



SPRING 2025

AD HOC REPORT

BACHELOR OF APPLIED SCIENCE IN DENTAL HYGIENE

Submitted March 1, 2025

By Shoreline Community College

To the Northwest Commission on Colleges and Universities

Table of Contents

INTRODUCTION	3
IMPLEMENTATION STATUS	5
Educational Offering.....	6
Resources and Capacity	7
Budget and Enrollment.....	8
CONCLUDING STATEMENT	11
APPENDIX	13



INTRODUCTION

Spring 2025 Ad Hoc Report

In April 2023, Shoreline Community College (SCC) submitted a substantive change proposal for the Bachelor of Applied Science in Dental Hygiene (BAS DH) degree program. In response, the College received an [Action Letter](#) from the Northwest Commission on Colleges and Universities (NWCUU), dated May 31, 2023, stating that:

“Following the recommendation of the peer review panel, the Executive Committee of the Northwest Commission on Colleges and Universities’ (NWCCU) Board of Commissioners approved the request from Shoreline Community College to add a new degree level (bachelor of applied science) and new degree program (Bachelor of Applied Science in Dental Hygiene) effective May 31, 2023. Accordingly, this change is now included under the accreditation of Shoreline Community College.”

The May 31, 2023 letter also stated that:

“There will be a required ad hoc report without a visit associated with the new degree level and degree program. This report will address the effectiveness of program implementation and any changes in implementation from the submitted program proposal. This report will be due in spring 2025.”

This Ad Hoc Report provides the Commission’s requested information on the effectiveness of the BAS DH program’s implementation and any changes from the submitted proposal. The new degree was implemented by the College on July 1, 2024, enrolling a cohort of students who began at the Junior level in Fall 2024 and will graduate in June 2026. Subsequent cohorts will begin at the first-year level. The bachelor-level program began on September 16, 2024, with a Fall 2024 one-credit course: DENHY 100 Introduction to Dental Hygiene Education. This course ran September 16 - 24, 2024. The student cohort then began a full course load for Fall Quarter 2024.

There have been no major institutional changes that have impacted program implementation since the approval of the program.



IMPLEMENTATION STATUS

Spring 2025 Ad Hoc Report

Educational Offering

Program Name: There have been no changes to what was proposed in the substantive change application regarding the program name.

Program Credits: There has been one change in program credits. The total number of core program credits was reduced by one credit from the original substantive change application, bringing the total from 119 down to 118 credits. This credit change was the result of a change to one course, DENHY 305 Principles of Research in Health-Related Systems, reducing it from three credits to two credits.

As originally proposed, the program added only one credit to the existing Associate of Applied Arts and Sciences in Dental Hygiene (AAAS DH) degree in order to create the BAS DH degree option. As planned, the core program courses underwent restructuring, including combining some courses, to present content more efficiently and better align with industry standards. This restructuring eliminated some courses and added two new courses, DENHY 100 and DENHY 305. The result was a total of 119 core program course credits, as outlined in the substantive change application. For clarity, please see Appendix A for the full list of program courses and credits.

In the course restructuring process, however, one credit change was made, reducing the total number of core program credits from 119 to 118. The credit load for one of the two new courses was reduced from the proposed three credits to two credits. DENHY 305 was initially planned as a three-credit course. Program faculty decided, after curriculum development work, to reduce the number of credits to two, for these reasons:

- DENHY 305 leads into a series of courses, and some of the original DENHY 305 curriculum was removed from the course and incorporated into another course: DENHY 471 Community and Public Health Dentistry I.
- DENHY 305 is offered during Summer Quarter, which is just eight weeks long (compared to the eleven-week quarters the rest of the academic year). During Summer Quarter, Dental Hygiene courses are condensed to three days per week, Monday-Wednesday, which allows program students time to work on Thursdays and Fridays. Reducing DENHY 305 from three to two credits allowed the program to maintain three days of instruction per week during Summer Quarter. Administrative approval for this change in credits is currently in progress and is on track to be finalized before Summer Quarter 2025.

Methods of Delivery: There have been no changes made to the method of delivery from the proposal. As planned, the mode of delivery for approximately 50% of instruction (the didactic portion) is a hybrid of face-to-face and synchronous interactive online delivery of education. All laboratory and clinical curriculum are offered face-to-face and account for the other 50% of the curriculum. The Canvas learning management system continues to be used to support didactic, laboratory, and clinical instruction.

Program Learning Outcomes: There have been no changes made to the program learning outcomes (PLOs). After successful completion of the BAS DH program, students will be able to:

- Remove calculus and plaque (hard and soft deposits) from teeth
- Teach patients how to maintain healthy teeth and gums through proper oral hygiene
- Counsel patients concerning the role of good nutrition in oral health maintenance
- Apply cavity preventive agents such as fluoride and sealants
- Make impressions of patients' teeth for study models used in the evaluation of treatment options
- Place and finish dental restorations (fillings)
- Examine patients using appropriate screening procedures
- Expose and develop radiographs and
- Administer local anesthetic injections and nitrous oxide sedation.

Program learning outcomes will start to be assessed during Spring 2025, so there are no findings to report at this time. In Spring 2025, the BAS DH program will assess these three program learning outcomes:

- Remove calculus and plaque (hard and soft deposits) from teeth
- Teach patients how to maintain healthy teeth and gums through proper oral hygiene and
- Counsel patients concerning the role of good nutrition in oral health maintenance.

The following year (academic year 2025-26), the BAS DH program will assess the next three program learning outcomes:

- Apply cavity preventive agents such as fluoride and sealants
- Make impressions of patients' teeth for study models used in the evaluation of treatment options and
- Place and finish dental restorations (fillings).

The BAS DH program will complete the PLO assessment cycle in academic year 2026-27 by assessing the remaining learning outcomes:

- Examine patients using appropriate screening procedures and
- Expose and develop radiographs.

Resources and Capacity

Student Services: According to Ryan Aiello, Vice President of Student Services, the new BAS DH degree has not increased demand for the College's student services. The full range of student services still is available to support all Shoreline students, including Dental Hygiene students. The new BAS DH cohort added just five students, an increase which has not necessitated changes to existing student services in order to accommodate those students' needs.

Facilities and Equipment: The facilities and equipment described in the original proposal continue to be available and utilized. In addition, the program has added another instructional site: the Community Health Center (CHC) of Snohomish County in Everett, Washington. The request to add this other instructional site was approved by the NWCCU on October 29, 2024. Shoreline has had a long-standing partnership with the CHC and the expansion of that partnership to include CHC as a major site for the Dental Hygiene program will allow students to meet clinical requirements, competency assessment, and summative assessments at that location. Starting in quarter four, existing Shoreline second-year clinical faculty will rotate through CHC with a group of five students, providing student supervision, instruction, and assessment in the same manner as is provided at Shoreline’s Dental Hygiene Clinic located at the other site: the University of Washington (UW) School of Dentistry.

The rotation through CHC as a major site will occur each Monday during quarters four through seven. Adding CHC as a major site allows the Shoreline Dental Hygiene program to increase the cohort size with less impact on clinical space needs at the UW School of Dentistry.

Faculty and Staff: Qualified faculty and staff for the program were in place prior to the start of the new degree. All necessary faculty and staff for the BAS DH program already were part of the Dental Hygiene department and remain so. All faculty who currently teach didactic or theory courses have Master’s or higher-level degrees, as described in the proposal. One of these faculty members, who taught in the program through Winter 2025, will be leaving the College. The College already has approved a ProRata faculty replacement position for the remainder of this academic year and then a replacement tenure-track position beginning Fall 2025 going forward.

Budget and Enrollment

Enrollment: The projected enrollment for the program was based on approval from the Commission on Dental Accreditation (CODA) to increase enrollment from fifteen to twenty students per cohort. CODA approved the request to increase to a cohort size of twenty students. The 2024-25 BAS DH cohort has twenty students (see Table 1), so the program is right on target.

Table 1. Actual and Projected Enrollments

Enrollment				
	FY 0 2023-24		FY 1 2024-25	
	Predicted	Actual	Predicted	Projected
New enrollments - FTE	16.75	18	18.17	24.67
New enrollments - Headcount	15	15	20	20
Enrollment from existing programs - FTE	16.67	21	16.13	19.6

Enrollment from existing programs – Headcount	15	15	15	14
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Budget: Projected and actual budget values for the BAS DH program varied slightly, but without a significant gap between revenues and expenditures. See Table 2 for details:

Table 2. Actual and Projected Revenues and Expenditures

Revenues and Expenditures				
	FY 0 2023-24		FY 1 2024-25	
	Predicted	Actual	Predicted	Projected
Revenue				
Institution funds	\$1,010,727	\$925,939	\$1,004,293	\$1,048,533
New tuition from increased enrollment	\$0	\$0	\$143,853	\$35,606.50
Student fees	\$134,115	\$218,266.25	\$160,645	\$247,384.37
TOTAL Revenue	\$1,144,842	\$1,144,205	\$1,308,791	\$1,295,917
Personnel Expenditures				
Faculty (full time)	\$363,000	\$251,379.37	\$370,307	\$247,766.35
Adjunct faculty	\$210,900	\$275,953.97	\$256,470	\$314,474.78
Research personnel (Library)	\$0	\$0	\$18,750	\$18,750
Directors/Administrators	\$56,169	\$80,602.45	\$57,292	\$79,443.97
Administrative support	\$114,306	\$157,852.51	\$116,592	\$107,251.39
Fringe benefits	\$260,533	\$264,398.54	\$321,954	\$258,580.22
TOTAL Personnel Expenditures	\$1,004,914	\$1,030,186.84	\$1,141,365	\$1,026,266.71
Operating Expenditures				
Travel	\$0	\$4,685.42	\$3,000	\$4,685.42
Professional services	\$0	\$0	\$3,000	\$3,000
Other services: Curriculum Day	\$5,000	\$0	\$0	\$5,360
Materials & Supplies	\$133,928	\$224,255.87	\$160,426	\$225,188.63
Marketing/outreach materials	\$1,000	\$0	\$1,000	\$1,000
TOTAL Operating Expenditures	\$139,928	\$228,941	\$167,426	\$235,234
Capital Outlay				
Library resources	\$5,000	\$558.63	\$5,000	\$245

Equipment	\$0	\$2375.91	\$0	\$2,950
TOTAL Capital Outlay	\$5,000	\$2,935	\$5,000	\$3,195



CONCLUDING STATEMENT

Spring 2025 Ad Hoc Report

The new BAS DH degree was implemented successfully by the College, with the first cohort of twenty students enrolling in Fall 2024. This cohort is on track to complete the degree in Spring 2026; the next cohort is expected to begin in Fall 2025.

Going forward, the program will continue to support the 2024-26 student cohort, while also conducting outreach efforts to recruit and enroll students for future cohorts. The program's goal is to enroll new cohorts of twenty students each Fall, and to support them through completion of the bachelor's degree.

There is a plan for robust program learning outcomes assessment that will start in Spring 2025; all courses within the program will be reviewed on a five-year cycle to ensure that course and program learning outcomes continue to align with professional standards and accurately reflect classroom practice.



APPENDIX

Spring 2025 Ad Hoc Report

Appendix A

Bachelor Applied Science in Dental Hygiene Program Courses and Credits

Years 1 and 2: Program Prerequisites (70 credits)	
ENGL& 102	Composition II: Reasoning/Research/Writing
CMST& 101 or CMST& 220	Introduction to Communication or Public Speaking
PSYC& 100	General Psychology
MATH& 146 or higher	Introduction to Stats
BIOL& 211	Majors Cellular: Biology
BIOL& 241	Human Anatomy & Physiology I
BIOL& 242	Human Anatomy & Physiology II
BIOL& 260	Microbiology
CHEM& 121	Intro to Chemistry
CHEM& 131	Introduction to Organic/Biochemistry
NUTR& 101	Nutrition
Years 3 and 4: Dental Hygiene Core Requirements (118 credits)	
Year 3 - Summer Quarter: 1 credit	
DENHY 100	Introduction to Dental Hygiene Education
Year 3: Fall Quarter: 18 credits	
DENHY 200	Head and Neck Anatomy
DENHY 201	Histology/Embryology
DENHY 202	Principles of General Pathology and Systemic Disease
DENHY 210	Dental Radiology
DENHY 220	Clinical Dental Hygiene and Fundamentals I
DENHY 240	Process of Care I
Year 3: - Winter Quarter: 18 credits	
DENHY 311	Dental Radiology
DENHY 312	Dental Anatomy and Morphology
DENHY 315	Pain Control I
DENHY 320	Medical Emergencies
DENHY 322	Clinical Dental Hygiene II
DENHY 342	Process of Care II
DENHY 351	Electronic Health Records I
Year 3 - Spring Quarter: 17.5 credits	
DENHY 314	Oral Pathology
DENHY 323	Clinical Dental Hygiene III
DENHY 330	Pharmacology
DENHY 343	Process of Care III
DENHY 361	Periodontology I

DENHY 380	Theory of Restorative Dentistry
DENHY 381	Restorative Dentistry I
Year 4 - Summer Quarter: 13.5 credits	
DENHY 305	Principles of Research in Health-Related Systems *Revised from 3 credits to 2 credits
DENHY 324	Clinical Dental Hygiene IV
DENHY 340	Ethics and Jurisprudence
DENHY 344	Process of Care IV
DENHY 362	Periodontology II
DENHY 382	Restorative Dentistry II
Year 4 - Fall Quarter: 20 credits	
DENHY 360	Special Populations
DENHY 415	Pain Control II
DENHY 421	Clinical Dental Hygiene V
DENHY 431	Advanced Dental Hygiene Theory V
DENHY 461	Periodontology III
DENHY 471	Community and Public Health Dentistry I
DENHY 481	Restorative Dentistry III
DENHY 482	Restorative Dentistry Preclinic and Clinic I
Year 4 - Winter Quarter: 15 credits	
DENHY 422	Clinical Dental Hygiene VI
DENHY 432	Advanced Dental Hygiene Theory VI
DENHY 472	Community and Public Health Dentistry II
DENHY 478	Extramural Clinic I
DENHY 483	Restorative Clinic II
Year 4 - Spring Quarter: 15 credits	
DENHY 423	Clinical Dental Hygiene VII
DENHY 433	Advanced Dental Hygiene Theory VII
DENHY 470	Successful Skills for Careers in Dental Hygiene
DENHY 473	Community Dental Health Project
DENHY 484	Restorative Clinic III
DENHY 488	Extramural Clinic II
TOTAL	70 pre-requisite credits + 118 core course credits = 188 credits