



### **Twin Cities Campus**

## **Dental Hygiene B.S.D.H.**

*Dent Dean, Office of the*

### **School of Dentistry**

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2020
- Required credits to graduate with this degree: 120
- Required credits within the major: 99 to 111
- This program requires summer terms.
- Students will have some clinical experiences in community clinics affiliated with the University of MN, School of Dentistry.
- Degree: Bachelor of Science in Dental Hygiene

Within the University's liberal arts curriculum, the baccalaureate program provides advanced knowledge and practice in both general university courses and dental hygiene theory and research methodology. It prepares the dental hygienist to assume roles in many different healthcare environments, such as general and specialty practices, public schools, community health clinics, insurance companies, dental hygiene educational programs, extended care facilities, and in the health products industry.

## **Program Delivery**

This program is available:

- via classroom (the majority of instruction is face-to-face)

## **Admission Requirements**

Students must complete 30 credits before admission to the program.

Freshmen students are usually admitted to pre-major status before admission to this major

All prerequisite courses must be taken A-F. Biology and chemistry must be taken within five years of entry into the program and one or the other must be completed prior to application, so grades are on the transcript submitted at the time of application. In addition, applicants are strongly encouraged to have completed composition and psychology and/or sociology prior to application so grades are on the transcript submitted at the time of application.

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

### **Required prerequisites**

#### **Dental Hygiene Admissions Requirements: Fall (16 cr.)**

##### **Biology**

[BIOL 1009](#) - General Biology [BIOL] (4.0 cr)  
or [BIOL 1009H](#) - Honors: General Biology [BIOL] (4.0 cr)

##### **Chemistry**

[CHEM 1015](#) - Introductory Chemistry: Lecture [PHYS] (3.0 cr)  
[CHEM 1017](#) - Introductory Chemistry: Laboratory [PHYS] (1.0 cr)  
or [CHEM 1061](#) - Chemical Principles I [PHYS] (3.0 cr)  
[CHEM 1065](#) - Chemical Principles I Laboratory [PHYS] (1.0 cr)  
or [CHEM 1071H](#) - Honors Chemistry I [PHYS] (3.0 cr)  
[CHEM 1075H](#) - Honors Chemistry I Laboratory [PHYS] (1.0 cr)

##### **Psychology**

[PSY 1001](#) - Introduction to Psychology [SOCS] (4.0 cr)  
or [PSY 1001H](#) - Honors Introduction to Psychology [SOCS] (4.0 cr)

##### **Composition**

[WRIT 1301](#) - University Writing (4.0 cr)

#### **Dental Hygiene Admissions Requirements: Spring (11 cr.)**

##### **Physiology**

[PHSL 3051](#) - Human Physiology (4.0 cr)

##### **Human Anatomy**

[ANAT 3001](#) - Human Anatomy (3.0 cr)  
or [ANAT 3601](#) - Principles of Human Anatomy (3.0 cr)  
or [ANAT 3611](#) - Principles of Human Anatomy (3.0 cr)

##### **Sociology**

[SOC 1001](#) - Introduction to Sociology [SOCS, DSJ] (4.0 cr)



### Dental Hygiene Admissions Requirements: Summer (3-4cr.)

#### Statistics

- [STAT 1001](#) - Introduction to the Ideas of Statistics [MATH] (4.0 cr)
- or [STAT 3011](#) - Introduction to Statistical Analysis [MATH] (4.0 cr)
- or [STAT 3021](#) - Introduction to Probability and Statistics (3.0 cr)

## General Requirements

All students are required to complete general University and college requirements including writing and liberal education courses. For more information about University-wide requirements, see the [liberal education requirements](#). Required courses for the major or minor in which a student receives a D grade (with or without plus or minus) do not count toward the major or minor (including transfer courses).

## Program Requirements

The BS in dental hygiene requires that students take six consecutive terms of courses, including summer terms.

Students must complete a minimum of 30 upper division major credits at the University of Minnesota Twin Cities.

### Term 1: Fall

- [DH 2121](#) - Process of Care in Allied Dental Health: Clinical Application I (5.0 cr)
- [DH 2132](#) - Head and Neck Anatomy (2.0 cr)
- [BIOC 2011](#) - Biochemistry for the Agricultural and Health Sciences (3.0 cr)

### Term 2: Spring

- [DH 2212](#) - Communication for Oral Health Providers (2.0 cr)
- [DH 2221W](#) - Periodontology [WI] (3.0 cr)
- [DH 2222](#) - Process of Care in Allied Dental Health: Clinical Application II (4.0 cr)
- [DH 3125](#) - General and Oral Pathology (2.0 cr)
- [DH 3151](#) - Oral and Maxillofacial Radiology (2.0 cr)
- [DH 2225](#) - Microbiology, Immunology, and Oral Health (3.0 cr)

### Term 3: Summer

- [DH 3121](#) - Local Anesthesia and Pain Management (2.0 cr)
- [DH 3123](#) - Process of Care in Allied Dental Health: Clinical Application III (4.0 cr)
- [DH 3133](#) - Pharmacology (2.0 cr)

### Term 4: Fall

- [DH 2231](#) - Cariology and Applied Nutrition in Allied Dental Health (3.0 cr)
- [DH 3224W](#) - Process of Care in Allied Dental Health: Clinical Application IV [WI] (6.0 cr)
- [DH 3228](#) - Ethics and Jurisprudence in Allied Dental Health (1.0 cr)
- [DH 3234](#) - Oral and Maxillofacial Radiology: Theory, Principles, and Radiographic Analysis (1.0 cr)
- [DH 3238](#) - Dental Public Health and Academic Service Learning I (3.0 cr)

### Term 5: Spring

- [DH 4105](#) - Dental Professional Development (1.0 cr)
- [DH 4125W](#) - Process of Care in Allied Dental Health: Clinical Application V [DSJ, WI] (6.0 cr)
- [DH 4135W](#) - Research Methods in Allied Dental Health [WI] (3.0 cr)
- [DH 4136](#) - Periodontology III Lecture (1.0 cr)
- [DH 4139](#) - Dental Public Health and Academic Service Learning II (2.0 cr)

### Term 6: Summer

- [DH 4234](#) - Leadership and Professional Development (2.0 cr)
- [DH 4226](#) - Process of Care in Allied Dental Health: Clinical Application VI (6.0 cr)

### Upper Division Writing Intensive within the major

Students are required to take one upper division writing intensive course within the major. If that requirement has not been satisfied within the core major requirements, students must choose one course from the following list. Some of these courses may also fulfill other major requirements.

Take 0 - 1 course(s) from the following:

- [DH 3224W](#) - Process of Care in Allied Dental Health: Clinical Application IV [WI] (6.0 cr)
- [DH 4125W](#) - Process of Care in Allied Dental Health: Clinical Application V [DSJ, WI] (6.0 cr)
- [DH 4135W](#) - Research Methods in Allied Dental Health [WI] (3.0 cr)



## Program Sub-plans

Students are required to complete one of the following sub-plans.

### Dental Hygiene B.S.

#### Term 1: Fall

DH 2111 - Dental Anatomy, Embryology & Histology (3.0 cr)

#### Term 3: Summer

DH 3134 - Pediatric Dentistry (1.0 cr)

DH 3211 - Biomaterials and Principles of Restorative Techniques I (4.0 cr)

#### Term 6: Summer

DH 4211 *(Inactive)* (3.0 cr)

### Integrated Bachelor of Science Dental Hygiene/Master of Dental Therapy

Integrated degree program students will learn alongside dental and dental hygiene students in a team environment. This collegial approach to education ensures a solid educational and clinical preparation. Additionally, the team-based clinical model in the School of Dentistry strives to improve the efficiency of how oral health services are delivered by maximizing the knowledge and skill-set of each provider. The School of Dentistry team-based care model is guided by the need to improve the patient experience, improve the oral health of populations and lower the costs of care. The program prepares the dually trained individual to assume roles in many different health care environments, such as general and specialty practices, public schools, community health clinics, insurance companies, dental hygiene and dental therapy educational programs, extended care facilities, and in the health products industry.

IDP BSDH/MDT students must complete all requirements indicated as prerequisites, BSDH program requirements, and IDP BSDH/MDT requirements. IDP BSDH/MDT students do not need to complete the courses identified in the Dental Hygiene BS sub-plan.

Students are expected to complete their undergraduate BSDH degree after the completion of Term 6, and then continue on to complete the MDT over the following three terms. All courses indicated in this sub-plan do not apply to the undergraduate degree and will be transferred to the graduate transcript.

#### Term 1: Fall

BSDH students complete the following courses to meet the master's requirements for this term.

DT 5430 - Oral Anatomy (2.0 cr)

DT 5431 - Oral Anatomy Laboratory (3.0 cr)

#### Term 2: Spring

BSDH students complete the following courses to meet the master's requirements for this term.

DT 5135 - Preclinical Pediatric Dentistry (2.0 cr)

DT 5432 - Operative Dentistry I (2.0 cr)

DT 5433 - Operative Dentistry I Pre-Clinic Laboratory (2.0 cr)

DT 5410 - Biomaterials Science (1.0 cr)

#### Term 3: Summer

BSDH students complete the following courses to meet the master's requirements for this term.

DT 5471 - Prosthodontic Topics for Dental Therapy (2.0 cr)

DT 5435 - Operative Dentistry II for the Dental Therapist, Lab (3.0 cr)

DT 5434 - Operative Dentistry II Lecture (2.0 cr)

#### Term 4: Fall

BSDH students complete the following courses to meet the master's requirements for this term.

DT 4415 - Essentials of Clinical Care I: Introduction (1.0 cr)

#### Term 5: Spring

BSDH students complete the following courses to meet the master's requirements for this term.

DT 5321 - Treatment Planning for the Dental Therapist (1.0 cr)

DT 4465 - Essentials of Clinical Care for the Dental Therapist II (3.0 cr)

#### Term 6: Summer

BSDH students complete the following courses to meet the master's requirements for this term. IDP BSDH/MDT students complete their undergraduate degree at the successful completion of this term.

DT 4965 - Essentials of Clinical Care for the Dental Therapist III (4.0 cr)

#### Term 7: Fall

MDT students will now only take MDT courses towards their MA degree. The following course meets the master's requirements for this term.

DT 5162 - Principles of Exodontia and Minor Oral Surgery (1.0 cr)

DT 5465 - Essentials of Clinical Care for the Dental Therapist IV (10.0 cr)

DT 5360 - Outreach Experiences DT Fall (1.0 cr)

DT 5005 - Dental Therapy Capstone Project I (1.0 cr)

#### Term 8: Spring

MDT students complete the following courses to meet the master's requirements for this term.

DT 5105 - Dental Therapy Capstone Project II (1.0 cr)

DT 5141 - Clinical Pediatric Dentistry III (2.0 cr)



[DT 5320](#) - Comprehensive Care Clinic (4.0 cr)  
[DT 5361](#) - Outreach Experiences DT Spring (2.0 cr)  
[DT 5443](#) - Operative Clinic III (4.0 cr)