



## HEALTH PROFESSIONS ADVISING

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# Pharmacy

*The following information is intended to answer some of the typical questions from students who are interested in a Human or Animal Health related fields. We hope this information offers an opportunity for comparison, but it may not represent any individual program, school, or profession completely. Please ALWAYS double-check your information before making decisions!*

## OVERVIEW:

Pharmacists are experts in the science of medications and the art of medication therapy. As such they are vital members of a health care team often called upon for information about specific medications. The principal goal of pharmaceutical care is to achieve definite outcomes from medication use, which improves patients' quality of life.

These outcomes include:

- Cure of disease
- Elimination or reduction of symptoms
- Arresting or slowing a disease process
- Prevention of disease
- Diagnosis of disease
- Desired alterations in physiological processes, all with minimal risk to patient

## PREREQUISITES:

*These courses are provided as GENERAL pre-requisites and may not represent a complete list of requirements. It is the student's responsibility to check with each professional school in order to determine specific pre-requisites courses and equivalencies for each institution.*

Requirement	Recommended CSU Course(s)
General Biology, 2 semesters w/ labs	LIFE 102 and one other lab-based biology course
General Chemistry, 2 semesters w/ labs	CHEM 111/112 and CHEM 113/114
Organic Chemistry, 2 semesters w/ labs	CHEM 341 and CHEM 343/344
General Physics, 2 semesters w/ labs	PH121 and PH 122 or PH 141 and PH 142
Microbiology, 1 semester w/ lab	MIP 300/302
Human Anatomy and Physiology, 8 credits w/ lab	BMS 300/302 or BMS 360/302; and BMS 301
English Composition, 2 semesters	CO 150, CO 300/301
Public Speaking, 1 semester	SPCM 200
Mathematics/Statistics, 1 semester Calculus and/or Statistics	MATH 155 or MATH 160 ERHS 307, STAT 301, or STAT 307
Social Sciences, 1 semester	Course prefixes from ANTH, ECON, HDFS, JTC, POL, PSY, or SOC
Economics, 1 semester	ECON 202 or 204
General Education, 4 semesters	Courses from the prefixes ANTH, ECON, HDFS, JTC, POL, PSY, SOC and AR, D, E, MU, PHIL, SPCM, TH or Languages (Additional science courses: BC 351, BMS 450, BIO 310, BMS 450, OT 215)



## PROGRAMS

Accredited Programs:

- [www.aacp.org/RESOURCES/STUDENT/Pages/SchoolLocator.aspx](http://www.aacp.org/RESOURCES/STUDENT/Pages/SchoolLocator.aspx)

Colorado Programs:

- University of Colorado at Denver Pharmacy  
Program: <http://www.ucdenver.edu/academics/colleges/pharmacy/Pages/SchoolofPharmacy.aspx>
- Regis University School of Pharmacy: <http://www.regis.edu/RHCHP/Schools/School-of-Pharmacy.aspx>

## ADMISSIONS TESTS

Pharmacy College Admissions Test (PCAT): [www.pcatweb.info](http://www.pcatweb.info)

## APPLICATION SERVICES

Pharmacy College Application Service: [www.pharmcas.org/](http://www.pharmcas.org/)

## ASSOCIATIONS

American Association of Colleges of Pharmacy: [www.aacp.org](http://www.aacp.org)

American Pharmacists' Association: <http://www.pharmacist.com/>