

# DENTAL HYGIENE

## Bachelor of Applied Science Degree

Health Sciences Pathway- at Lowry  
 CCD.edu/Dental-BAS

### Dental Hygiene

Offered completely online, the Bachelor of Applied Science (B.A.S.) degree in dental hygiene is a degree-completion program. The program is designed to allow registered dental hygienists (RDH) an avenue to advance their dental hygiene education and increase their employment options. The RDH to B.A.S program will expand career options for individuals currently holding a certificate or associate degree in dental hygiene. The program offers flexibility in scheduling and the ability to continue working while advancing your education and ultimately your career opportunities.

Admission to the B.A.S. program requires an Associate of Arts (A.A.), Associate of Applied Science (A.A.S.), Associate of Science (A.S.) or certificate in dental hygiene from a Commission on Dental Accreditation (CODA) accredited dental hygiene program from which Community College of Denver (CCD) will accept transfer credits.\*\* Candidates for the B.A.S. degree program will decide where they would like to place the emphasis of their coursework. Candidates can choose either public health or clinical teaching/education. Regardless of the path chosen, the coursework and internship experiences will facilitate the development of skills in administration, planning, leadership and research.

\*\*CCD will accept transfer credit from post-secondary institutions accredited by one of the six regional accrediting associations. Credits earned at nationally accredited or unaccredited institutions may be transferable to CCD on a case-by-case basis.

Dental hygienists who have earned a B.A.S. in dental hygiene may be employed in a variety of settings beyond the traditional private practice dental setting. Career opportunities are expanded and can include community dental health clinics, public schools, clinical and basic science research laboratories, state and federal health facilities, office management, dental hygiene education, sales and marketing representatives, and entrepreneurial ventures.

Bachelor degree trained dental hygienists can develop program plans for public health institutions and organizations, participate in research, educate entry-level dental hygiene students and community groups, be employed within dental sales, medical sales, marketing organizations and consulting firms. Dental hygienists with an entrepreneurial spirit can develop their own unique niche to support dentistry and dental hygiene through continuing education, practice management and publications.

Applications for the B.A.S. in dental hygiene program are available beginning February 1<sup>st</sup>. A maximum of 25 individuals who meet the following criteria will be accepted into the B.A.S. program. Applications will close once 25 students have been accepted into the program.

- Satisfactory completion of all CCD general admissions criteria and admittance to CCD.
- Completion of a Commission on Dental Accreditation (CODA) accredited A.A., A.A.S., or certificate in dental hygiene, including 90 credit hours that can be accepted into Community College of Denver for transfer credit.
- A cumulative GPA of 2.5 or higher in all transferring dental hygiene degree coursework and dental hygiene prerequisite courses.
- Dental hygiene licensure: You must have an active license to practice dental hygiene in at least one state within the United States.
- Two letters of recommendation.
- Proof of Colorado residency or residency within a state under the National Council for State Authorization Reciprocity Agreements (SARA).
- Completion of a writing sample. Specific directions and criteria for the writing sample will be provided with the application materials.

### BAS Degree Dental Hygiene Prerequisites

Before applying, you must meet the prerequisites for this program.

- Graduation from a CODA Accredited Dental Hygiene Program.\*
  - Unofficial transcripts from your A.A., A.S., A.A.S., or certificate dental hygiene program, including prerequisite dental hygiene coursework, must be submitted with your application for evaluation and review.
- Satisfactory completion of all CCD general admissions criteria.
- Current dental hygiene licensure to practice within the United States.
- A cumulative GPA of 2.5 or higher in all transferring dental hygiene degree coursework and dental hygiene prerequisite courses.
- Basic computer skills are necessary, including proficiency in Microsoft Excel, PowerPoint and Word, communication via email, and use of the Internet.
- Ready access to a computer with a stable Internet connection, Windows or Mac operating system, and webcam is mandatory as all coursework will be completed online
- Attend an orientation session on campus approximately one month prior to the start of the fall semester.

### COURSE MAP

Course	Title	Credits
<b>First Semester</b>		
Summer		
MAT 1260	Intro to Statistics: GT-MA1	3
<b>Subtotal</b>		<b>3</b>
<b>Second Semester</b>		
Fall		
DEH 3001	Advanced Careers in Dental Hygiene	3
DEH 3002	Research Methodologies	3
DEH 3055	Social Issues in Oral Health	3
DEH 3026	Oral Health Promotion	3
<b>Subtotal</b>		<b>12</b>
<b>Third Semester</b>		
Spring		
DEH 4012	Teaching Strategies and Methods for the Dental Hygiene Educator	3
DEH 4089	Capstone: Dental Hygiene	5
DEH 3047	Dental Hygiene Business Administration	3
DEH 3087	Leadership & Administration	3
DEH 4002	Diversity and Cultural Competence Research: Relationship to the Delivery of Oral Health	3
<b>Subtotal</b>		<b>17</b>
<b>Total Credits</b>		<b>32</b>

### TOTAL CREDIT HOURS COMPLETED FOR THE DEGREE: 120 CREDITS AS PER STATE REGULATION.

One Year Program\*

\*The program can be extended to two years using the following recommended program plan.

Summer: Required: MAT 1260

Year One: Required: DEH 3001, DEH 3055, DEH 4012

Year Two: Required: DEH 3002, DEH 3026, DEH 4081 and DEH 4082

NOTE: to earn a degree, all students must:

- take a minimum of 24 credits at the 3000/4000 level from BAS Dental Hygiene courses including required and elective courses.
- complete a minimum of 30 credits in residence at the Community College of Denver.
- complete a combined total of 120 credits including AA, AS or AAS dental hygiene prerequisites; AA, AS or AAS dental hygiene course work; and BAS dental hygiene course work.

"Additional elective credit hours will be needed for transfer students when dental hygiene transfer credits are 60 credits or less and/or dental hygiene prerequisites (General Education and Science) are less than 28 credits. To satisfy these hours, these additional credits can be taken from general electives at the 1000/2000 level and/or from Program Electives\*\* listed above. General elective credit hours from the following prefixes: ANT,

COM, HPR, HWE, and SPA may not be substituted for 3000/4000 level coursework.

## Associate of Applied Science Degree

Health Sciences Pathway- at Lowry  
CCD.edu/Dental

### Dental Hygiene

The Associate of Applied Science (A.A.S.) in dental hygiene prepares you to practice as a professional dental hygienist following successful completion of 28 credit hours of prerequisites and 63-credit hours of professional study. After successful completion of the program, you will be eligible to take the National Board Dental Hygiene Exam (NBDHE) and regional/state clinical board exams. These exams are necessary to become a licensed, registered dental hygienist. Successful completion of the prerequisite courses and the full dental hygiene curriculum results in an A.A.S. in dental hygiene. This program is accredited by the Commission on Dental Accreditation (CODA).

Dental hygienists are licensed preventive oral health professionals who provide educational, clinical, and therapeutic services in dentistry. Dental hygienists perform procedures such as oral prophylaxis, application of preventive agents, exposure of dental radiographs, patient education and nutritional counseling. Career opportunities for hygienists are available in a variety of settings including private dental practices, community dental health clinics, public schools, clinical and basic science research laboratories, state and federal health facilities, and management positions.

Dental hygiene is a selective admissions program. Applications are available August 15 and must be submitted online no later than December 1 of each year to be considered for admission into the class beginning fall of the next academic year. Admission into the program is based upon a 100-point system, details of which can be found at CCD.edu/Dental.

To find out more information about the dental hygiene program requirements, prerequisites, and application process, visit CCD.edu/Dental.

### COURSE MAP

#### Prerequisites

Code	Title	Credits
BIO 2101	Human Anatomy & Physiology with Lab I: GT-SC1	4
BIO 2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO 2104	Microbiology with Lab: GT-SC1 <sup>4</sup>	4
CHE 1009	General, Organic, and Biochemistry <sup>7</sup>	4
ENG 1021	English Composition I: GT-CO1 <sup>2</sup>	3
COM 1150	Public Speaking <sup>6</sup>	3
PSY 1001	General Psychology I: GT-SS3 <sup>3</sup>	3
SOC 1001	Introduction to Sociology I: GT-SS3 <sup>5</sup>	3

#### Requirements

Course	Title	Credits
<b>First Semester</b>		
Summer		
DEH 1005	Introduction to Dental Hygiene <sup>1</sup>	1
<b>Subtotal</b>		<b>1</b>
<b>Second Semester</b>		
Fall		
DEH 1001	Preclinical Dental Hygiene Lecture	2
DEH 1002	Preclinical Dental Hygiene Lab	3
DEH 1003	Dental Anatomy and Histology	3
DEH 1004	Dental Radiology	3
DEH 1011	Dental and Medical Emergencies	2
DEH 1023	Head & Neck Anatomy	1
<b>Subtotal</b>		<b>14</b>
<b>Third Semester</b>		
Spring		
DEH 1022	Periodontics I	2
DEH 1026	Dental Materials	2
DEH 1053	Clinical Theory of Dental Hygiene I	2

DEH 1070	Clinical Practice of Dental Hygiene I	4
DEH 2002	Applied Nutrition in Dentistry	2
DEH 2013	General and Oral Pathology	3
<b>Subtotal</b>		<b>15</b>
<b>Fourth Semester</b>		
Summer		
DEH 1035	Pain and Anxiety Control for the Dental Hygienist	2
DEH 1050	Dental Lasers: Theory and Practice	1
DEH 1071	Clinical Practice of Dental Hygiene I-A	2
<b>Subtotal</b>		<b>5</b>
<b>Fifth Semester</b>		
Fall		
DEH 1032	Applied Pharmacology	2
DEH 2004	Community Dental Health I	2
DEH 2042	Periodontics II	2
DEH 2068	Clinical Theory of Dental Hygiene II	2
DEH 2070	Clinical Practice of Dental Hygiene II	6
DEH 1085	Independent Study <sup>8</sup>	1
<b>Subtotal</b>		<b>15</b>
<b>Sixth Semester</b>		
Spring/Summer/Fall		
DEH 2021	Ethics and Practice Management	2
DEH 2025	Community Dental Health II	1
DEH 2071	Clinical Practice of Dental Hygiene III	6
DEH 2082	Periodontics III	1
DEH 2085	Clinical Theory of Dental Hygiene III	2
<b>Subtotal</b>		<b>12</b>
<b>Total Credits</b>		<b>62</b>

<sup>1</sup> The DEH 1005 course is taken after acceptance into the program the summer prior to the first semester.

<sup>2</sup> ENG 1022 can be substituted.

<sup>3</sup> PSY 1002, PSY 2221, PSY 2440, or PSY 2333 can be substituted if already completed prior to admission.

<sup>4</sup> BIO 2108 can be substituted if already taken prior to admission (not offered at CCD).

<sup>5</sup> SOC 1002, SOC 2018, or ANT 1001 can be substituted if already taken prior to admission.

<sup>6</sup> COM 1250 or COM 1260 can be substituted if already taken prior to admission.

<sup>7</sup> CHE 1009 can be substituted with CHE 1011 and CHE 1012 (both are required to substitute).

<sup>8</sup> DEH 1085 Independent Study can be taken in fall semester OR spring semester (and must be taken in one of those semesters).