

# PRE-DENTAL HYGIENE TRACK, PUBLIC HEALTH, AS

## Program Code: Program Description

The Associate of Science in Public Health, Pre-Dental Hygiene Track offers foundational coursework in community health, public health, health education, and related disciplines. This program prepares students to apply for the TMCC Bachelor's Degree in Dental Hygiene or to transfer into a public health or related program at a four-year institution.

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

## Recommended Course Schedule

### 1st semester

BIOL 189A or BIOL 190A	Fundamentals of Life Science or Introduction to Cell and Molecular Biology	3
BIOL 190L	Introduction to Cell and Molecular Biology Laboratory	1
ENG 101 or ENG 100 or ENG 113	Composition I <sup>1</sup> or Composition Enhanced or Composition I for International and Multilingual Students	3
MATH 124	College Algebra (Or higher)	3
PSY 101	General Psychology	3
<b>Semester Total</b>		<b>13</b>

### 2nd semester

BIOL 223	Human Anatomy and Physiology I	4
CHEM 121	General Chemistry I	4
ENG 102 or ENG 114	Composition II or Composition II For International and Multilingual Students	3
PBH 281 or STAT 152 or APST 207	Introduction to Biostatistics in Public Health or Introduction to Statistics or Practical Statistics	3
US & NV Constitutions/Humanities <sup>3</sup>		3
<b>Semester Total</b>		<b>17</b>

### 3rd semester

BIOL 224	Human Anatomy and Physiology II	4
CHEM 220	Introductory Organic Chemistry	4
SOC 101	Principles of Sociology	3
COM 113	Fundamentals of Speech Communications	3
PBH 120 or PBH 101	Foundations of Personal Health and Wellness or Introduction to Public Health	3
<b>Semester Total</b>		<b>17</b>

### 4th semester

BIOL 251	General Microbiology	4
NUTR 223	Principles of Nutrition	3

PBH 220	Introduction to Public Health Biology	3
Diversity/Fine Arts <sup>3</sup>		3
<b>Semester Total</b>		<b>13</b>
<b>Total Units</b>		<b>60</b>

<sup>3</sup> See program recommendations or requirements.

## Program Requirements

Associate of Science degrees are designed for students who plan to transfer to a four-year college or university.

To earn an AS degree, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Complete a minimum of 15 units within the college.
3. Satisfy General Education requirements for the AS (<https://catalog.tmcc.edu/degrees-certificates/general-education/as/>).
4. Have no financial or library obligation to the college.

Code	Title	Units
<b>General Education Requirements</b>		
English		3-6
Required:		
ENG 102 or ENG 114	Composition II <sup>1</sup> Composition II For International and Multilingual Students	
<i>Mathematics</i>		
MATH 124	College Algebra (Or higher)	3
<i>Science</i>		
BIOL 189A or BIOL 190A	Fundamentals of Life Science Introduction to Cell and Molecular Biology	3
BIOL 190L	Introduction to Cell and Molecular Biology Laboratory	1
CHEM 121	General Chemistry I	4
<i>Social Science</i>		
PSY 101	General Psychology	3
<i>Humanities</i>		3
Recommended:		
CH 203	American Experiences and Constitutional Change	
<i>Fine Arts</i>		3
Recommended:		
THTR 210 or ART 263 or ART 270 or DAN 101	Theatre: a Cultural Context Survey of African, Oceanic, & Native American Art Women in Art Dance Appreciation	
<b>Additional College Requirements</b>		
Diversity <sup>2</sup>		(3)
Recommended:		
THTR 210 or ART 263 or ART 270	Theatre: a Cultural Context Survey of African, Oceanic, & Native American Art Women in Art	

or DAN 101	Dance Appreciation	
Science <sup>2</sup>		(6)
U.S. and Nevada Constitutions <sup>2</sup>		(3)
Recommended:		
CH 203	American Experiences and Constitutional Change	

**Degree Requirements**

BIOL 223	Human Anatomy and Physiology I	4
BIOL 224	Human Anatomy and Physiology II	4
BIOL 251	General Microbiology	4
CHEM 220	Introductory Organic Chemistry	4
COM 113	Fundamentals of Speech Communications	3
NUTR 223	Principles of Nutrition	3
PBH 101	Introduction to Public Health	3
or PBH 120	Foundations of Personal Health and Wellness	
PBH 220	Introduction to Public Health Biology	3
PBH 281	Introduction to Biostatistics in Public Health	3
or STAT 152	Introduction to Statistics	
SOC 101	Principles of Sociology	3
<b>Total Units</b>		<b>60</b>

<sup>1</sup> If you place into ENG 102 (<https://catalog.tmcc.edu/search/?P=ENG%20102>) or ENG 114 (<https://catalog.tmcc.edu/search/?P=ENG%20114>) the additional 3 required units will become elective units.

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

## Program Outcomes

Students completing the degree will:

PSLO1: Recognize how the social, cultural, economic, political, geographical, and biological environments affect personal and community health.

PSLO2: Describe and apply behavioral strategies to promote personal health and wellness, and disease and illness prevention.

PSLO3: Demonstrate the ability to gather and interpret evidence-based information, and effectively communicate, in both written and oral formats, on topics related to community health.

PSLO4: Describe and apply the fundamental principles of chemistry, human anatomy and physiology, as they relate to human health.

## Transfer Agreements

AA/AS degrees are designed for students who plan to transfer to a four-year college or university. General information about general transfer agreements can be found on the Academic Advising website (<https://www.tmcc.edu/advancement/transfer-students/transfer-agreements>). Students who intend to transfer to another college or university should speak with a TMCC Academic Advisor and consult with that institution. The transfer institution determines how TMCC courses will transfer. TMCC has agreements with the following institutions towards a bachelor's degree in the same or similar discipline.