

# DENTAL HYGIENE, BS

## Program Code: Dental Hygiene-BS

**Note:** This degree/certificate leads to professional licensure in Nevada. Licensing requirements vary by state/territory and relocating could impact whether you will meet eligibility requirements for licensure. If you do not live in Nevada and/or do not intend to seek employment in Nevada, then your application for admittance will be under review to determine eligibility for licensure in your state prior to acceptance into the program. Please visit our Professional Licensure Programs (<https://www.tmcc.edu/vpaa/professional-licensure-programs/>) page for full details on the State Authorization Reciprocity Agreement.

Dental Hygiene Career Map (<https://sites.tmcc.edu/flipbook/career-maps/>)

## Program Description

The Bachelor of Science, Dental Hygiene Program prepares the graduate to practice as a registered dental hygienist. The TMCC dental hygiene program meets the minimum degree requirements for the Bachelor of Science degree.

The program is fully accredited by the Commission on Dental Accreditation (CODA). The two-year (four-semester) program does not include the general education, college and program core requirements for the Bachelor of Science degree.

It is recommended students complete the general education, college and program core requirements prior to starting the two-year (four-semester) Dental Hygiene program.

**IMPORTANT:** Due to the considerable time requirements of the Dental Hygiene Program, and to receive full admission points for the cumulative and science GPA categories on the Program Admission Points Worksheet (<http://www.tmcc.edu/dental-hygiene/steps-to-apply/>), it is strongly recommended all general education, additional college requirements, and program admission requirements be completed.

## Recommended Course Schedule

1st semester		Units
COM 113	Fundamentals of Speech Communications	3
ENG 101	Composition I	3
or ENG 113	or Composition I for International and Multilingual Students	
Fine Arts/Diversity		3
MATH 124	College Algebra (or higher)	3
<b>Semester Total</b>		<b>12</b>
2nd semester		
BIOL 190A & BIOL 190L	Introduction to Cell and Molecular Biology and Introduction to Cell and Molecular Biology Laboratory	4
CHEM 121	General Chemistry I	4
ENG 102	Composition II	3
or ENG 114	or Composition II For International and Multilingual Students	

STAT 152 or PBH 281	Introduction to Statistics or Introduction to Biostatistics in Public Health	3
<b>Semester Total</b>		<b>14</b>
3rd semester		
BIOL 223	Human Anatomy and Physiology I	4
CH 203	American Experiences and Constitutional Change	3
CHEM 220	Introductory Organic Chemistry	4
PSY 101	General Psychology	3
<b>Semester Total</b>		<b>14</b>
4th semester		
BIOL 224	Human Anatomy and Physiology II	4
BIOL 251	General Microbiology	4
NUTR 223	Principles of Nutrition	3
SOC 101	Principles of Sociology	3
<b>Semester Total</b>		<b>14</b>
5th semester		
DH 102	Oral Biology	4
DH 103	Head and Neck Anatomy	2
DH 299	Skills Lab	1
DH 304	Dental Hygiene Theory I	3
DH 305	Pre-Clinical Practice	3
DH 310	Foundations of Dental Hygiene Practice	3
DH 314	Oral Radiology and Interpretation	3
<b>Semester Total</b>		<b>19</b>
6th semester		
DH 209	Pain and Anxiety Control	3
DH 299	Skills Lab	1
DH 311	Pharmacology	2
DH 312	General and Oral Pathology for the Dental Hygienist	3
DH 313	Periodontic Principles I	2
DH 315	Clinical Dental Hygiene I	3
DH 404	Research Methodology	2
<b>Semester Total</b>		<b>16</b>
7th semester		
DH 299	Skills Lab	1
DH 308	Dental Materials	2
DH 403	Periodontic Principles II	2
DH 405	Clinical Dental Hygiene II	4
DH 407	Dental Public Health Concepts	2
DH 410	Foundations of Inter-Professional Collaborative Practice	2
DH 420	Dental Management of Special Patients	2
DH 440	Capstone I	1
<b>Semester Total</b>		<b>16</b>
8th semester		
DH 299	Skills Lab	1
DH 411	Dental Public Health Field Experience	1
DH 409	Ethics, Law, and Business Practices	2
DH 413	Periodontic Principles III	1

DH 415	Clinical Dental Hygiene III	4
DH 416	Inter-Professional Collaborative Practice Field Experience	2
DH 417	Community Dental Health	2
DH 442	Capstone Seminar II	2
<b>Semester Total</b>		<b>15</b>
<b>Total Units</b>		<b>120</b>

## Apply

Students must apply for entrance into the Dental Hygiene program. The application is available on the Dental Hygiene (<http://www.tmcc.edu/dental-hygiene/>) website.

## Dental Hygiene Program

The dental hygienist is dedicated to providing preventative and therapeutic dental hygiene care. Some of the responsibilities routinely performed by hygienists in Nevada include:

- Performing oral cancer screening through examination of soft tissues.
- Examining periodontal (gum and bone) structure around and supporting teeth.
- Taking and interpreting radiographs.
- Removing stain, hard (calculus), and soft (plaque) deposits from tooth surfaces above and below the gum line utilizing scaling and root planning procedures.
- Administering topical fluoride treatments.
- Applying dental sealants.
- Administering local anesthesia and nitrous-oxide sedation.
- Designing and implementing treatment plans for individuals.
- Designing and implementing oral health programs for groups.
- Providing dental health education for individuals and groups.

The dental hygiene program is a two-year (four-semester) program once the student has been accepted which does not include the general education requirements for the Associate of Science degree, science prerequisite courses or other program requirements for dental hygiene.

Dental Hygiene students must meet certain technical standards:

- Possess good hand/eye coordination and manual strength and dexterity to perform instrumentation skills necessary for direct patient care.
- Hold a current CPR card and be able to perform emergency procedures required in the field.
- Be free from conditions which put other humans at risk (i.e., active tuberculosis. Persons with blood borne pathogen infections are not excluded from the program or clinic facility.).
- Possess ability to read, write, record and report.
- Be able to understand and react quickly to verbal instructions and patient needs.
- Be able to effectively communicate with patients to explain procedures, provide instructions and educate.

## Limited Entry

The dental hygiene program is a limited entry program. The application is available on the Dental Hygiene (<http://www.tmcc.edu/dental-hygiene/>) homepage under "Steps to Apply" tab. Application's open in January and close in February. See Steps to Apply webpage for application dates.

A minimum GPA of 2.75 (4.0 scale) and a "C" or higher in general education, college and program requirement courses is required.

Applicants not selected will not be carried forward to the next year, and must reapply for consideration. Additional program information is available in the dental clinic office 775- 673-8293, located in the Red Mountain Building (RDMT) 415-A, Admissions and Records in RDMT 319, and Academic Advisement in RDMT 111.

Applicants not selected will not be carried forward to the next year, and must reapply for consideration. Additional program information is available in the dental clinic office 775- 673-8293, located in the Red Mountain Building (RDMT) 415-A, Admissions and Records in RDMT 319, and Academic Advisement in RDMT 111.

## Student Selection

The final selection of students will be conducted by the dental hygiene program screening committee. Applicants will be ranked using selection criteria including overall general education GPA, pre-requisite science GPA and other criteria established by the screening committee. There are three pre-admission assessment exams required which must be taken within two years of applying. A minimum of eight hours of dental office observation must be completed within 13 months of applying.

Dental hygiene applicants are limited to repeating program pre-requisite science courses (BIOL 223, BIOL 224, BIOL 251, and CHEM 220) once. This means the students will take the course for the first time, and may repeat the same course once. If a student enrolls in a pre-requisite science course and withdraws from course with a "W," this will be counted as one attempt.

## Accepted Students

Students accepted into the program will be required to attend a mandatory new student orientation the beginning of June. Once accepted into the program, students will be required to show proof and adherence to the dental hygiene program infectious disease/immunization policy, prior to starting classes. A medical exam is required and medical insurance is recommended.

## Licensure

Graduates of the TMCC Dental Hygiene Program will be prepared to complete the written National Board Dental Hygiene Examination, Nevada State Board Clinical Exam and other state/regional clinical examinations in the U.S. All states require dental hygienists be licensed. Graduates from the dental hygiene program are eligible to apply for licensure in other states. Each state has specific criteria for licensure eligibility. It is the students responsibility to contact the state to determine eligibility requirements.

The Nevada Dental Practice Act (NRS 631.290) requires candidates for licensure be of good moral character and be citizens of the U.S. or lawfully entitled to remain and work in the U.S. Prospective students are advised that if they have felony or misdemeanor convictions or have a history of substance abuse or infectious disease that this may preclude subsequent licensure as a dental hygienist in Nevada (NAC 631.050).

## Program Requirements

This program has special admission requirements. Please visit the program website for specific admission advising.

To earn a Dental Hygiene Bachelor's Degree students must:

1. Maintain a C or better in each course and a minimum cumulative GPA of 2.75 (see requirements for graduation.)
2. Satisfy General Education requirements for Bachelor's degrees (<https://catalog.tmcc.edu/degrees-certificates/general-education/bs-barch/>).
3. Complete the 120 units of Degree requirements.
  - 30 units of upper-division units must be completed at TMCC.
4. Have no financial or library obligation to the college.

Code	Title	Units
<b>General Education Requirements</b>		

<i>English</i>		3-6
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Required:

ENG 102	Composition II <sup>1</sup>	
or ENG 114	Composition II For International and Multilingual Students	

<i>Mathematics</i>		
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Required:

MATH 124	College Algebra (or higher)	3
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<i>Science</i>		
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Required:

BIOL 190A & BIOL 190L	Introduction to Cell and Molecular Biology and Introduction to Cell and Molecular Biology Laboratory	4
CHEM 121	General Chemistry I	4

<i>Social Science</i>		
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Required:

PSY 101	General Psychology	3
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<i>Humanities</i>		3
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Recommended:

CH 203	American Experiences and Constitutional Change <sup>2</sup>	
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<i>Fine Arts</i>		3
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Recommended:

THTR 210	Theatre: a Cultural Context	
or ART 263	Survey of African, Oceanic, & Native American Art	
or ART 270	Women in Art	
or DAN 101	Dance Appreciation	

<b>Additional College Requirements</b>		
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<i>Diversity</i> <sup>2</sup>		[3]
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<i>U.S. and Nevada Constitutions</i>		[3]
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<i>Capstone</i>		[3]
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DH 440	Capstone I	
DH 442	Capstone Seminar II	

<b>Program Admission Requirements</b>		
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COM 113	Fundamentals of Speech Communications <sup>3</sup>	3
NUTR 223	Principles of Nutrition <sup>3</sup>	3
SOC 101	Principles of Sociology <sup>3</sup>	3
STAT 152	Introduction to Statistics <sup>3</sup>	3
or PBH 281	Introduction to Biostatistics in Public Health	
BIOL 223	Human Anatomy and Physiology I <sup>3</sup>	4
BIOL 224	Human Anatomy and Physiology II <sup>3</sup>	4

BIOL 251	General Microbiology	4
CHEM 220	Introductory Organic Chemistry <sup>3</sup>	4
<b>Degree Requirements</b> <sup>4</sup>		
DH 102	Oral Biology	4
DH 103	Head and Neck Anatomy	2
DH 209	Pain and Anxiety Control	3
DH 299	Skills Lab (4 units are required)	4
DH 304	Dental Hygiene Theory I	3
DH 305	Pre-Clinical Practice	3
DH 308	Dental Materials	2
DH 310	Foundations of Dental Hygiene Practice	3
DH 311	Pharmacology	2
DH 312	General and Oral Pathology for the Dental Hygienist	3
DH 313	Periodontic Principles I	2
DH 314	Oral Radiology and Interpretation	3
DH 315	Clinical Dental Hygiene I	3
DH 403	Periodontic Principles II	2
DH 404	Research Methodology	2
DH 405	Clinical Dental Hygiene II	4
DH 407	Dental Public Health Concepts	2
DH 409	Ethics, Law, and Business Practices	2
DH 410	Foundations of Inter-Professional Collaborative Practice	2
DH 411	Dental Public Health Field Experience	1
DH 413	Periodontic Principles III	1
DH 415	Clinical Dental Hygiene III	4
DH 416	Inter-Professional Collaborative Practice Field Experience	2
DH 417	Community Dental Health	2
DH 420	Dental Management of Special Patients	2
DH 440	Capstone I	1
DH 442	Capstone Seminar II	2

<b>Total Units</b>	<b>120</b>
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<sup>1</sup> If you place into ENG 102 or ENG 114 the additional 3 required units will become elective units.

<sup>2</sup> Course may also count toward additional degree requirements. Please consult with Academic Advisement.

<sup>3</sup> These courses are recommended to be completed prior to applying to the program.

<sup>4</sup> Students will begin these courses upon acceptance into the Dental Hygiene Program. See Program Director for specific GPA requirements for Degree requirement courses.

## Program Outcomes

Students completing this degree will:

PSLO1: Be eligible to take the written National Board Dental Hygiene Examination (NBDHE), apply and take the ethics examination for state licensure, and be eligible to apply and sit for state or regional clinical examination.

PSLO2: Utilize critical thinking skills to investigate and pursue the evolving role of the dental hygienist in career options outside the traditional private practice model such as in education, research, administration, public health, corporate sales, as members of inter-professional healthcare teams, and in advanced practice pursuing additional skills and education needed to advance their careers.

PSLO3: BSDH graduates will be better prepared to practice within an integrated healthcare system to positively impact the public's oral and overall health by functioning as competent oral healthcare providers who can deliver optimal patient care within a variety of practice settings to meet the needs of diverse populations and the evolving healthcare environment.