

DENTAL HYGIENE (DHYG)

DHYG 1105 Credits: 3

Intro Dental Hyg. Profession Total Hours: 45

This course introduces the fundamental legal and ethical principles and codes of professional conduct expected of self-regulating dental hygiene professionals. It also introduces students to the dental hygiene scope of practice, national practice standards, governance structure and contemporary roles of professional dental hygiene practice. Students will also develop the habits of mind essential to evidence-based practice, continuing competence and lifelong learning.

DHYG 1202 Credits: 6

Oral Health Sciences 1 Total Hours: 96

This course enables the student to develop foundational knowledge of dental terminology and nomenclature, and to integrate knowledge of anatomy, physiology, embryology, histology and dental morphology as it relates to human function and health.

DHYG 2114 Credits: 7.5

Dental Hygiene Care 1 Total Hours: 141

This course is designed to provide learners with theoretical knowledge required for novice clinical dental hygiene practice. Emphasis will be placed on infection prevention and control, client assessment, instrumentation skills, preventive dentistry, and radiology. Instructional strategies such as laboratory and clinical work are utilized to support learning. This course is part of the full time Dental Hygiene Diploma program.

DHYG 2124 Credits: 6.5

Clinical Foundations Total Hours: 172

This introductory course facilitates the learner's integration of foundational knowledge and the development of attributes and clinical skills essential for novice clinical dental hygiene practice. Emphasis is placed on critical thinking, decision-making, psychomotor skills, interpersonal communication, and professionalism in the clinical context. This course is part of the full time Dental Hygiene Diploma program.

DHYG 2134 Credits: 6

Professional Practice 1 Total Hours: 100

This course introduces theoretical models and constructs that inform dental hygiene practice. It will assist learners in gaining foundational knowledge, attitudes, values, and abilities pertaining to professionalism, communication, and evidence-based decision making, while recognizing the social determinants of health relevant to dental hygiene practice. This course is part of the full time Dental Hygiene Diploma program.

DHYG 2144 Credits: 7

Oral Health Sciences 1 Total Hours: 111

This course is designed to assist learners to learn dental terminology and nomenclature, and integrate knowledge of anatomy, physiology, embryology, histology, and dental morphology of the head and neck region as it relates to human function and health. This course is part of the full time Dental Hygiene Diploma program. Prior Learning Assessment is available.

DHYG 2214 Credits: 8.5

Dental Hygiene Care 2 Total Hours: 144

This course will assist learners in gaining knowledge and experience providing oral health education, oral health promotion, and radiographic services. Learners will gain further knowledge about professionalism, communication and collaboration strategies, and principles of client advocacy relevant to dental hygiene practice. This course is part of the full time Dental Hygiene Diploma program.

Pre-requisite(s): DHYG 2114

DHYG 2224 Credits: 8.5

Clinical Practice 1 Total Hours: 255

This course will provide the learner with the opportunity to build on foundational knowledge and continue to develop psychomotor skills while providing clinical dental hygiene services to clients and practicing as a member of an oral health team. Emphasis will be placed on the integration of evidence-based decision making into dental hygiene practice, which includes the recognition of client values and the influence of social determinants of health on oral and general health. Learners provide dental hygiene care for clients from a novice to a beginner level by the end of the course. This course is part of the full time Dental Hygiene Diploma program.

Pre-requisite(s): DHYG 2124

DHYG 2303 Credits: 6

Dental Hygiene Theory 1 Total Hours: 90

This course enables students to develop foundational theoretical knowledge required for the clinical learning environment in the Dental Hygiene Practice 1 course. The focus is on infection prevention, client assessment, basic instrumentation skills, preventive dentistry and dental radiology.

DHYG 2304 Credits: 6

Dental Hygiene Practice 1 Total Hours: 156

This course enables students to apply theoretical knowledge and acquire psychomotor skills essential for novice clinical dental hygiene practice while working with manikin simulation and student partners. The focus is on infection prevention, client assessment, instrumentation skills, preventive dentistry, radiology, and self-assessment.

DHYG 2305 Credits: 3

Professional Practice 1 Total Hours: 45

This course will assist students with communication strategies needed to interact effectively with individuals and groups from diverse backgrounds, and to demonstrate self-management and self-regulation in oral health and interprofessional settings within the parameters of relevant legislation, codes of ethics and practice standards.

DHYG 2402 Credits: 9

Oral Health Sciences 2 Total Hours: 138

In this course students continue to build foundational knowledge and understanding of oral health science concepts related to their integration into clinical dental hygiene services, oral health promotion and disease prevention. Topics focus on periodontology, oral microbiology and immunology, and pharmacology specific to the management of orofacial pain.

DHYG 2403 Credits: 8

Dental Hygiene Theory 2 Total Hours: 129

This course enables students to expand their theoretical knowledge and skills essential for the roles of clinical therapy, oral health education and health promotion in dental hygiene practice. The focus is on the process of care, including client assessment, diagnosis, planning, implement and evaluation.

DHYG 2404 Credits: 9**Dental Hygiene Practice 2 Total Hours: 225**

This course enables students to apply theoretical knowledge, interprofessional theories, research and evidence to support dental hygiene judgments and services, and continue to develop psychomotor skills while providing clinical dental hygiene services to clients and practicing within an oral health care team. The focus is on the integration of evidence-based decision-making into dental hygiene practice, which includes the recognition of client values and the influence of social determinants on oral and general health.

DHYG 3244 Credits: 8.5**Oral Health Sciences 2 Total Hours: 156**

This course will assist learners in gaining knowledge about the relationship between health and disease of the oral tissues. Particular emphasis will be placed on oral pathology, immunology, microbiology, periodontology, and associated treatment modalities. This course is part of the full time Dental Hygiene Diploma program.

Pre-requisite(s): DHYG 2144

DHYG 3254 Credits: 9.5**Health Sciences Total Hours: 165**

This course will provide learners with knowledge and experience integrating concepts of biomaterials, pharmacology, and nutrition related to oral and general health for the provision of dental hygiene services. This course is part of the full time Dental Hygiene Diploma program.

DHYG 3314 Credits: 8**Dental Hygiene Care 3 Total Hours: 134**

This course will enable the learner to further develop knowledge, skills and attitudes for the provision of dental hygiene care. An exploration of areas of professional responsibility, the integration of critical thinking and advanced periodontal strategies, and concepts of evaluation will prepare the learner for the provision of care and advocacy for clients with complex needs and individuals from vulnerable populations throughout the lifespan. This course is part of the full time Dental Hygiene Diploma program.

Pre-requisite(s): DHYG 2214

DHYG 3324 Credits: 6.5**Clinical Practice 2 Total Hours: 195**

This course provides learners the opportunity to further develop knowledge and skills in providing dental hygiene care for clients while working as members of oral health and inter-professional teams. The provision of clinical dental hygiene services for clients with diverse needs, while recognizing client values and the influence of social determinants of health, enable learners to progress from novice to competent clinicians by the end of this course. This course is part of the full time Dental Hygiene Diploma program.

Pre-requisite(s): DHYG 2224

DHYG 3364 Credits: 7**Community Foundations Total Hours: 114**

This course offers learners the opportunity to develop knowledge, skills, and attitudes in population health strategies and principles that enable individuals and communities to improve their health and well-being. There is a focus on program planning, population health, community capacity building, elements of instruction, selection of instructional methodology, and evaluation of learning. This course is part of the full time Dental Hygiene Diploma program.

DHYG 3424 Credits: 9**Clinical Practice 3 Total Hours: 270**

This course offers learners the opportunity to further expand their knowledge, skills, attitudes and experiences in the provision of dental hygiene care while practicing as part of intra- and inter-professional health teams. Learners integrate multiple concepts, models and theories into the planning and evaluation of dental hygiene services for complex clients and clients representing vulnerable populations. Learners progress from a beginner to a competent practitioner in preparation for entry-to-practice by the end of the course. This course is part of the full time Dental Hygiene Diploma program.

Pre-requisite(s): DHYG 3324

DHYG 3434 Credits: 8.5**Professional Practice 2 Total Hours: 159**

This course enables learners to synthesize knowledge, skills and attitudes for integration and transition into varied dental hygiene practice settings in preparation for the responsibility and accountability of self-regulating dental hygiene practice. This course is part of the full time Dental Hygiene Diploma program.

Pre-requisite(s): DHYG 2134

DHYG 3503 Credits: 8**Dental Hygiene Theory 3 Total Hours: 114**

This course enables the student to further develop their knowledge, skills, beliefs and attitudes in the provision of dental hygiene care for all individuals throughout their life stages, with special regard to caring for individuals with diverse and medically complex needs. The focus is on the integration of critical thinking and linking theory to practice to enable the learner for more complex decision making in dental hygiene practice.

DHYG 3504 Credits: 5**Dental Hygiene Practice 3 Total Hours: 115**

This course enables students to further synthesize and apply knowledge, skills, beliefs and attitudes in the provision of dental hygiene care while working as members of oral health and interprofessional teams. Learners will integrate critical thinking and decision making throughout the dental hygiene process of care to meet the needs of clients through the life stages, including clients with diverse and medically complex needs. The focus is on oral health education, health promotion, disease prevention and clinical therapy to enable people to achieve optimal oral health and overall health and wellness.

DHYG 3505 Credits: 3**Professional Practice 2 Total Hours: 45**

This course enables students to gain further knowledge, skills and attitudes required for organizing complex undertakings that involve accessing resources, working effectively with other oral health care professionals to support the needs and improve health outcomes for the individual client. The focus will be on interprofessional collaboration and effective organization of overall client care including coordinating oral health services and managing referrals to the appropriate qualified individuals and/or community resources.

DHYG 3506 Credits: 6**Population Health Promotion 1 Total Hours: 100**

This course enables students to develop and apply foundational knowledge, skills and attitudes in population and public health principles and strategies to a novice level that enable individuals, groups, communities and populations to improve their health and well being and reduce inequities. Students apply this foundational knowledge in case-based learning, campus-based peer teaching and learning, and authentic community-based experience.

DHYG 3603 Credits: 5**Dental Hygiene Theory 4 Total Hours: 85**

This course enables students to integrate advanced knowledge and attitudes for the provision of dental hygiene care. The focus is on complex decision making throughout the process of care to meet client needs. Learners will explore decision making related to management of therapeutic and ongoing supportive services for clients, including clients with diverse and medically complex needs.

DHYG 3604 Credits: 4**Dental Hygiene Practice 4 Total Hours: 100**

This course builds on prior knowledge, skills, beliefs and attitudes in the management of therapeutic and ongoing supportive dental hygiene services. The student experiences dental hygiene practice as part of intra-and interprofessional health teams. Utilizing critical thinking and decision making abilities, learners integrate and apply multiple concepts, models, and theories throughout the process of care. The focus is on the management and evaluation of therapeutic and ongoing supportive dental hygiene services for all individuals in diverse contexts with an emphasis on oral health education, health promotion, disease prevention and clinical therapy.

DHYG 3605 Credits: 3**Professional Practice 3 Total Hours: 45**

This course prepares students for transition into self-regulating dental hygiene practice, and aligns with regulatory, professional, and ethical responsibilities necessary for successful practice management as a registered dental hygienist (RDH) will be applied in learning activities. This course also focuses on integration of the basic principles of business management including business ethics, economics, marketing, and entrepreneurship into the practice setting.

DHYG 3606 Credits: 6**Population Health Promotion 2 Total Hours: 110**

Building on DHYG 3506 this course enables students to further develop and apply knowledge, skills, attitudes in population and public health principles and strategies at an advanced beginner level within authentic experiences in community-based settings to enable individuals, families, and communities to improve their health and well-being and to reduce inequities. Students work in teams using theoretical frameworks to assess, diagnose, plan, implement and evaluate community programming and table clinic presentation.

DHYG 4344 Credits: 6.5**Oral Health Sciences 3 Total Hours: 105**

This course will provide learners with the opportunity to gain knowledge of dental specialties, the impact of periodontal conditions and pharmacological agents on oral and systemic health and the role of the dental hygienist in inter-professional collaboration along with appropriate and timely referral within the community. Application of knowledge will relate to provision of dental hygiene care and appropriate and timely referral to the community to promote and advocate for health and well-being of clients. This course is part of the full time Dental Hygiene Diploma program.

Pre-requisite(s): DHYG 3244

DHYG 4414 Credits: 8**Dental Hygiene Care 4 Total Hours: 130**

This course enables learners to integrate advanced knowledge and skills in clinical therapy, radiographic analysis, pathological findings and the social determinants of health into informed dental hygiene care for clients with diverse needs. This course is part of the full time Dental Hygiene Diploma program.

Pre-requisite(s): DHYG 3314

DHYG 4464 Credits: 8.5**Community Practice Total Hours: 190**

This course assists learners in acquiring knowledge, skills, attitudes and experience to a competent level for developing, implementing and evaluating community health programs and policy development while building capacity for the public and other health professionals. This course is part of the full time Dental Hygiene Diploma program.

Pre-requisite(s): DHYG 3364

DHYG 4705 Credits: 3**Professional Practice 4 Total Hours: 45**

This course provides students with an opportunity to explore professional practice issues in depth and help define the leadership role that dental hygiene practitioners can take to facilitate positive change and innovation within in diverse practice settings and organizations. This course focuses on developing leadership, self-management and self-regulation abilities within the parameters of relevant legislation, codes of ethics and practice standards for the purposes of promoting the profession while protecting and improving public health and wellness.

DHYG 4706 Credits: 4.5**Population Health Promotion 3 Total Hours: 90**

This course enables students to build on knowledge, skills, and attitudes required in population and public health within authentic inter-professional and community-based settings. Learners work in teams using theoretical frameworks for inter-professional programming and social marketing to improve health and well being of vulnerable populations.

DHYG 4707 Credits: 3**Research 1: Methodology Total Hours: 63**

This course enables students to develop foundational research principles to design a research proposal that contributes to and informs the knowledge base of dental hygiene practice. This includes understanding various research methodologies, research ethics principles, how to navigate efficiently through diverse resources and databases, procedures for data collection and data analysis. Students will practice developing focused and meaningful questions about practice issues impacting the way dental hygiene services are provided. This course prepares learners to engage in implementation of their research proposal in the Research 2 course.

DHYG 4708 Credits: 4**Integrated D.Hyg. Practice 1 Total Hours: 85**

In this course the student will develop a self-directed plan for alternative/ interprofessional collaborative practice in an area of personal interest and in preparation for the Integrated Dental Hygiene Practice 2 course. This course enables students to apply the essential knowledge, skills, and attitudes required in the provision of primary dental hygiene care (related to health promotion, disease prevention, oral health education, advocacy, policy use and clinical therapy) within the parameters of relevant legislation, codes of ethics and practice standards.

DHYG 4806 Credits: 6**Population Health Promotion 4 Total Hours: 120**

This course enables students to apply and evaluate their knowledge, skills, attitudes in population and public health promotion within authentic governmental, non-profit, inter-professional and / or community-based settings. In this course, students seek out a community partnership and implement and evaluate a social marketing campaign for social change related to improvement of oral health, increasing access to oral health services and reducing health inequities in vulnerable populations.

DHYG 4807 Credits: 4

Research 2: Application Total Hours: 70

This course enables students to apply research principles to implement a research proposal that contributes to and informs the knowledge base of dental hygiene practice. This includes applying various research methodologies and research ethics principles to identified practice issues that would benefit from further exploration and systematic inquiry. This course engages learners in applied research via implementation of their research proposal previously developed in the Research 1 course.

DHYG 4808 Credits: 4.5

Integrated D. Hyg. Practice 2 Total Hours: 97

In this course the student will implement and evaluate their practice in an alternative/interprofessional collaborative practice setting with the guidance of a mentor chosen by the student and in consultation with the course instructor. This course follows the Integrated Dental Hygiene Practice 1 course and requires licensure and registration with the College of Dental Hygienists of British Columbia (CDHBC) for the purposes of providing primary care dental hygiene services utilizing strategies of health promotion, disease prevention, oral health education, advocacy, policy use and clinical therapy.

DHYG 4809 Credits: 3

Indep. Practice & Entrepreneur Total Hours: 45

This course provides an introduction to basic business concepts as they relate to being an independent owner and operator of a dental hygiene practice. The course focuses on initial business start-up, on-going practice and continuous improvement of an independently-owned dental hygiene practice. Key concepts include small business administration, financial planning, business planning, marketing, quality assurance, and practice management within the parameters of relevant legislation, codes of ethics and practice standards.