



Dental Hygiene A.A.S.

Career Community: Health and Human Service Careers

Curriculum Code: 0279

Effective: Fall 2023 – Summer 2025

Description

Dental hygienists are licensed preventive oral health care professionals. They provide educational, clinical, and therapeutic services to patients in dental offices, schools, hospitals, long-term care facilities, and other public health programs. Clinical skills include performing patient assessments; taking health histories; examining head, neck, and oral tissues for disease; checking blood pressures; exposing and processing dental x-ray pictures; applying decay-preventing agents to the teeth; polishing fillings; periodontal debridement; and polishing teeth. Upon graduation from this program which is accredited by the Commission on Dental Accreditation of the American Dental Association (CODA), 211 East Chicago Avenue, Suite 1900 Chicago, Illinois 60611, students are eligible to take the written and clinical exams necessary for licensure. In addition, students are eligible to take the Commission on Dental Competency Assessments (CDCA) exams for local anesthesia and nitrous oxide administration. Not all courses in this program transfer to all colleges. Students planning to transfer should see an academic advisor before enrolling in any course.

Milestone

In addition to the required General Education courses in Math and English, completion of BIOL 145, or BIOL 201 and 202, BIOL 203, and CHEM 120 with a 2.5 or higher is a key component for success in completing this program. Knowledge obtained in these courses is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in these courses.

Additional Information

This is a selective admission program. In order to be considered as a candidate for this program, students must meet basic admission requirements beyond those required for admission to the college. Courses listed below in Semesters I, II and III must be completed or in progress by the May 1st Dental Hygiene Program admission application deadline for a Fall start date. Once admitted, a student may not begin a new semester until they have successfully completed all DENT courses listed in the previous semester with a minimum grade of 2.5.

Contact Information

The admission and/or graduation requirements for this program may change each academic year. The program requirements below apply only to those students who have been admitted to the program for the 2023/2024 academic year. For further information, including career options, admission requirements, course substitutions and waivers, etc., contact the Dental Hygiene Program, Health and Human Services Building, Room 108, telephone number 517-483-1410, or the Academic Advising Department, Gannon Building – StarZone, telephone number 517-483-1904.

General Education – Applied Degrees Courses

- English Composition or Applied English
Program of Study Required Courses for Admission will meet this requirement.
- English Composition (second course)/Communication or Applied Communication
Program of Study Required Courses for Admission will meet this requirement.
- Humanities and Fine Arts or Social Sciences or Applied Social Sciences
Program of Study Required Courses for Admission will meet this requirement.
- Mathematics or Applied Mathematics
Program of Study Required Courses for Admission will meet this requirement.
- Natural Sciences Lab or Applied Science and Technology Lab
Program of Study Required Courses for Admission will meet this requirement.

Program of Study Required Courses for Admission, Limited Choice – *Select BIOL 145 or, BIOL 201 and BIOL 202. Minimum 2.5 grade required. This selection also satisfies the General Education Natural Sciences Lab or Applied Science and Technology Lab requirement.*

Course Code	Course Title	Credit / Billing Hours
BIOL 145	Intro Anatomy and Physiology	4 / 6
BIOL 201 and 202	Human Anatomy and Human Physiology	8 / 11 (total)

Program of Study Required Courses for Admission, Limited Choice – *Select one. Minimum 2.0 grade required. ENGL 121 or 122 recommended for transferability. This selection also satisfies the General Education English Composition requirement.*

Course Code	Course Title	Credit / Billing Hours
ENGL 121	Composition I	4 / 4
ENGL 122	Composition II	4 / 4
ENGL 131	Honors Composition I	4 / 4
ENGL 132	Honors Composition II	4 / 4

Program of Study Required Courses for Admission – *Minimum 2.5 grade required for BIOL 203 and CHEM 120. Minimum 2.0 grade required for PSYC 200, SOCL 120 and the MATH course. MATH 119 (or any course from the General Education Mathematics College Algebra category) also satisfies the General Education Mathematics or Applied Mathematics requirement. SOCL 120 also satisfies the General Education Humanities and Fine Arts or Social Sciences or Applied Social Sciences requirement.*

Course Code	Course Title	Credit / Billing Hours
BIOL 203	Microbiology	3 / 3
CHEM 120	Gen Organic & Biological Chem	4 / 4
MATH 119	Math - Applications for Living	4 / 4
PSYC 200	Introduction to Psychology	4 / 4
SOCL 120	Introduction to Sociology	4 / 4

Program of Study Required Courses for Admission, Limited Choice – *Select one. Minimum 2.0 grade required. This selection also satisfies the General Education English Composition (second course)/Communications or Applied Communications requirement.*

Course Code	Course Title	Credit / Billing Hours
COMM 110	Communication in the Workplace	3 / 3
COMM 120	Dynamics of Communication	3 / 3
COMM 130	Fundamentals Public Speaking	3 / 3
COMM 240	Interpersonal Communication	3 / 3

Recommended Courses for Admission – *If taken, a minimum 2.0 grade is needed. STAT 170 or STAT 215 is recommended. Neither STAT 170 nor STAT 215 will fulfill the Dental Hygiene Program requirement of MATH 119 or higher.*

Course Code	Course Title	Credit / Billing Hours
BIOL 204	Microbiology Laboratory	1 / 3
STAT 170	Introduction to Statistics	4 / 4
STAT 215	Intro to Probability and Stats	4 / 4

Minimum Total Credit Hours for Admission

30 credits / 32 billing hours

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
DENT 140	Oral Histology & Embryology	1.5 / 1.5
DENT 142	PreClinical Dental Hygiene	3 / 3
DENT 144	PreClinic Dental Hyg Practice	2 / 8
DENT 146	Head, Neck & Oral Anatomy	3.5 / 5.5
DENT 148	Dental Radiography	3 / 5
DENT 152	Dental Hygiene I	2 / 2
DENT 154	Clinical Dental Hygiene I	2 / 8
DENT 156	Nutrition	2 / 2
DENT 158	Dental Pharmacology	3 / 3
DENT 161	Principles of Periodontics	3 / 3
DENT 174	Clinical Dental Hygiene II	1 / 4
DENT 176	Dental Materials & Methods	3 / 5
DENT 240	Anxiety & Pain Control Mgmt	2.5 / 4
DENT 242	Dental Hygiene III	2 / 2
DENT 244	Clinical Dental Hygiene III	3 / 12
DENT 247	Oral Pathology	3 / 3
DENT 248	Dental Public Health & Educ	3 / 3
DENT 252	Dental Hygiene IV	2 / 2
DENT 254	Clinical Dental Hygiene IV	3 / 12
DENT 256	Community Oral Health	1.5 / 1.5

Program of Study Recommended Course

Course Code	Course Title	Credit / Billing Hours
DENT 270	Dental Hygiene Board Review	2 / 2

Minimum Total Credit Hours

79 credits / 121.5 billing hours

Recommended Course Sequence

Semester I
BIOL 145 or (BIOL 201 and 202) – Milestone course(s)
ENGL 121, 122, 131, or 132
PSYC 200

Semester II
BIOL 203 – Milestone course
CHEM 120 – Milestone course
COMM 110, 120, 130, or 240
MATH 119 (or any General Education Mathematics College Algebra course)
SOCL 120

Semester III
BIOL 204 (Recommended)
STAT 170 or 215 (Recommended)

Semester IV (Fall)
DENT 140
DENT 142
DENT 144
DENT 146
DENT 148

Semester V (Spring)
DENT 152
DENT 154
DENT 156
DENT 158
DENT 161

Semester VI (Summer)
DENT 174
DENT 176

Semester VII (Fall)
DENT 240
DENT 242
DENT 244
DENT 247
DENT 248

Semester VIII (Spring)
DENT 252
DENT 254
DENT 256
DENT 270 (Recommended)

LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title changes, and make course changes as needed, without prior notice.