

A minimum of 90 units is required¹ to include:

- Completion of one of the following general education patterns:
Foothill General Education, CSU General Education Breadth Requirements or the Intersegmental General Education Transfer Curriculum (IGETC)
- Core courses (57 units)

¹ Additional elective course work may be necessary to meet the 90-unit minimum requirement for the associate degree.

Note: All courses pertaining to the major must be taken for a letter grade. In addition, a grade of "C" or better is required for all core courses used for the degree or certificate.

Core and Support Courses

Core Courses

Course	Title	Units
Fall Quarter		
D A 50	ORIENTATION TO DENTAL ASSISTING	1
D A 51A	INTRODUCTION TO CHAIRSIDE DENTAL ASSISTING	10.5
D A 53A	INTRODUCTION TO RADIOGRAPHY I	3
D A 58	SPECIALTY PRACTICE PROCEDURES	1
D A 62A	DENTAL SCIENCES I	2
D A 71	INFECTION CONTROL & HAZARDOUS WASTE MANAGEMENT	1.5
Units		19
Winter Quarter		
D A 51B	INTERMEDIATE CLINICAL DENTAL ASSISTING	3
D A 53B	DENTAL RADIOGRAPHY II	2
D A 56	DENTAL HEALTH EDUCATION	1
D A 57	OFFICE EMERGENCY PROCEDURES	2
D A 60A	DENTAL OFFICE BUSINESS PRACTICES I	2
D A 62B	DENTAL SCIENCES II	2
D A 73	DENTAL ASSISTING SUPERVISED CLINIC	5.5
D A 100	LAW & ETHICS FOR THE DENTAL ASSISTANT	1
Units		18.5
Spring Quarter		
D A 51C	ADVANCED DENTAL ASSISTING SKILLS	3.5
D A 53C	DENTAL RADIOGRAPHY III	1
D A 60B	DENTAL OFFICE BUSINESS PRACTICES II	3
D A 62C	DENTAL SCIENCES III	2
D A 63	SPECIAL PATIENT POPULATIONS	1
D A 74	DENTAL ASSISTING CLINICAL PRACTICE	5.5
D A 85	RDA REVIEW	2
D A 88	PIT & FISSURE SEALANTS	1.5
Units		19.5
Total Units		57

Certificate Requirements

Certificate of Achievement in Dental Assisting

- Units: 57

The certificate of achievement is awarded upon completion of the program prerequisites and core courses (general education courses are not required) and the following:

- Proof of Current Basic Life Support Provider Certification from the American Heart Association

Note: All courses pertaining to the major must be taken for a letter grade. In addition, a grade of "C" or better is required for all core courses for the certificate.

Dental Hygiene Program Description

The dental hygiene program is a bachelor in science degree program authorized under AB 927 and the State Chancellor's Office. The program is highly academic, with an emphasis on evidence-based practice and clinical skills to prepare students to assess the medical/dental status of patients, develop a dental hygiene care plan, implement appropriate dental hygiene care, and evaluate outcomes. The Commission on Dental Accreditation accredits the dental hygiene program. Graduates are eligible to take the National Dental Hygiene Board Examination and qualify for the State or Regional Registered Dental Hygiene licensure examination.

Learn more about the program on the [Dental Hygiene website](#).

Program Learning Outcomes

- **Professionalism:** The dental hygiene bachelor in science degree graduate will have the skills to implement their role as a health professional at the local, state, and national levels. The graduate will possess the ethics, values, skills, and knowledge integral to all aspects of the profession.
- **Health Promotion and Disease Prevention:** The dental hygiene bachelor in science degree graduate will be competent in the performance and delivery of oral health promotion and disease prevention services in public health, private practice and alternative settings. The graduate will be able to exercise evidence-based practice, critical thinking and communicate effectively in all professional employment settings.

Career Opportunities

According to the U.S. Bureau of Labor Statistics employment of dental hygienists is expected to grow 33% through 2022, much faster than the average for all occupations. This projected growth ranks dental hygienists among the fastest growing occupations as there will become an increasing demand for dental care and the greater use of dental hygienists. Opportunities exist for a registered dental hygienist in general or dental specialties such as pediatrics and periodontics. Other career opportunities include public health, sales and marketing, dental hygiene educator, research, consultant and continuing education.

Award Type(s)

BS = Bachelor in Science Degree

Units Required

- Major: 196

Program Application

Admittance to this program is through an application process. Program information, admission criteria and application to the program can be found on the [Dental Hygiene Program website](#).

Program Prerequisites

Must be completed with a grade of "C" or better.

- High school diploma or equivalent.
- College GPA of 2.5 or higher.
- Completion of one of the following general education patterns: CSU General Education Breadth Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).
- **The following courses are required for the Dental Hygiene Bachelor in Science degree and must be completed before starting the core dental hygiene courses:**

Code	Title	Units
CHEM 30A & CHEM 30B	SURVEY OF INORGANIC & ORGANIC CHEMISTRY and SURVEY OF ORGANIC & BIOCHEMISTRY	10
or equivalent		
One of the following:		5
MATH 10	ELEMENTARY STATISTICS	
PSYC 7	STATISTICS FOR THE BEHAVIORAL SCIENCES	
SOC 7	STATISTICS FOR THE BEHAVIORAL SCIENCES	
or equivalent		
HLTH 20 or HLTH 21 or equivalent	INTRODUCTION TO PUBLIC HEALTH CONTEMPORARY HEALTH CONCERNS	4-5
PSYC 1	GENERAL PSYCHOLOGY (or equivalent)	5
SOC 1	INTRODUCTION TO SOCIOLOGY (or equivalent)	5
COMM 1A	PUBLIC SPEAKING (or equivalent)	5
Multicultural or ethnic studies course		
BIOL 40A & BIOL 40B & BIOL 40C	HUMAN ANATOMY & PHYSIOLOGY I and HUMAN ANATOMY & PHYSIOLOGY II and HUMAN ANATOMY & PHYSIOLOGY III	15
or equivalent		
BIOL 41	MICROBIOLOGY (or equivalent)	6
BIOL 45	INTRODUCTION TO HUMAN NUTRITION (or equivalent)	4
PHT 58	FUNDAMENTALS OF PHARMACOLOGY	4
D H 200L	INTRODUCTION TO DENTAL HYGIENE	1.5
One of the following:		5-8
ENGL 1A	COMPOSITION & READING	
ENGL 1AH	HONORS COMPOSITION & READING	
ENGL 1S & ENGL 1T	INTEGRATED COMPOSITION & READING and INTEGRATED COMPOSITION & READING	
ENGL 1B or ENGL 1BH	COMPOSITION, CRITICAL READING & THINKING THROUGH LITERATURE HONORS COMPOSITION, CRITICAL READING & THINKING THROUGH LITERATURE	5

Bachelor Degree Requirements

The Dental Hygiene bachelor in science degree is a 2+2 program: two years of prerequisite courses, including the required general education, science courses and social sciences courses; then, following an application and acceptance to the dental hygiene program, there are two years of dental hygiene core courses and upper division general education. The bachelor degree requires completion of one of the following general education patterns: CSU General Education Breadth Requirements or the Intersegmental General Education Transfer Curriculum (IGETC). Completion of the pre-program courses and general education does not guarantee admission to the dental hygiene program.

It is strongly recommended that students meet with a counselor to create an education plan.

Note: All courses pertaining to the major must be taken for a letter grade. In addition, a grade of "C" or better is required for all core and support courses used for the degree. All dental hygiene courses must be taken in sequence and must be completed with a grade of "C" or better.

Students who wish to apply for a Board of Governors Fee Waiver pursuant to Education Code Section 76300 shall be required to complete and submit either a Free Application for Federal Student Aid or a California Dream Act application in lieu of completing the Board of Governors Fee Waiver application.

Enrollment Fees and Tuition: Upper Division Coursework Fee (California Education Code (CEC), 78042(g)(5); CCR, title 5, section 58520)—additional upper division course fee of \$56/unit for quarter system colleges charged on all upper division courses that are part of an approved Baccalaureate Degree Pilot Program.

Core and Support Courses

Core Courses

Course	Title	Units
First Year		
Summer Session		
D H 50	ORIENTATION TO DENTAL HYGIENE	1
		Units
		1
Fall Quarter		
D H 300A	ORAL BIOLOGY I	3
D H 302	ASSESSMENT PROCEDURES IN DENTAL HYGIENE	3
D H 304	PRE-CLINICAL DENTAL HYGIENE	4
D H 305A	INTRODUCTION TO DENTAL RADIOGRAPHY I	2
IDS 300	RESEARCH METHODOLOGY FOR HEALTH PROFESSIONALS ¹	5
		Units
		17
Winter Quarter		
D H 300B	ORAL BIOLOGY II	3
D H 305B	DENTAL RADIOGRAPHY II	1
D H 308	CLINICAL TECHNIQUE	6
D H 310	DENTAL MATERIALS	3
D H 312	EMERGENCY PROCEDURES	1
D H 314	DENTAL HEALTH EDUCATION	2
		Units
		16
Spring Quarter		
D H 305C	DENTAL RADIOGRAPHY III	2
D H 316A	PERIODONTICS I	3
D H 318	INTRODUCTION TO CLINIC	5.5
BIOL 300	HUMAN PATHOPHYSIOLOGY & PHARMACOLOGY ¹	4
HLTH 300	HEALTH ACROSS THE LIFESPAN ¹	5
		Units
		19.5
Second Year		
Summer Session		
D H 320A	CLINICAL DENTAL HYGIENE I	3
D H 322	LOCAL ANESTHESIA	2.5
		Units
		5.5
Fall Quarter		
D H 316B	PERIODONTICS II	2
D H 320B	CLINICAL DENTAL HYGIENE II	8.5
D H 324	ORAL PATHOLOGY	2
D H 326A	COMMUNITY DENTAL HEALTH I	2
D H 328A	CLINICAL DENTAL HYGIENE THEORY I	2
		Units
		16.5

Winter Quarter

D H 305D	DENTAL RADIOGRAPHY IV	1
D H 320C	CLINICAL DENTAL HYGIENE III	8.5
D H 326B	COMMUNITY DENTAL HEALTH II	2
D H 328B	CLINICAL DENTAL HYGIENE THEORY II	2
D H 330	NITROUS OXIDE/OXYGEN ANALGESIA	1
Units		14.5

Spring Quarter

D H 320D	CLINICAL DENTAL HYGIENE IV	8.5
D H 326C	COMMUNITY DENTAL HEALTH III	2
D H 328C	CLINICAL DENTAL HYGIENE THEORY III	2
D H 332	ETHICS, LAW & BUSINESS PRACTICES	3
Units		15.5
Total Units		105.5

¹ Upper Division General Education courses.

Please note: Total Units listed above includes 14 units of Upper Division General Education courses.

Dental Hygiene Bachelor in Science Completion Track

Program Description

The Dental Hygiene bachelor in science degree completion track broadens the educational experience of licensed dental hygienists who have graduated from an accredited dental hygiene program by providing a liberal arts and broad-based general education component, including critical thinking, analysis, writing, researching, and reporting. The program will prepare dental hygienists to interact effectively with other health professionals in a competent, collaborative, and ethical manner. The program can be completed in 1-2 years and will award the Bachelor in Science in Dental Hygiene degree upon successful completion of all courses and program requirements. Students will take online upper division coursework focused on developing communication and critical thinking skills necessary for the bachelor degree. Completing the bachelor degree will allow the licensed dental hygienist to pursue career options in education, corporate/industry, research and public health. The completion track is authorized under AB 927 and the State Chancellor's Office.

Learn more about the program on the [Dental Hygiene website](#).

Units Required

- Major: 64 (additional units are required to satisfy prerequisites and general education requirements)

Program Application

Admittance to this program is through an application process. Program information, admission criteria and application to the program can be found on the [Dental Hygiene Program website](#).

Program Prerequisites

- Associate degree from an accredited two-year community college dental hygiene program.
- Active and in good standing Registered Dental Hygiene license (RDH or RDHAP).
- Completion of one of the following general education patterns: CSU General Education Breadth Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).

Bachelor Degree Requirements

30 units of core courses in dental hygiene and 14 units of upper division general education courses; active and good standing dental hygiene license; and completion of one of the following general education patterns: CSU General Education Breadth Requirements or the Intersegmental General Education Transfer Curriculum (IGETC).

Foothill College awards 24 units as credit for prior learning for passing the National Dental Hygiene Board Examination, Regional/State Clinical Licensing Examination, and State Law & Ethics Examination.

It is strongly recommended that students meet with a counselor for evaluation of transcripts and to determine if general education pattern has been completed.

Core and Support Courses

Select one of the following options (option is selected during the application process):

Option 1: One academic year (must begin in spring quarter)

Course	Title	Units
First Year		
Spring Quarter		
IDS 300	RESEARCH METHODOLOGY FOR HEALTH PROFESSIONALS ¹	5
HLTH 300	HEALTH ACROSS THE LIFESPAN ¹	5
Units		10
Second Year		
Fall Quarter		
D H 350A	DENTAL HYGIENE RESEARCH & CAPSTONE PROJECT I	5
D H 352	HEALTH COMMUNICATION & CULTURAL ISSUES	5
Units		10
Winter Quarter		
D H 350B	DENTAL HYGIENE RESEARCH & CAPSTONE PROJECT II	5
D H 356	EDUCATION THEORY, PRACTICE & ADMINISTRATION	5
Units		10
Spring Quarter		
D H 350C	DENTAL HYGIENE RESEARCH & CAPSTONE PROJECT III	5
D H 354	HEALTH CARE MANAGEMENT	5
Units		10
Total Units		40

¹ Upper Division General Education courses.

Please note: Total Units for the completion track is 64 units, which includes Upper Division General Education courses and 24 units awarded as credit for prior learning.

Option 2: Two academic years (must begin in fall quarter)

Course	Title	Units
First Year		
Fall Quarter		
D H 352	HEALTH COMMUNICATION & CULTURAL ISSUES	5
Units		5
Winter Quarter		
D H 356	EDUCATION THEORY, PRACTICE & ADMINISTRATION	5
Units		5
Spring Quarter		
D H 354	HEALTH CARE MANAGEMENT	5
IDS 300	RESEARCH METHODOLOGY FOR HEALTH PROFESSIONALS ¹	5
Units		10

Second Year**Fall Quarter**

D H 350A	DENTAL HYGIENE RESEARCH & CAPSTONE PROJECT I	5
Units		5

Winter Quarter

D H 350B	DENTAL HYGIENE RESEARCH & CAPSTONE PROJECT II	5
Units		5

Spring Quarter

D H 350C	DENTAL HYGIENE RESEARCH & CAPSTONE PROJECT III	5
HLTH 300	HEALTH ACROSS THE LIFESPAN ¹	5
Units		10
Total Units		40

¹ Upper Division General Education courses.

Please note: Total Units for the completion track is 64 units, which includes Upper Division General Education courses and 24 units awarded as credit for prior learning.

Diagnostic Medical Sonography

Program Description

Diagnostic Medical Sonographer is a professional qualified by professional credentialing, academic and clinical experience to provide diagnostic patient care services using ultrasound. The scope of practice includes those procedures, acts and processes permitted by law, for which the individual has received education and clinical experience, has demonstrated competency and has completed the appropriate credentialing which is the standards of practice. Coursework includes use of sonography relevant to gynecology, obstetrics, abdominal subjects, superficial structures and vascular applications.

The Diagnostic Medical Sonography Program was established in 1984. The college is accredited by Western Association of Schools and Colleges. Graduates of the program meet the educational requirements outlined under Prerequisite 1,2,3A of the American Registry of Diagnostic Medical Sonographers.

After eighteen consecutive months of competency based, classroom, laboratory instruction and clinical preceptorships, students receive the Certificate of Achievement and may choose to complete an Associate in Science degree option. Students are eligible to take the American Registry for Diagnostic Medical Sonography (ARDMS) exams.

Learn more about the program on the [Diagnostic Medical Sonography website](#).

Program Learning Outcomes

- Students will demonstrate the necessary knowledge, technical skills, analytical skills, interpersonal skills and diagnostic ability within the scope of practice for diagnostic medical sonography.
- Students will demonstrate the necessary knowledge and values pertaining to professional demeanor, including the implementation of confidentiality and privacy for the practice of diagnostic medical sonography.

Career Opportunities

Students typically pursue technical careers in the hospital, clinic, and office. With additional technical experience career positions may include supervisory positions, as a traveler or independent contractor. Most

management, corporate and education positions require a baccalaureate or Master's degree in a related field.

Award Type(s)

- AS = Associate in Science Degree
- CA = Certificate of Achievement

Units Required

- Major: 115
- Certificate(s): 115

Program Application

Admittance to this program is through an application process. Program information, admission criteria and application to the program can be found on the [Diagnostic Medical Sonography program website](#).

Program Prerequisites

Must be completed with a grade of "C" or better, unless otherwise noted.

- High school diploma, GED or equivalent.
- Successful completion of a two-year Allied Health Program with direct patient care experience such as Radiologic Technology, Respiratory Therapy, Registered Nurse and/or bachelor degree from an accredited institution in the United States in a science/medically related discipline such as premed, registered nurse, or kinesiology with physical therapy assistance experience. Not all health care positions can or will provide the appropriate experiences. Please see program website for more information.

Code	Title	Units
BIOL 40A & BIOL 40B & BIOL 40C	HUMAN ANATOMY & PHYSIOLOGY I and HUMAN ANATOMY & PHYSIOLOGY II and HUMAN ANATOMY & PHYSIOLOGY III ¹	15
or a semester of Anatomy and a semester of Physiology with laboratories ¹		
PHYS 2A	GENERAL PHYSICS (or equivalent) ¹	5
Intermediate Algebra or equivalent		5
ENGL 1A	COMPOSITION & READING	5
or ENGL 1AH	HONORS COMPOSITION & READING	
or ESLL 26	ADVANCED COMPOSITION & READING	
or equivalent		
AHS 52	MEDICAL TERMINOLOGY (or equivalent)	4

¹ Must be completed with a minimum GPA of 2.5.

Associate Degree Requirements

Code	Title	Units
English Proficiency		
Select one of the following:		
ENGL 1A	COMPOSITION & READING	5
ENGL 1AH	HONORS COMPOSITION & READING	5
ENGL 1S & ENGL 1T	INTEGRATED COMPOSITION & READING and INTEGRATED COMPOSITION & READING	8
ESLL 26	ADVANCED COMPOSITION & READING	5
or equivalent		
Mathematics Proficiency		