

Program Number 10-508-1
Associate Degree of Applied Science • Six Terms

ABOUT THE PROGRAM

This program will prepare students for a career as a dental hygienist. The dental hygienist is a member of the dental team and helps individuals maintain oral health and prevent oral disease. Under the supervision of a dentist, the hygienist inspects the mouth, removes deposits and stains from teeth, exposes dental x-rays, applies preventative agents, administers local anesthesia, counsel patients about preventative measures, and performs many other services related to oral care.

PROGRAM OUTCOMES

- Model dental hygiene professional code of ethics.
- Counsel clients/patients to reduce health risks.
- Provide community oral health services in a variety of settings.
- Manage infection and hazard control.
- Assess data on all aspects of patient/client health using methods consistent with dental hygienist scope of practice and legal principles.
- Formulate a comprehensive dental hygiene care plan in collaboration with the client and other health professionals.
- Provide preventive and therapeutic services that promote oral health according to the needs of the patient/client.
- Evaluate the effectiveness of the implemented client/patient dental hygiene care plan.

CAREER AND EDUCATION ADVANCEMENT OPPORTUNITIES

Lakeshore credits transfer to over 30 universities. For more information visit lakeshore.edu/future-students/transfer. Career opportunities include Dental Hygienist, Internal Claims Review Analyst, Dental Sales Representative, or Dental Office Manager.

ADMISSIONS AND FIRST SEMESTER ENROLLMENT STEPS

- Submit online application.
 - Complete the online Student Success Questionnaire.
 - Complete Get Started at Lakeshore appointment.
- *Submit transcripts and test scores: College transcripts, along with high school transcripts and test scores from within the last five years, used for course registration. Official transcripts needed for transferring college credit(s) and for financial aid purposes.*

ACADEMIC PREPAREDNESS/FUTURE SEMESTER ENROLLMENT STEPS

If applicable, complete program-specific academic preparedness requirements and enrollment steps prior to enrolling in occupational or core courses. Students will be notified if there is a program waitlist. View the college's program webpage for details: <https://lakeshore.edu/programs-and-courses/career-areas/health-science/dental-hygienist>.

APPROXIMATE COSTS

\$157.45 per credit tuition (WI resident) plus \$9.45 per credit student activity fee. Material fee varies depending on course. Other fees vary by program. Visit <https://lakeshore.edu/paying-for-college/tuition-and-fees> for details.

FINANCIAL AID

This program is eligible for financial aid. Visit lakeshore.edu/Financial-Aid or talk with your College Recruiter about how to apply for aid.

SPECIAL NOTE

- Lakeshore College's Dental Hygienist program prepares students to obtain the required licensure to be employed/practice in Wisconsin. Per Federal regulations, we may not enroll students who intend to practice in states in which our curriculum does not meet requirements for preparation, examination, or licensure.
- American Heart Association BLS Certification must be maintained throughout the duration of the program.
- Students will be expected to serve as a dental clinic patient for their peers.
- To be eligible for testing and/or licensing in the state of Wisconsin, you may be required to obtain a social security number.
- Students may be exposed to potentially infectious materials including blood, saliva, and other bodily fluids. See Dental Hygiene Student Handbook for more information.
- To complete clinical experience specific health and immunization documentation will be required.

CONTACT

Lakeshore College Recruiter
920.693.1366 • Recruitment@lakeshore.edu

Catalog No.	Class Title	Credit(s)
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Term 1

10801136	English Composition 1	3
10809198	Introduction to Psychology	3
10809196	Introduction to Sociology	3
10806177	General Anatomy and Physiology	4
		13

Term 2

10801198	Speech	3
10806186	Introduction to Biochemistry	4
10806197	Microbiology	4
		11

Term 3 (Fall)

10508103	Dental Radiography	2
10508113	Dental Materials	2
10508102	Oral Anatomy, Embry, Histology	4
10508101	Dental Health Safety*	1
10508105	Dental Hygiene Process I	4
		13

Term 4 (Spring)

10508106	Dental Hygiene Process 2	4
10508108	Periodontology	3
10508109	Cariology	1
10508110	Nutrition and Dental Health	2
		10

Term 5 (Fall)

10508111	General and Oral Pathology	3
10508112	Dental Hygiene Process 3	5
10508114	Dental Pharmacology	2
		10

Term 6 (Spring)

10508107	Dental Hygiene Ethics and Professionalism	1
10508115	Community Dental Health	2
10508117	Dental Hygiene Process	4
10508118	Dental Anxiety and Pain Management	2
10508130	Dental Hygiene Transition into Practice	1
		10

TOTAL 67

*Class begins one week prior to term

Curriculum and program acceptance requirements are subject to change. Program start dates vary; check with your Academic Counselor for details. The tuition and fees are approximate based on 2026-2027 rates and are subject to change prior to the start of the academic year.

CARIOLOGY...focuses on the characteristics and contributing factors of dental decay. Dental Hygiene students help patients minimize caries risk by developing treatment plans, communicating methods to patients, and evaluating treatment results. **CONDITION:** 105081 Dntl Hygienist and **PREREQUISITES:** 10508103 Dental Radiography, 10508113 Dental Materials, 10508102 Oral Anatomy, Embry, Histology, 10508101 Dental Hlth Sfty, and 10508105 Dental Hygiene Process 1

COMMUNITY DENTAL HEALTH...prepares the Dental Hygienist student to play a proactive role in improving the dental health of community members of all ages. Students perform and interpret dental health research to determine community dental health needs. **CONDITION:** 105081 Dental Hygienist and **PREREQUISITES:** 10508111 General & Oral Pathology, 10508114 Dental Pharmacology and 10508112 Dental Hygiene Process 3

DENTAL ANXIETY AND PAIN MANAGEMENT...prepares the student dental hygienist to work within the scope of dental hygiene practice to manage anxiety and pain for dental patients. Students learn to prepare and administer local anesthesia and nitrous oxide safely. The course also addresses the recommendation of alternative pain control measures. **CONDITION:** 105081 Dental Hygienist and **PREREQUISITES:** 10508111 General & Oral Pathology, 10508114 Dental Pharmacology and 10508112 Dental Hygiene Process 3

DENTAL HEALTH SAFETY...prepares dental auxiliary students to respond proactively to dental emergencies control infection, prevent disease, adhere to OSHA Standards, and safely manage hazardous materials. Students also take patient vital signs and college patient medical/dental histories. This course is a WTCS aligned course required in both the Dental Hygienist and Dental Assisting programs. **CONDITION:** 105081 Dental Hygienist or 305083 Dental Assisting or 305082 Dental Assistant admission requirements met

DENTAL HYGIENE ETHICS & PROFESSIONALISM...helps student dental hygienists develop and apply high professional and ethical standards. Students apply the laws that govern the practice of dental hygiene to their work with patients, other members of a dental team and the community. Emphasis is placed on maintaining professionalism which includes confidentiality and informed consent. **CONDITION:** 105081 Dntl Hygienist and **PREREQUISITES:** 10508111 General & Oral Pathology, 10508114 Dental Pharmacology and 10508112 Dental Hygiene Process 3

DENTAL HYGIENE PROCESS 1...introduces Dental Hygiene students to the basic technical/clinical skills required of practicing Dental Hygienists including use of basic dental equipment, examination of patients, and procedures within the dental unit. Under the direct supervision of an instructor, students integrate hands-on skills with entry-level critical thinking and problem-solving skills. The course also reinforces the application of Dental Health Safety skills. **CONDITION:** 105081 Dental Hygienist admission requirements met and **PREREQUISITES:** 10806177 General Anatomy and Physiology, 10806186 Introduction to Biochemistry, and 10806197 Microbiology

DENTAL HYGIENE PROCESS 2...students apply skills learned in Process 1, Radiography and Dental Health Safety. Students learn patient care assessment, planning, implementation, and evaluation skills to provide comprehensive care for specific course requirements. Students are introduced and perform the application of fluoride and desensitizing agents, whole mouth assessments, comprehensive periodontal examinations, application of sealants, patient classification removal of supragingival stain, plaque or calcified deposits. **CONDITION:** 105081 Dental Hygienist and **PREREQUISITES:** 10508103 Dental Radiography, 10508113 Dental Materials, 10508102 Oral Anatomy, Embry, Histology, 10508101 Dental Health Safety, and 10508105 Dental Hygiene Process 1

DENTAL HYGIENE PROCESS 3...students will build on skills acquired in Process 2. Process 3 introduces root detoxification using hand and ultra-sonic instruments, laser bacterial reduction, selection of dental implant prophylaxis treatment options, and administration of chemotherapeutic agents. Students also adapt care plans to accommodate patients with special needs and apply independent problem-solving skills to treat patients with calculus case type 1, 2, and 3 patients and case type 0, I, II, and III patients. **CONDITION:** 105081 Dental Hygienist and **PREREQUISITES:** 10508108 Periodontology, 10508109 Cariology, 10508110 Nutrition & Dental Health, and 10508106 Dental Hygiene Process 2

DENTAL HYGIENE PROCESS 4...builds on and expands the skills the student dental hygienist developed in Dental Hygiene Process 3. Students manage all aspects of comprehensive care for calculus case type cases in the course of providing comprehensive care for calculus case type 0, 1, 2, and 3 patients and for case type 0 I, II, and III patients. Emphasizes maximization of clinical efficiency and effectiveness. Prepares student dental hygienists to demonstrate their clinical skills in a formal examination situation. **CONDITION:** 105081 Dental Hygienist and **PREREQUISITES:** 10508111 General & Oral Pathology, 10508114 Dental Pharmacology and 10508112 Dental Hygiene Process 3

DENTAL HYGIENE TRANSITION INTO PRACTICE...prepares students for the written licensing and clinical practice examinations. It includes simulated, written and practical exams; an individualized study plan; stress/test anxiety management strategies; and dental hygiene licensing. **CONDITION:** 105081 Dental Hygienist and **PREREQUISITES:** 10508111 General & Oral Pathology, 10508114 Dental Pharmacology and 10508112 Dental Hygiene Process 3

DENTAL MATERIALS...prepares dental auxiliary students to operate radiographic equipment and expose bitewing, periapical, extra oral, and occlusal images. Emphasis is placed on protection against x-ray hazards. Students also produce, mount, and evaluate dental images for diagnostic value. This course also provides the background in radiographic theory required for students to make informed decisions and adjustments. **COREQUISITE:** 10508101 Dental Health and Safety and **CONDITION:** 105081 Dental Hygienist or 305083 Dental Assisting or 305082 Dental Assistant admission requirements met

DENTAL PHARMACOLOGY...prepares student dental hygienists to select safe and effective patient premedication and within the scope of dental hygiene practice. Students will also learn to recognize potential pharmacological contraindications for specific patients and to take measures to avoid negative impact or alert other members of the dental team to possible negative impact. **CONDITION:** 105081 Dntl Hygienist and **PREREQUISITES:** 10508108 Periodontology, 10508109 Cariology, 10508110 Nutrition & Dental Health, and 10508106 Dental Hygiene Proc 2

DENTAL RADIOGRAPHY...prepares dental auxiliary students to operate radiographic equipment and expose bitewing, periapical, extra oral, and occlusal images. Emphasis is placed on protection against x-ray hazards. Students also produce, mount, and evaluate dental images for diagnostic value. This course also provides the background in radiographic theory required for students to make informed decisions and adjustments. **COREQUISITE:** 1058101 Dental Health Safety **CONDITION:** 105081 Dental Hygienist or 305083 Dental Assisting or 305082 Dental Assistant admission requirements met

ENGLISH COMPOSITION 1...is designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing and revising are applied through a variety of activities. Students will analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals will develop critical reading skills through analysis of various written documents. Discuss reading and writing academic course support with your Counselor.

GENERAL & ORAL PATHOLOGY...prepares the student dental hygienist to determine when to consult, treat or refer clients with various disease, infection or physiological conditions. Students learn to recognize the signs, causes, and implications of common pathological conditions including inflammatory responses, immune disorders, genetic disorders, developmental disorders of tissues and cysts, oral tissue trauma, and neoplasm of the oral cavity. **CONDITION:** 105081 Dental Hygienist and **PREREQUISITES:** 10508108 Periodontology, 10508109 Cariology, 10508110 Nutrition & Dental Health, and 10508106 Dental Hygiene Process 2

GENERAL ANATOMY AND PHYSIOLOGY...examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole-body anatomy and physiology to informed decision-making and professional communication with colleagues and patients. Discuss reading academic course support with your Counselor.

INTRODUCTION TO BIOCHEMISTRY...provides students with skills and knowledge of organic and biological chemistry necessary for application within Nursing and other Allied Health careers. Emphasis is placed on recognizing the structure, physical properties and chemical reactions of organic molecules, body fluids, and acids. Additional emphasis is placed on biological functions and their relationships to enzymes, proteins, lipids, carbohydrates and DNA. **PREREQUISITE:** 10806134 General Chemistry or equivalent

INTRODUCTION TO PSYCHOLOGY...introduces students to a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings. Discuss reading academic course support with your Counselor.

INTRODUCTION TO SOCIOLOGY...introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, and the five institutions, including family, government, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, social organization, and workplace issues. Discuss reading academic course support with your Counselor.

MICROBIOLOGY...introduces the learner to examine microbial structure, metabolism, genetics, growth and relationship between humans and microorganisms. Addresses disease production, epidemiology, host defense mechanisms and the medical impact of microbes. Examines the role of microbes in the environment, industry, and biotechnology. Discuss reading academic course support with your Counselor.

NUTRITION AND DENTAL HEALTH...prepares student dental hygienists to counsel patients about diet and its impact on oral health. Students learn to distinguish between balanced and unbalanced diets and to construct diets that meet the needs of patients with compromised dental/oral health. Students also learn to counsel patients about the effect of eating disorders on dental health. **CONDITION:** 105081 Dental Hygienist and **PREREQUISITES:** 10508103 Dental Radiography, 10508113 Dental Materials, 10508102 Oral Anatomy, Embry, Histology, 10508101 Dental Health Safety, and 10508105 Dental Hygiene Process 1

ORAL ANATOMY, EMBRY, HISTOLOGY...prepares Dental Hygienist students to apply detailed knowledge about oral anatomy to planning, implementation, assessment, and evaluation of patient care. Students identify distinguishing characteristics of normal and abnormal dental, head, and neck anatomy and its relationship to tooth development, eruption, and health. **CONDITION:** 105081 Dental Hygienist admission requirements met and **PREREQUISITE:** 10806177 General Anatomy and Physiology and **COREQUISITE:** 10508101 Dental Health and Safety

PERIODONTOLOGY...prepares student dental hygienists to assess the periodontal health of patients, plan prevention and treatment of periodontal disease, and to evaluate the effectiveness of periodontal treatment plans. Emphasis is placed on the recognition of the signs and causes of periodontal disease and on selection of treatment modalities that minimize risk and restore periodontal health. **CONDITION:** 105081 Dental Hygienist and **PREREQUISITES:** 10508103 Dental Radiography, 10508113 Dental Materials, 10508102 Oral Anatomy, Embry, Histology, 10508101 Dental Health Safety, and 10508105 Dental Hygiene Process 1

SPEECH...explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of the course. Discuss reading academic course support with your Counselor.