



HEALTH PROFESSIONS ADVISING

Colorado State University
Fort Collins, CO 80523-1032
970-491-7095 | Advising_HP@mail.colostate.edu
<http://HP.casa.colostate.edu>

Dentistry

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:

Dentistry is the branch of the healing arts and sciences devoted to maintaining the health of the teeth, gums and other hard and soft tissues of the oral cavity. A dentist is a scientist dedicated to the highest standards of health through the prevention, diagnosis and treatment of oral diseases and conditions. The vast majority of dentists are in general practice (85%).

The [American Dental Association](#) currently recognizes nine dental specialties:

- Dental Public Health
- Endodontics
- Oral and Maxillofacial Pathology
- Oral and Maxillofacial Radiology
- Oral and Maxillofacial Surgery
- Orthodontics and Dentofacial Orthopedics
- Pediatric Dentistry
- Periodontics
- Prosthodontics

There are additional careers in the dental profession such as dental hygienist, dental lab technician, and many more. While the information contained on our page refers specifically to students who plan on applying to dental school to become a dentist, we are happy to meet with you to discuss alternate dental careers. As a starting point, the ADA has information on other [careers in dentistry](#).

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/ lab	LIFE102 and LIFE 103
General Chemistry, 2 semesters w/ lab	CHEM111/112 and CHEM113/114
Organic Chemistry, 2 semesters w/ lab	CHEM 341 AND CHEM 343/4
General Physics, 2 semesters w/ lab	PH 121 and PH 122 or PH 141 and PH 142
Microbiology, 1 semester	MIP 300 (required at CU-Denver)
Biochemistry, 1 semester	BC 351 (required at CU-Denver)
English Composition, 1 semester	CO 150
Calculus, 1 semester	MATH 155 or MATH 160
Other recommended courses	BMS 300/302, BMS 301, MIP302, Advanced Composition, PSYC100, Statistics, BMS450, BMS460, SPCM200



PROGRAMS

Accredited Programs:

- <http://www.ada.org/en/home-ada/coda/find-a-program/search-dental-programs/dds-dmd-programs>

Colorado Programs:

- University of Colorado Denver School of Dental Medicine: <http://www.ucdenver.edu/academics/colleges/dentalmedicine/ProgramsAdmissions/DoctorDentalSurgery/Pages/DoctorDentalSurgery.aspx>

ADMISSIONS TESTS

Dental Admissions Test (DAT): <http://www.ada.org/en/home-ada/education-careers/dental-admission-test>

APPLICATION SERVICES

Associated American Dental Schools Application Service (AADSAS): <portal.aadsasweb.org/>

ASSOCIATIONS

American Dental Association: www.ada.org/