



## HEALTH PROFESSIONS ADVISING

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# Optometry

*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:

Optometrists are independent, primary health care providers who examine, diagnose and treat disease and disorders of the eye and visual system. This includes:

- measurement and prescription for glasses and contacts
- diagnosis and treatment of eye coordination and focusing issues
- treatment of eye diseases such as glaucoma
- detection of systemic diseases such as diabetes and high blood pressure
- non-invasive surgical procedures

Areas of sub-specialty include low vision rehabilitation, pediatric eye care, and geriatric eye care, vision therapy, sports vision, and ocular disease.

## 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	LIFE 102 and LIFE 103
General Chemistry, 2 semesters	CHEM 111/112 and CHEM 113/114
Organic Chemistry, 2 semesters	CHEM 341 and CHEM 343/344
Biochemistry, 1 semester	BC351
Human Anatomy, 1 semester w/ lab	BMS 301
Physiology, 1 semester w/ lab	BMS 300/302 or BMS 360/302
Microbiology, 1 semester w/ lab	MIP 300/302
General Physics, 2 semesters w/ lab	PH 121 and PH 122 or PH 141 and PH 142
English/Writing, 2 semesters	CO 150, CO 300/301 or JTC 300/302
Calculus, 1 semester	MATH 155 or MATH 160
Psychology, 1 semester	PSY 100
Statistics, 1 semester	STAT201, 301, or 307



## PROGRAMS

Accredited Programs:

<http://www.opted.org/about-asco/member-schools-and-colleges>

## ADMISSIONS TESTS

Optometry Admissions Test (OAT): <http://www.opted.org/about-optometric-education/professional-o-d-programs/frequently-asked-questions-about-the-optometry-admission-test-oat/>

## APPLICATION SERVICES

Optometry Centralized Application Service: [optomcas.org/](http://optomcas.org/)

## ASSOCIATIONS

American Optometric Association: [www.aoa.org](http://www.aoa.org)

Association of Schools and Colleges of Optometry: [www.opted.org/](http://www.opted.org/)