

# BACHELOR OF SCIENCE IN DENTAL HYGIENE

(330) 941-3342

The Bachelor of Science in Dental Hygiene (BSDH) degree requires nine semesters of study including three semesters of coursework in the basic sciences and general education, which precede admission into the program. In the spring semester of the second year, students will begin taking the dental hygiene courses. The program is designed to prepare students as clinical dental hygienists and to pursue other possible career options such as education, public health, and research. Prospective students complete educational requirements that provide a broad academic background while attaining comprehensive dental hygiene knowledge and clinical experience.

At the end of the fourth year of the program, students are eligible to take state, regional and national board examinations. Upon successful completion of these comprehensive written and clinical examinations, the student may apply for a license to practice dental hygiene in the state as a registered dental hygienist.

The registered dental hygienist is a licensed professional who provides dental hygiene treatment and related preventive services. Clinical skills of the hygienist include:

- the administration of local anesthesia and nitrous oxide
- recording medical and dental histories
- exposing and interpreting radiographs
- making study models
- performing extra-oral and intra-oral examinations which include cancer screenings; dietary management; preliminary dental charting and periodontal evaluations
- scaling and root planing
- polishing
- patient education
- placing sealants
- administering fluoride therapy

Many states permit the hygienist to perform additional duties such as placing temporary restorative materials.

The dental hygienist also functions as a dental health educator and is responsible for the preventive dental health program in private dental practices as well as in other settings. The hygienist teaches patients proper oral health care in order to reduce oral diseases and disorders.

The hygienist's role in service to the community may include increasing public awareness of dental health, serving as a resource person to school systems, providing screenings to children or various groups, and making visits to nursing homes, hospitals and/or schools for the mentally or physically handicapped.

## Accreditation

The dental hygiene program is accredited by the American Dental Association Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the United States Department of Education.

The Commission on Dental Accreditation  
211 East Chicago Avenue  
Chicago, IL 60611  
(312) 440-2500  
<http://www.ada.org/en/home-ada/coda>

## Admission to the Program

Admission to the University provides students with the opportunity to complete a core of pre-dental hygiene courses. All students must complete and/or be registered for all of the pre-dental hygiene courses (the first year fall semester, the first year spring semester, and the second year fall semester) after which they may apply and compete for a position in the Bachelor of Science in Dental Hygiene program. *Please note that due to limited clinical capacity and available resources, admission to the university and completion of the pre-dental hygiene courses does not guarantee admission to the program.* The courses in **BOLD** on the Admission Policy document will be used in the calculation of the student's pre-dental hygiene GPA which will be used in ranking students.

Admitted students who voluntarily withdraw from the Dental Hygiene Program will be allowed to reapply only one additional time. This is enforced in fairness to other applicants.

A criminal background check which includes fingerprinting for the Ohio Bureau of Criminal Identification and Investigation (BCI & I) and the Federal Bureau of Investigation (FBI) is required for licensure in Ohio. If a student has been convicted of a felony or misdemeanor related to substance abuse or a crime involving moral turpitude, licensure may be denied by the Ohio State Dental Board. For further information regarding licensure and the results of fingerprinting call the Ohio State Dental Board at (614) 466-2580.

Students can access u.select at Transferology (<https://www.transferology.com>), a free web-based source where they can find accurate information regarding courses that transfer and apply to a degree program.

Prospective students must complete a minimum of 12 hours of observation of a registered dental hygienist in two separate dental offices or clinics. Observation forms are available on the Dental Hygiene website. Each prospective student must print the form, fill it out and return it by September 15 of the year of application. Mail with appropriate signatures to:

Youngstown State University  
Dental Hygiene Program  
One University Plaza  
Youngstown, OH 44555.

## New, Current, Former, and Transfer Students

Students must apply and compete for conditional acceptance into the dental hygiene program by September 15 for spring semester admittance. Rankings for admission will include a minimum GPA of 2.70, in the bolded courses (see Admissions Policy) and a cumulative grade point average of 2.5 or greater. ALL pre-dental hygiene courses must be completed with a "C" or better at the end of the fall semester of the second year (as outlined below).

For more information, visit the **Department of Dental Hygiene** (<http://www.yсу.edu/academics/bitonte-college-health-and-human-services/dental-hygiene-major>).

## Pre-Dental Hygiene Courses

### Year 1

Fall		S.H.
ENGL 1550	Writing 1	3
HAHS 1500	Introduction to the Bitonte College of Health and Human Services	2
BIOL 1545 & 1545L	Allied Health Anatomy and Physiology and Allied Health Anatomy and Physiology Laboratory	5

CHEM 1505 & 1505L	Allied Health Chemistry 1 and Allied Health Chemistry 1 Laboratory	3
Semester Hours		13
<b>Spring</b>		
ENGL 1551	Writing 2	3
CMST 1545	Communication Foundations	3
CHEM 1506 & 1506L	Allied Health Chemistry 2 and Allied Health Chemistry 2 Laboratory	3
PSYC 1560	General Psychology	3
MATH 2623 or STAT 2625	Quantitative Reasoning or Stat Lit and Crit Reasoning	3
Semester Hours		15
<b>Year 2</b>		
<b>Fall</b>		
BIOL 1560	Microbiology for the Health Professions	2
MLT 2687L or BIOL 1560L	Microbiology for Health Care Laboratory or Microbiology Laboratory for Health Professions	1
PHIL 2625	Introduction to Professional Ethics	3
SOC 1500	Introduction to Sociology	3
Arts and Humanities		3
Social and Personal Awareness Elective		3
Semester Hours		15
Total Semester Hours		43

## Current Students

Current students must apply by September 15 for spring semester admittance. Application packets are in the Dean's office, Bitonte College of Health and Human Services, Cushwa Hall, Room 2104. All necessary reports and transcripts must be received by September 15. No applications will be considered after this deadline.

## New, Transfer, and Former YSU Students

New, transfer, and former YSU students must first apply and be admitted to the University by completing the undergraduate admissions form and indicating dental hygiene as the intended major.

Submit transcripts from each of the post secondary institutions and high school(s) attended. Transcripts of any academic work being completed during the academic year of the requested admission date must be submitted to YSU Admissions Office by September 15. No applications will be considered after this deadline.

## Observation Requirement

All prospective students must complete a minimum of 12 hours of observation of a registered dental hygienist in at least two separate dental offices or dental clinics. Students must dress appropriately. Do not wear shorts, jeans, tennis shoes, flip-flops or other unprofessional clothing. Hair must be pulled away from the face, and make-up and perfume should be moderately applied. Observation forms are available on the dental hygiene (<http://www.ysu.edu/academics/bitonte-college-health-and-human-services/dental-hygiene-major>) website. Each prospective student must print the form and fill it out. The forms with the appropriate signatures must be mailed to:

Youngstown State University  
Dental Hygiene Program  
One University Plaza  
Youngstown, OH 44555

**Factors affecting admission will include:**

1. Pre-Dental Hygiene G.P.A.
2. Cumulative G.P.A.
3. All Pre-Dental Hygiene courses completed with a "C" or better by the end of the fall semester.
4. Number of repetitions of **BOLD** pre-dental hygiene courses (as indicated in Section A).
5. As the number of repetitions increases, the likelihood of being admitted decreases. Applicants will have within the last five years, no more than two repeated classes in all the pre-dental hygiene courses. A repeated course must be completed with a grade of "C" or better and all incompletes must be removed before beginning the dental hygiene curriculum.
6. Satisfactory completion of the dental hygiene observation forms.

Upon receiving admission to the Dental Hygiene Program, and as a condition of admission, students must show satisfactory evidence of the following:

1. Current CPR/BLS certification
2. Completed physical and dental exam
3. Proof of required immunization requirements

COURSE	TITLE	S.H.
<b>General Education Requirements</b>		
Core Competencies		
ENGL 1550	Writing 1	3
ENGL 1551	Writing 2	3
CMST 1545	Communication Foundations	3
Mathematics Requirement		
MATH 2623 or STAT 2625	Quantitative Reasoning or Stat Lit and Crit Reasoning	3-4
Arts and Humanities		
PHIL 2625	Introduction to Professional Ethics	6
Arts and Humanities Elective		
Natural Sciences		
CHEM 1505 & 1505L	Allied Health Chemistry 1 and Allied Health Chemistry 1 Laboratory	
CHEM 1506 & 1506L	Allied Health Chemistry 2 and Allied Health Chemistry 2 Laboratory	
BIOL 1545 & 1545L	Allied Health Anatomy and Physiology and Allied Health Anatomy and Physiology Laboratory	
Required Support Courses		
BIOL 1560	Microbiology for the Health Professions	3
BIOL 1560L or MLT 2687L	Microbiology Laboratory for Health Professions or Microbiology for Health Care Laboratory	
Social Science		
PSYC 1560	General Psychology	6
SOC 1500	Introduction to Sociology	
Social and Personal Awareness		
Social and Personal Awareness		
Social and Personal Awareness		
First Year Experience		
HAHS 1500	Introduction to the Bitonte College of Health and Human Services	2
<b>Major Requirements</b>		
DHYG 2601	Dental Hygiene 1	3
DHYG 2601L	Clinical Dental Hygiene 1	2
DHYG 2620	Head and Neck Anatomy	2
DHYG 2620L	Head and Neck Anatomy Lab	1
DHYG 2630	Management of Medical/Dental Emergencies	2
DHYG 2602	Dental Hygiene 2	2
DHYG 2602L	Clinical Dental Hygiene 2	2

DHYG 2640	Oral Histology	2
DHYG 3703	Dental Hygiene 3	3
DHYG 3703L	Clinical Dental Hygiene 3	3
DHYG 3750	Oral Pathology	2
DHYG 3760	Dental Radiology	3
DHYG 3760L	Dental Radiology Lab	1
DHYG 3770	Periodontology	3
AHLT 4805	Health Education for Allied Health	3
DHYG 3704	Dental Hygiene 4	3
DHYG 3704L	Clinical Dental Hygiene 4	3
DHYG 3780	Pharmacology	2
DHYG 3790	Local Anesthesia and Pain Control for Dental Hygienists	2
DHYG 3790L	Local Anesthesia and Pain Control Clinic	1
AHLT 4806	Research Methods	3
DHYG 4805	Dental Hygiene 5	3
DHYG 4805L	Clinical Dental Hygiene 5	4
DHYG 4830	Dental Materials	1
DHYG 4830L	Dental Materials Lab	1
DHYG 4840	Directed Dental Hygiene Research	3
DHYG 4845	Expanded Functions for the Dental Hygienist	3
DHYG 4845L	Expanded Functions for the Dental Hygienist Lab	1
DHYG 4806	Dental Hygiene 6	2
DHYG 4806L	Clinical Dental Hygiene 6	4
DHYG 4850	Dental Public Health	3
DHYG 4850L	Community Clinicals	1
DHYG 4860	Ethics and Practice Concepts	2
DHYG 4855L	Expanded Functions Clinical	2
Total Semester Hours		124-125

**Year 1**

<b>Fall</b>		<b>S.H.</b>
ENGL 1550	Writing 1	3
HAHS 1500	Introduction to the Bitonte College of Health and Human Services	2
BIOL 1545 & 1545L	Allied Health Anatomy and Physiology and Allied Health Anatomy and Physiology Laboratory	5
CHEM 1505 & 1505L	Allied Health Chemistry 1 and Allied Health Chemistry 1 Laboratory	3
Semester Hours		13

**Spring**

ENGL 1551	Writing 2	3
CMST 1545	Communication Foundations	3
CHEM 1506 & 1506L	Allied Health Chemistry 2 and Allied Health Chemistry 2 Laboratory	3
PSYC 1560	General Psychology	3
MATH 2623 or STAT 2625	Quantitative Reasoning or Stat Lit and Crit Reasoning	3-4
Semester Hours		15-16

**Year 2**

<b>Fall</b>		
BIOL 1560	Microbiology for the Health Professions	2
BIOL 1560L or MLT 2687L	Microbiology Laboratory for Health Professions or Microbiology for Health Care Laboratory	1
PHIL 2625	Introduction to Professional Ethics	3
SOC 1500	Introduction to Sociology	3

Arts and Humanities	3	
Social and Personal Awareness Elective	3	
Semester Hours		15

**Spring**

DHYG 2601	Dental Hygiene 1	3
DHYG 2601L	Clinical Dental Hygiene 1	2
DHYG 2620	Head and Neck Anatomy	2
DHYG 2620L	Head and Neck Anatomy Lab	1
DHYG 2630	Management of Medical/Dental Emergencies	2
Social and Personal Awareness Elective	3	
Semester Hours		13

**Summer**

DHYG 2602	Dental Hygiene 2	2
DHYG 2602L	Clinical Dental Hygiene 2	2
DHYG 2640	Oral Histology	2

Semester Hours		6
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**Year 3**

**Fall**

DHYG 3703	Dental Hygiene 3	3
DHYG 3703L	Clinical Dental Hygiene 3	3
DHYG 3750	Oral Pathology	2
DHYG 3760	Dental Radiology	3
DHYG 3760L	Dental Radiology Lab	1
DHYG 3770	Periodontology	3
AHLT 4805	Health Education for Allied Health	3
Semester Hours		18

**Spring**

DHYG 3704	Dental Hygiene 4	3
DHYG 3704L	Clinical Dental Hygiene 4	3
DHYG 3780	Pharmacology	2
DHYG 3790	Local Anesthesia and Pain Control for Dental Hygienists	2
DHYG 3790L	Local Anesthesia and Pain Control Clinic	1
AHLT 4806	Research Methods	3
Semester Hours		14

**Year 4**

**Fall**

DHYG 4805	Dental Hygiene 5	3
DHYG 4805L	Clinical Dental Hygiene 5	4
DHYG 4830	Dental Materials	1
DHYG 4830L	Dental Materials Lab	1
DHYG 4840	Directed Dental Hygiene Research	3
DHYG 4845	Expanded Functions for the Dental Hygienist	3
DHYG 4845L	Expanded Functions for the Dental Hygienist Lab	1
Semester Hours		16

**Spring**

DHYG 4806	Dental Hygiene 6	2
DHYG 4806L	Clinical Dental Hygiene 6	4
DHYG 4850	Dental Public Health	3
DHYG 4850L	Community Clinicals	1
DHYG 4860	Ethics and Practice Concepts	2
DHYG 4855L	Expanded Functions Clinical	2
Semester Hours		14

Total Semester Hours		124-125
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## **Learning Outcomes**

The student learning outcomes for the dental hygiene program are as follows:

- The graduates will recognize and apply legal, ethical and regulatory concepts in the practice of dental hygiene.
- The graduates will demonstrate competency in performing the clinical skills to achieve and maintain the oral health of their patients.
- The students will develop and conduct research that includes data collection, statistical analysis, and dissemination of results.