encouraged to take an undergraduate level biochemistry course. A professional degree (e.g. DPT, OT, MD) is not required, however, strong applications generally show significant clinical and research experience. Students will be more favorably viewed for admission if they have Graduate Record Examination percentiles of 65 or higher. Successful applicants will generally have GPAs above 3.2. Students with deficiencies may be admitted, but these must be rectified during the first year.

**DEADLINE FOR APPLICATIONS IS DECEMBER 1st.**

- Graduate Record Examination (GRE) and TOEFL (international applicants), code 4875.
- Minimum cumulative undergraduate GPA of 3.00.
- Online Graduate School application.
- $50.00 domestic and $75.00 international non-refundable application fee.
- One (1) official transcript from each college or university attended.
- Three (3) letters of recommendation.
- List of 1-3 faculty with whom you’d like to work. Contacting potential mentors prior to submitting the application is strongly encouraged.

ucdenver.edu/graduateschool
ACADEMIC REQUIREMENTS
In order to enter the Master of Medical Science Program in Anesthesiology, students will need:

- A bachelor’s degree from an accredited institution
- An MCAT score attained within 5 years of applying to the program
- Completion of the prerequisite courses noted below
- A minimum of 8 hours of anesthetist shadowing
- Background Check administered through the purchase of Package UF28 on CastleBranch.com

PREREQUISITE COURSES
Documentation that each of the prerequisites listed below has been completed, with a grade of B-(2.7) or higher. Substitutions are NOT permitted, and survey courses for non-science majors are NOT acceptable. For those courses that have been repeated, the highest grade will be recognized. The prerequisites must be completed within 7 years of the application deadline; however, if a student takes the MCAT and receives a score of 25 or higher (or above the 45th Percentile on the new MCAT), the 7-year requirement for prerequisites will be waived.

- English: One semester (7 year window DOES NOT APPLY)
- General Biology with Lab: 2 semesters
- General Chemistry with Lab: 2 semesters
- Organic Chemistry with Lab: 2 semesters
- General Physics with Lab: 2 semesters (trigonometry or calculus based is preferred)
- Biochemistry: 1 semester
- Calculus: 1 semester
- Statistics: 1 semester
- Human Anatomy and Physiology: 1 semester of combined A&P or 1 semester each of Human Anatomy and Human Physiology (Courses in vertebrate embryology and developmental anatomy or mammalian physiology and embryology will NOT satisfy this requirement.)
- Cellular and Molecular Biology: Preferred, but not required

Advanced placement credit for prerequisite coursework that appear in official transcripts may be considered based on courses, scores, and student’s overall undergraduate performance
CU Physical Therapy Program

The University of Colorado Physical Therapy Program (CU PT) offers the Doctor of Physical Therapy degree (DPT) to graduates following 8 consecutive semesters, or 2.5 years. CU PT prepares physical therapists who are prepared to treat patients across the lifespan and assume multi-faceted responsibilities for high quality care in today’s healthcare environment.

Demographics (Class of 2020):
Typical class size: 65-70
69% female, 31% male
52% in-state, 48% out-of-state
21% under-represented minority
Average age: 24
Average cumulative GPA: 3.7

Curriculum

**Academic Curriculum:** On-campus courses include both classroom and laboratory learning experiences, beginning with foundational science and clinical skill content, and progressing to patient management, advanced clinical skills and professional topics. Content learned in the classroom and laboratory complement the integrated and full-time clinical experiences that begin in the second semester.

**Clinical Education Curriculum:** Our unique clinical education curriculum includes 38 weeks of clinical education prior to graduation. The first two years include one and two week integrated clinical education, as well as 8 and 10-week full time clinical experiences. In year three, students complete a full-time 16-week clinical experience with additional options to continue in a paid internship or internship to residency program beyond graduation at the same site. Students gain a variety of experiences throughout the clinical education curriculum to prepare them as generalist physical therapists. All students are required to complete at least one experience in a rural/underserved area. Many of these sites are outside the Denver area, and students should be prepared to travel for this
type of clinical experience, which includes any associated costs. The CU PT Program values building strong relationships with its affiliate clinical sites throughout Colorado and the United States. Establishing new clinical sites will only be considered according to Program need and at the discretion of the Clinical Education team.

**Prerequisites & Other Requirements to Apply:** All prerequisite courses must be completed prior to matriculation. Only one (1) prerequisite science course may be in progress in the spring semester prior to matriculation. Courses completed with a C- or below are not acceptable. It is recommended that all science and math courses be completed within the last five (5) years. Prerequisites include General Chemistry I and II (8 semester hours [SH]), General Physics I and II (8 SH), anatomy and physiology (8 SH), upper-division basic science (3 SH), statistics (3 SH), psychology (6 SH), math (3 SH), and English/writing (3 SH). A bachelor’s degree is required by the start of the program in the summer semester. The Admissions Committee weighs many factors including GPA, GRE scores, work/volunteer experience, letters of recommendation, essays, and observation.

**Program Eligibility**

- A bachelor’s degree must be earned by the start of the program
- Minimum cumulative GPA: 3.0
- Minimum GPA in science/math courses: 3.0
- Graduate Record Exam (GRE) scores for verbal, quantitative and written analysis portions
- Required observation hours in the U.S.: 45 hours
  - Inpatient: minimum of 15 hours required (e.g. hospital, rehabilitation facility or skilled-nursing facility)
  - Outpatient: minimum of 15 hours required (e.g. PT clinic, outpatient hospital clinic)
  - Additional setting: minimum of 15 hours required (e.g. nursing facility, school, home health or specialty care PT clinic)
- References – obtain three references, including one (1) from each of the following:
  - Licensed physical therapist in the U.S.
  - Science professor, professor in major or professor of a course that will meet our upper-division science requirement
  - Additional professor, health professional or recent employer or supervisor

**DEADLINE FOR APPLICATIONS IS OCTOBER 1, 2018.**

- Online PTCAS application
- One (1) official transcript from each college or university attended
- $100 non-refundable supplemental application fee
- In-person interviews in January
The CU School of Dental Medicine is committed to attracting highly qualified students from a variety of educational backgrounds and life experiences. We use a holistic review process when considering applicants and look at a number of factors including academic credentials, test scores, letters of recommendation and an invitation only interview.

We encourage all interested individuals to apply by following the requirements below:

**Prerequisite Requirements** ([course descriptions](#))
The following courses (semester hours or equivalent quarter hours) are required to apply to the School of Dental Medicine. All coursework must be completed with a grade of C or better from an accredited U.S. college or university at the conclusion of the spring term of the year accepted. No more than 60 semester hours are allowed from a community/junior college. High school advanced placement (AP) courses can be accepted for prerequisite course work, and will be evaluated on a case by case basis. Official documentation will be required to include AP scores. If you are an international student, please contact the [admissions office](#) directly.

- General Biology or General Zoology with Lab (8 semester hours)
- General Chemistry with Lab (8 semester hours)
- Organic Chemistry with Lab (8 semester hours)
- General Physics with Lab, Algebra or Calculus based (8 semester hours)
- Microbiology, Lab not required (3 semester hours)
- General Biochemistry, Lab not required (3 semester hours)
- English Composition (3 semester hours)
- 90 semester hours with at least 30 hours of upper division credit

Suggested Electives: Courses to consider include anatomy, cell biology, histology, immunology, physiology, business management/finance, psychology and communications. Courses may be in a single area with a general background in many areas or may group together several related areas in the sciences or humanities.
Application Requirements

Applicants apply through the American Dental Education Association (ADEA) application service. **Applications may be filed beginning June 1 of the year preceding admission. The latest filing date is November 15.** While a rolling admissions process is utilized, which may extend acceptances through March of the admission cycle year, early application is strongly encouraged as acceptances are offered as early as December 1. Only completed applications are reviewed. Please send the following directly to ADEA:

- Completed AADSAS application - available online at [American Dental Education Association (ADEA)]
- Official transcripts from all colleges, universities and professional schools you attended
- Letters of recommendation:
  - Two letters from science instructors AND one letter from a non-science instructor, dentist you shadowed or employer
  - OR
  - Pre-Dental Committee letter (must include two science instructors)

**A $65.00 application fee is due with the application.** A separate e-mail will be sent out with instructions on how to submit payment.

Supplemental application materials are required only upon request.

Dental Admission Test

Each applicant must complete the [Dental Admission Test (DAT)](https://www.aadea.org/admissions/dental-admission-test). The computerized test can be taken at any time during the year, however, you are encouraged to complete the DAT by September 1. ADEA will obtain your official DAT scores directly from the testing center, and will import them directly into your application.

Dental Shadowing Requirements

A minimum of 50 hours of dental shadowing are required. Ideally, these hours will include time with a variety of general and specialty dental clinics.

Interview

Once the completed application has been reviewed by the Office of Admissions, the applicant may be invited to campus for a formal interview and tour of our school.

If you have any questions regarding admission requirements and procedures, please contact the Office of Admissions at 303-724-7122 or DDSadmissioninquiries@ucdenver.edu.
University of Colorado College Nursing

College of Nursing
UNIVERSITY OF COLORADO
ANSCUTZ MEDICAL CAMPUS

BACCALUREATE
- Traditional
- Accelerated
- RN-BS
- Integrated Nursing Pathway

MASTER’S PROGRAMS
- 13 Available Specialties

BS-DNP
DNP
PhD
- Health Care Systems Research
- Caring Science
- Biobehavioral Sciences

CONTINUING EDUCATION

ucdenver.edu/nursing
A BACHELOR’S DEGREE IN NURSING PREPARES YOU TO WORK IN ALL AREAS OF HEALTH CARE AND OFFERS YOU CAREER FLEXIBILITY. BACCALAUREATE-PREPARED NURSES ARE CHOSEN FIRST BY EMPLOYERS AND CONTRIBUTE TO BETTER PATIENT OUTCOMES. NOW IS THE TIME FOR A CAREER IN NURSING. START TODAY.

Baccalaureate Pathways

1. Traditional BS in Nursing—a 24-month program that allows you to balance your educational pursuits with the demands of a job and/or family. This program requires a minimum of two years of college credit including prerequisites. Applicants with previous bachelor’s degrees are also eligible.

2. UCAN Accelerated BS in Nursing—a 12-month, highly intensive, fast-paced program with a rigorous schedule. A previous bachelor’s degree and healthcare experience are required.

3. RN-BS in Nursing—a seven-course program that allows you to finish your bachelor’s degree online and focus your education on your individual area of interest.

4. Dual Enrollment—a program that allows you to take CU classes while completing your ADN. You will finish your BS in Nursing six months after graduating from one of our partner institutions: Arapahoe Community College, Front Range Community College, or Pueblo Community College.

5. Integrated Nursing Pathway—partnership programs with Community College of Aurora, Community College of Denver, and Red Rocks Community College Arvada Campus that allow you to earn your associate’s degree, then continue seamlessly into the Traditional BS program at the CU College of Nursing.

Why Choose CU?

• Work with some of the nation’s most accomplished leaders in education, management, practice and research.
• Learn from faculty who are certified and practice in their areas of specialty. The CU College of Nursing faculty operate two midwifery clinics in multiple locations and interdisciplinary, nurse-managed community clinics: Sheridan Health Services, the Campus Health Center at Anschutz Medical Campus, and CU Healthcare Partners @ Belloview Point.
• Become part of a 119-year legacy of excellence in nursing education.

Visit our Website to Learn

• Prerequisites
• Eligibility requirements
• How to apply
• Application deadlines
• Financial aid and scholarship information
• Tuition and fees information
• How to attend an upcoming information session
• Frequently asked questions
• Honors program information

303-724-1812 • NURSING.UCDENVER.EDU/BS

BE THE NURSE EVERYONE LOOKS TO FIRST
THE CU COLLEGE OF NURSING created the first nurse practitioner program in 1965. Our pioneering spirit continues today at Colorado’s state-of-the-art education, research and patient care facility. How will you change health care? START YOUR JOURNEY TO ADVANCED PRACTICE TODAY.

Program Options

**MS**—pursue your master's degree in Nursing with an advanced practice or indirect care specialty.

**BS-PhD**—earn your master's degree and continue directly into the research-focused doctoral program. Both degrees are awarded.

**BS-DNP**—earn your master's degree and continue directly into the practice-focused doctoral program. Both degrees are awarded.

**PhD**—complete the research-focused doctorate. This program is for students who already hold a master's degree in Nursing.

**DNP**—complete the practice-focused doctorate. This program is for students who already hold a master's degree in Nursing.

**DNP/MPH**—earn your master's degree in Public Health and the practice-focused doctorate. Both degrees are awarded.

**DNP-PHN**—complete the practice-focused doctorate with a Public Health focus. This program is for students who already hold a master's degree in Nursing.

Advanced Practice Specialties

Adult-Gerontology Nurse Practitioner (Acute & Primary Care)
Adult-Gerontology Clinical Nurse Specialist
Family Nurse Practitioner
Nurse-Midwifery
Pediatric Nurse Practitioner (Acute & Primary Care)
Psychiatric Mental Health Nurse Practitioner
Women’s Health Nurse Practitioner

Indirect Care Specialties (online)

Health Care Informatics
Nursing Leadership and Health Care Systems (i-LEAD)
Veteran and Military Health Care

Why Choose CU?

- Work with some of the nation’s most accomplished leaders in education, management, practice and research.
- Learn from faculty who are certified and practice in their areas of specialty. The CU College of Nursing faculty operate a number of practices in midwifery, women's health, primary care, and behavioral health throughout the Denver metro area.
- Our online graduate nursing programs are #9 in the U.S. News & World Report 2018 rankings.
- Two of our master’s specialties were nationally ranked for 2018 by U.S. News & World Report – Pediatric Primary Care Nurse Practitioner: #9, Health Care Informatics: #9.
- Our Adult-Gerontology CNS program leads in the Western Region of the United States and develops outstanding clinicians and health care administrators.
- Get specialized health care training in urban underserved populations through the CU-UNITE track.

Visit our Website to Learn

- Prerequisites
- Eligibility requirements
- How to apply
- Application deadlines
- WICHE and scholarship information
- Tuition and fees
- How to attend an upcoming information session
- Frequently asked questions
DNP Pathways
The DNP prepares nurses for advanced practice roles as clinical nurse specialists, nurse practitioners, or certified nurse midwives.

BS-DNP — Choose this pathway if you have a BS in nursing and want to earn both the master’s and the doctor of nursing practice degrees in a continuous program.

DNP-Clinical Focus — If you already have a MS in nursing in an advanced practice specialty and certification in that specialty, this is the pathway for you.

DNP-Public Health Focus — Choose this pathway if you have a BS in nursing and a master’s degree in community or public health nursing or MPH and are interested in public health nursing (PHN).

DNP/MPH — This pathway is best for you if you have a BS in nursing and are interested in earning both doctor of nursing practice and master of public health degrees in a condensed program.

Why Choose CU?
- Learn from some of the nation’s most accomplished leaders in education, management, practice and research. The majority of our DNP faculty are advanced practice registered nurses (APRNs) who are actively engaged in clinical practice.
- The DNP is a practice-focused degree, so you will graduate confidently prepared for your role as an APRN.
- Benefit from distance-accessible classes, combined with some intensives in Denver.
- Rest assured that our online classes will be just as good as our classes on campus. Our online graduate programs were ranked 9th by U.S. News & World Report in 2018.
- See if you qualify for in-state tuition through the Western Interstate Commission for Higher Education (WICHE) program.

Visit our Website to Learn
- Prerequisites and Eligibility Requirements
- How to Apply and Application Deadlines
- WICHE and Scholarship Information
- Information about Tuition and Fees
- Dates for Upcoming Information Sessions
- Frequently Asked Questions

303-724-1812 • NURSING.UCDENVER.EDU/DNP
HOW WILL YOU CHANGE HEALTH CARE? BECOME A NURSE SCIENTIST AND CONDUCT RESEARCH THAT WILL LEAD TO IMPROVED PATIENT SAFETY AND OUTCOMES ACROSS THE LIFESPAN. FEWER THAN 1 PERCENT OF NURSES HOLD A DOCTORAL DEGREE.  

LEAD THE FIELD. START TODAY.

PhD Pathways

The College of Nursing offers two pathways to the PhD.

• BS-PhD—With a BS in nursing, you can earn an MS degree leading into PhD coursework and research in one program.

• PhD—Post-master’s doctoral coursework followed by a dissertation leads you to the PhD degree.

Areas of Focus

• Biobehavioral Science—Focuses on health and illness and the interrelationships among their psychosocial, behavioral and biological processes. Research the prevention, progression or management of a disease, symptom or other health state across the lifespan. Study with faculty experts in your specific clinical area of interest—children and families, women’s health, maternal/newborn, or adult and senior health.

• Health Care Systems—Focuses on health care delivery systems in a variety of settings, organizations, populations, communities and outcomes. Examine interrelationships among context, care delivery and information systems with the goal of improving population health, safety and quality systems. Study with faculty experts in health services research, population-based quality of life, informatics and healthcare outcomes.

• Caring Science—Focuses on the art and science of human caring knowledge, ethics and clinical practice. Research the intellectual, reflective, philosophical and theoretical underpinnings of Caring Science, building on the work of Jean Watson, PhD, RN, FAAN. Study the relationships between nursing science caring theory, knowledge of the humanities and health care outcomes.

Why Choose CU?

• Work with nationally funded researchers, editors of major nursing journals, endowed professors and faculty chairs, scholars with joint academic-clinical appointments and faculty recognized for excellence in teaching and mentorship. Sixteen faculty have been recognized as fellows of the American Academy of Nursing, the highest honor bestowed.

• Take advantage of the resources of the state-of-the-art Anschutz Medical Campus, including the Colorado Clinical & Translational Sciences Institute (CCTSI) and opportunities for professional collaboration (profiles.ucdenver.edu).

• Benefit from distance-accessible classes, combined with periodic intensives in Denver. Take advantage of an expanded array of online doctoral courses available through the Nursing Education Exchange (NEXus) collaborative of universities (www.winnexus.org).

• See if you qualify for in-state tuition through the Western Interstate Commission for Higher Education (WICHE) program.

Visit our Website to Learn

• How to Apply and Application Deadlines
• WICHE and Scholarship Information
• Information about Tuition and Fees
• Frequently Asked Questions

303-724-1812 • NURSING.UCDENVER.EDU/PHD

The Colorado School of Public Health is a tri-campus collaborative school comprised of programs on the University of Colorado Anschutz Medical Campus, Colorado State University and the University of Northern Colorado. Today ColoradoSPH has approximately 650 students and more than 200 faculty across the three university campuses. Each day the school finds new and innovative ways to expand its work, build partnerships, and achieve the goal of a healthier region and world.

**Certificate Programs**

**Deadlines:** October 15th / February 15th  
**Programs:** Please visit our website. [www.ucdenver.edu/academics/colleges/PublicHealth](http://www.ucdenver.edu/academics/colleges/PublicHealth)  
**Admissions Requirements**

- Bachelor’s degree required  
- Official transcripts from all educational institutions attended  
  - Transcripts from international institutions need to be evaluated by World Education Services.  
- Personal statement  
  - Your 2-page, single spaced statement should address your career goals and purpose for applying to the program. Please discuss your past experiences and explain how this program will serve your future goals.  
- Resume or CV  
- 1 letter of recommendation  
  - We encourage applicants to have their letter of recommendation come from a faculty member who can attest to their academic performance.  
- TOEFL or IELTS scores if required
MASTER OF PUBLIC HEALTH (MPH)

Master of Public Health (MPH)

Preferred Deadline: January 15th
Final Deadline: May 1st
Programs: Please visit our website, www.ucdenver.edu/academics/colleges/PublicHealth.

Admissions Requirements

- Bachelor's degree required
- Official transcripts from all educational institutions attended
  - Transcripts from international institutions need to be evaluated by World Education Services.
- Official GRE scores
  - We are looking for applicants that score at or above the 50th percentile.
  - MCATs are accepted as a substitution for GRE scores.
- Personal statement
  - Your 2-page, single spaced statement should address your career goals and purpose for applying to the program. Please discuss your past experiences and explain how this program will serve your future goals.
- Resume or CV
- 3 letters of recommendation
  - We encourage applicants to get at least one letter of recommendation from a faculty member who can attest to their academic performance.
- TOEFL or IELTS scores if required

Prerequisites

The majority of our MPH concentrations do not have prerequisite courses; please visit our website, www.ucdenver.edu/academics/colleges/PublicHealth for more information.
Doctor of Public Health (DrPH)

Deadline: January 15th

Programs: Community & Behavioral Health, Environmental & Occupational Health and Epidemiology

Admissions Requirements

- Bachelor's degree required
- MPH, MS, or MSPH degree required; dependent on program
- Official transcripts from all educational institutions attended
  - Transcripts from international institutions need to be evaluated by World Education Services.
- Official GRE scores
  - We are looking for applicants that score at or above the 50th percentile.
  - MCATs are accepted as a substitution for GRE scores.
- Public Health Experience
  - At least 2 years of work in public health or a related field
- Personal statement
  - Your 2-page, single spaced statement should address your career goals and purpose for applying to the program. Please discuss your past experiences and explain how this program will serve your future goals.
- Resume or CV
- 3 letters of recommendation
  - We encourage applicants to get at least one letter of recommendation from a faculty member who can attest to their academic performance.
- TOEFL or IELTS scores if required

Prerequisites

The DrPH degrees do have other requirements and prerequisites which vary depending on the program. Please visit our website, www.ucdenver.edu/academics/colleges/PublicHealth for more information.
**Master of Science (MS)**

**Deadline:** February 1st  
**Programs:** Biostatistics, Epidemiology or Health Services Research

**Admissions Requirements**

- Bachelor's degree required
- Official transcripts from all educational institutions attended
  - Transcripts from international institutions need to be evaluated by World Education Services.
- Official GRE scores
  - We are looking for applicants that score at or above the 50th percentile.
  - MCATs are accepted as a substitution for GRE scores.
- Personal statement
  - Your 2-page, single spaced statement should address your career goals and purpose for applying to the program. Please discuss your past experiences and explain how this program will serve your future goals.
- Resume or CV
- 3 - 4 letters of recommendation
  - We encourage applicants to get at least one letter of recommendation from a faculty member who can attest to their academic performance.
- TOEFL or IELTS scores if required

**Prerequisites**

The MS degrees do have prerequisites which vary depending on the program. Please visit our website, [www.ucdenver.edu/academics/colleges/PublicHealth](http://www.ucdenver.edu/academics/colleges/PublicHealth) for more information.
Doctor of Philosophy (PhD)

Deadline: February 1st

Programs: Biostatistics, Epidemiology or Health Services Research

Admissions Requirements

- Bachelor’s degree required
- Official transcripts from all educational institutions attended
  - Transcripts from international institutions need to be evaluated by World Education Services.
- Official GRE scores
  - We are looking for applicants that score at or above the 50th percentile.
  - MCATs are accepted as a substitution for GRE scores.
- Personal statement
  - Your 2-page, single spaced statement should address your career goals and purpose for applying to the program. Please discuss your past experiences and explain how this program will serve your future goals.
- Resume or CV
- 3 - 4 letters of recommendation
  - We encourage applicants to get at least one letter of recommendation from a faculty member who can attest to their academic performance.
- TOEFL or IELTS scores if required

Prerequisites

The PhD degrees do have other requirements and prerequisites which vary depending on the program. Please visit our website, www.ucdenver.edu/academics/colleges/PublicHealth for more information.
CONSIDERING A CAREER IN HEALTHCARE?
As part of the healthcare team, pharmacists are the medication experts. Pharmacists play a vital role in the health care system, helping patients get well and stay well. Pharmacists are medication experts ultimately concerned about their patients’ health and wellness. Whether they become community pharmacists, hospital pharmacists, teachers, researchers or entrepreneurs, they are scientifically knowledgeable, compassionate, ethical and committed to a lifetime of continued learning.

WHY CHOOSE CU ANSCHUTZ?
CU Pharmacy and our students continually demonstrate this through the development of exceptional programs that go beyond the classroom. In recognition of the school’s efforts, CU Pharmacy received the 2017 Lawrence C. Weaver Transformative Community Service Award from the American Association of Colleges of Pharmacy (AACP); an award given to schools committed to addressing unmet community needs through education, practice, and research.

• Aurora Elementary Schools Nutrition Program
• Commitment to rural health in Colorado
• Prescription drug abuse prevention and combatting the opioid epidemic in Colorado.
• Commitment to Community Health Centers and Federally Qualified Health Centers

DOCTOR OF PHARMACY PHARMD: Treat patients directly as part of the healthcare team

EXPLORE
Located on the University of Colorado Anschutz Medical Campus, CU Skaggs School of Pharmacy offers the following options for pre-health students, no matter what their ultimate career choice, to explore medications and the roles of pharmacists as key participants on interprofessional healthcare teams.

• Attend an informational session on the Anschutz Medical Campus
• Take a behind the scenes tour at University of Colorado Hospital
• Shadow an interprofessional medical team during patient care rounds

FIND OUT MORE AT UCDENVER.EDU/PHARMACY/EXPLORE
A RECOGNIZED NATIONAL LEADER IN PHARMACY
The doctor of pharmacy (PharmD) program prepares individuals for a variety of careers within the pharmacy profession. The curriculum includes didactic, professional skills and experiential learning opportunities starting in the first year of the program. It is the school’s goal to train pharmacists who have the self-confidence and competency which define an independent pharmacy practitioner. To achieve that goal, students are placed in community, hospital and other innovative pharmacy practice settings and given increasing patient care responsibilities throughout the program.

ADMISSIONS
Students do not need a Bachelor’s Degree to apply: only 72 credit hours of pre-pharmacy coursework (flexibility to take prerequisites online, with the exception to labs and public speaking) completed or in progress. Students without a Bachelor’s Degree can earn a BS in Medical Science after their second year of pharmacy school.

We accept both the Pharmacy College Admissions Test (PCAT) or Medical College Admissions Test (MCAT).

FIND OUT MORE AT UCDENVER.EDU/PHARMACY
Contact us to become the best applicant you can be: PharmD.Info@ucdenver.edu or 303-724-8457

FACULTY
Pharmacy faculty are nationally recognized with education and clinical awards.

INTERPROFESSIONAL
Pharmacy students are placed into interdisciplinary teams to foster collaboration in the field.

EXPERIENTIAL
The Experiential Program spans the entire four-year entry level doctor of pharmacy curriculum.

APPLICATIONS
The School of Pharmacy conducts rolling admissions by evaluating applications submitted through PharmCAS as they are received.

CU Pharmacy offers an Early Decision option for applicants whose top choice is CU!
A RECOGNIZED NATIONAL LEADER IN TOXICOLOGY
The Toxicology graduate program focuses on the cellular and molecular mechanisms underlying the toxic effects of therapeutic agents, industrial chemicals and environmental toxicants. An integral component of this program is investigation and characterization of cellular adaptation, oxidative stress and the genetic components that underlie resistance or susceptibility to toxic agents. Research opportunities for trainees cover the breadth of toxicology with major strengths in cancer and chemoprevention, oxidative stress, neurotoxicology, pulmonary toxicology, hepatotoxicology, toxicogenetics and genomics, immunotoxicology, nanotoxicology and clinical toxicology.

WHY CHOOSE CU ANSCHUTZ?
From cancer and chemoprevention to environmental causes of neurological disease to nanomedicine and toxicology, the Skaggs School of Pharmacy is a recognized leader in toxicology. We are home to a vast array of research resources including a high throughput/high content screening facility to a state of the art mass spectrometry core.

FIND OUT MORE AT UCDENVER.EDU/PHARMACY
Contact us to become the best applicant you can be: PharmD.Info@ucdenver.edu or 303-724-8457
A RECOGNIZED NATIONAL LEADER IN PHARMACEUTICAL SCIENCES

Doctoral education in Pharmaceutical Sciences is focused on solving problems arising in the world today. The program focuses on the formulation, synthesis, manufacture, development, stability, biophysical analysis, characterization, delivery, and biodistribution of small molecules and biopharmaceutical agents.

The goal of the graduate program is to provide research training for students interested in pursuing careers in drug and biopharmaceutical discovery, development, and/or clinical optimization.

RESEARCH AREAS
- Pharmaceutical Biotechnology
- Molecular Biophysics
- Cancer Pharmacology
- Clinical & Translational Sciences
- Medicinal Chemistry
- Drug Discovery

PHARMACEUTICAL OUTCOMES RESEARCH
A PhD track with training and research in:
- Pharmacoeconomics
- Pharmacoepidemiology
- Drug and Health Policy

APPLICATIONS
We accept applications from Sept. 1 to Dec. 1 for the following fall. On-campus interviews take place in February.

WHY CHOOSE CU ANSCHUTZ?
From drug discovery to cancer pharmacology and prevention to DNA packaging and nanomedicine, the Skaggs School of Pharmacy is a recognized national leader in pharmaceutical sciences. We are home to a vast array of research resources in the Drug Discovery Initiative Core Facilities as well as three research centers. Our mission is to educate pre-doctoral students to develop independent research, consulting or teaching careers in toxicology. Our graduates go on to careers in academia, industry, consulting or government.

FIND OUT MORE AT UCDENVER.EDU/PHARMACY
Contact us to become the best applicant you can be: PharmD.Info@ucdenver.edu or 303-724-8457
GENERAL INFORMATION

- All prerequisites must be completed at a regionally accredited college or university. We accept courses from schools accredited by the Middle States Association (MS), North Central Association (NC), New England Association (NE), North West Association (NW), Southern Association (SA), and Western States Association (WS). Community college courses are generally acceptable for lower division coursework requirements.
- To be considered for admission, applicants must have a **minimum cumulative and science GPA of 3.0 on a scale of 4.0**. Applicants who are offered interviews commonly have cumulative and science GPAs in the higher range. Applicants with GPAs of less than 3.0 for either the cumulative or science GPA will not be considered.
- A Baccalaureate degree from an accredited institution is required to be completed prior to matriculation to the program. Applicants from all academic disciplines are welcome to apply, provided they meet the prerequisite course requirements.
- The General GRE exam is required for all applicants. The GRE must be taken within the last 5 years. If you have a graduate level degree, you may submit scores older than 5 years. **Submit GRE scores to the Univ of Colorado Phys Asst CASPA code 3722.** Only scores sent to this GRE code will be accepted.

*Note: Health care experience is not required*

COURSE REQUIREMENTS

- All prerequisite courses must have a grade of "C" or higher to be accepted.
- Pass/Fail courses, Advanced Placement credit (AP), or International Baccalaureate (IB) credit are not accepted to fulfill the prerequisite curserrequirements.
- Research, thesis, teaching assistant, independent studies, and experiential courses are also not accepted to fulfill prerequisite courses. Students must request approval to use any courses with general titles such as "Special Topics of Biology", "Senior Seminar," or "Techniques of Biological Science" toward the BIO prerequisite coursework.
- See the FAQ section for information on nutrition courses and courses offered in the Health Science department.
- Use the Prerequisite Worksheet to determine what courses you have completed and what courses are yet to be completed.
PREREQUISITES TO BE COMPLETED PRIOR TO THE APPLICATION DEADLINE:

- CHEMISTRY: 8 SEMESTER HOURS (or 12 quarter hours)
- BIOLOGY: 14 SEMESTER HOURS (or 20 quarter hours) WITH 6 SEMESTER HOURS (or 9 quarter hours) OF UPPER DIVISION COURSE WORK
- GENERAL GRADUATE RECORD EXAM: COMPLETED WITHIN THE LAST 5 YEARS
  - The GRE is required for all applicants. The GRE exam may be older than 5 years if you have completed a Master’s degree.
- PSYCHOLOGY: 6 SEMESTER HOURS (or 9 quarter hrs)
- STATISTICS: 3 SEMESTER HOURS (or 4 quarter hrs)

PREREQUISITES TO BE COMPLETED PRIOR TO MATRICULATION:

- GENERAL GENETICS: 3 SEMESTER HOURS (or 4 quarter hrs)
- PSYCHOLOGY: 6 SEMESTER HOURS (or 9 quarter hrs)
- STATISTICS: 3 SEMESTER HOURS (or 4 quarter hrs)
- BACHELOR’S DEGREE – NO SPECIFIC MAJOR IS REQUIRED

ADMISSIONS TIMELINE

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>April 15 - Sept. 1</td>
<td>CASPA application available online.</td>
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<tr>
<td>May 15 - Sept. 1</td>
<td>Supplemental CU application available.</td>
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<tr>
<td>Early June</td>
<td>Application review begins.</td>
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<tr>
<td>September 1</td>
<td>GRE scores must be received for all applications.</td>
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| September 1      | Application deadline for all applicants. The program Supplemental application and CASPA application must be submitted and completed. (The CASPA application does not need to be verified, just completed, by Sept. 1 to meet the application deadline.)  
  - CHA/PA has a rolling admissions process. It may take up to 4-6 weeks once the CASPA application is completed for the program to receive the verified CASPA application. |
| September & October | Interviews take place on-campus in September and October. Admission offers occur on a rolling basis until the class is filled. Final admission decisions are generally completed by early spring. |
| Early July       | Orientation and classes begin.                                     |

Please find detailed prerequisite information on the CHA/PA website at: www.medschool.ucdenver.edu/paprogram/admissions.
Obtaining a professional degree in healthcare can be expensive. Get affordable access to professional healthcare education in the West with WICHE’s PSEP!

Have you seen your doctor, dentist, or taken Fido to the vet lately? Chances are good that your medical professionals received their professional healthcare degree through WICHE’s Professional Student Exchange Program (PSEP) – or know someone who did. WICHE has provided Western residents with affordable access to professional education through PSEP since the early 1950s! Over the last 65 years, some 15,000 practitioners have earned their professional degree through PSEP.

Healthcare workers of all kinds are in high demand, especially in the West’s chronically underserved rural areas. Educating more healthcare professionals is crucial, but given fiscal pressures and small populations that limit the number of eligible students, it doesn’t always make sense for a state to create its own program in certain healthcare professions. State policymakers who are looking for the smartest investment of limited public funds to educate future practitioners understand that sharing educational resources within the West is a fiscally responsible approach.

In the 2017-18 academic year, 10 WICHE states are investing more than $14.2 million to provide affordable healthcare education to 610 students. Students can choose from more than 130 fully accredited and high-quality programs at 62 participating public and private institutions.

PSEP: The Debt Buster! Students enrolled through WICHE’s PSEP pay reduced tuition at out-of-state public and private institutions. Depending on the student’s field of study and where they enroll, a PSEP student can save between $8,000 and more than $32,000, per academic year! The student’s home state legislature appropriates funds to buy down tuition costs in selected healthcare fields. Those funds are administered through WICHE and are sent directly to the enrolling institutions as a “support fee”. The support fees for each professional field are negotiated biannually between WICHE and the cooperating programs.
How it works. Check the chart above to see if your state support students through PSEP, and in which fields. Typically a state will support students in a healthcare field if it does not operate a public program in that healthcare field.

To be considered for support, applicants must meet their home state’s residency requirements and become “certified” by their “certifying officer”. See www.wiche.edu/psep for your state’s application. Apply prior to your state’s deadline.

Applicants apply to participating programs and notify their certifying officer if they are admitted to a program. In the spring, WICHE compares the number of applicants with offers in each state cohort, to the budgeted number of seats for that state.

If the number of offers exceeds available funding, WICHE contacts cooperating programs to “rank” individual applicants who applied to their programs, by state cohort. Funding is offered first to the top-ranked applicants.

Program Advantages. PSEP helps participating programs meet their recruitment and enrollment goals. Deans are pleased with the diversity of perspectives – rural, ethnic, and regional – that PSEP students bring to their class-rooms, thereby enriching the learning experience for everyone.

State Return-on-Investment. The majority of WICHE states that support students through PSEP require their graduates to return home and practice for three to four years. WICHE states educating their healthcare workforce through PSEP get an excellent return on their investment – an average of 68 percent. Nevada reported that 89 percent of its graduates returned home to practice!

For more information, visit www.wiche.edu/psep. Or contact us at 303.541.0270 or info-sep@wiche.edu.

Revised 11/2/17

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Shelby’s Optometry School Tuition (4 years)
Without PSEP .................
$174,000
With PSEP .....................

**Savings varies, depending on the enrolling institution and program.

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As a Colorado resident, I figured I would have to move to another state to become an optometrist, because there is no optometry school in the state. WICHE’s PSEP allowed me to attend my top-choice school in Southern California. WICHE changed my life – and my mother’s! She also benefited from WICHE’s program when she went to Pacific University’s College of Optometry years ago. Thank you, Colorado, for dreams of becoming optometrists! We truly could not done it without you!”

— Shelby, Colorado resident, Class of Southern California College of Optometry at Marshall B. Ketchum