

B.A.S. in Dental Hygiene Degree Completion

Course Pathway

Program Objectives:

1. Compare and contrast current and emerging issues and trends facing the profession of dental hygiene today.
2. Apply critical thinking to explain issues, provide evidence, analyze assumptions, define perspective, and evaluate decisions.
3. Effectively utilize various learning strategies to communicate information and ideas to diverse populations.
4. Design and implement best practices to facilitate effective education and career development.
5. Demonstrate the ability to problem solve effectively utilizing evidence-based strategies and decision-making processes.
6. Engage in interprofessional collaborative care and connect learning to personal experience.

	Course Number	Course Title	Credit Hours	Course Description	Learning Objectives
First Semester	DEH 3026	Oral Health Promotions	3	Focuses on the assessment of oral health needs and issues of designated populations, recommended strategies to meet those needs along with advanced concepts involving risk reduction, health literacy strategies, and epidemiology.	<ol style="list-style-type: none"> 1. Differentiate between the various roles of a public health dental hygienist including oral health educator, client advocate, oral health policy advocate, and oral health resource professional. 2. Apply the concept of health literacy and risk reduction to oral health and public health education. 3. Debate risk and associated strategies while emphasizing techniques implemented in a public oral health setting. 4. Analyze oral health policy and the direct effects of oral health policy on community health centers, program plans, and implementation of new oral health services. 5. Evaluate current federal and state financing systems used in public health settings including Medicaid, Medicare, TRICARE and Veterans' Affairs financing systems, Childs Health Plan Plus (CHP+), and Colorado Indigent Care Program (CICP). 6. Assess community populations at risk for poor oral health using statistical and epidemiological factors for evaluation.

				<ol style="list-style-type: none"> 7. Evaluate community program plans using applicable statistics and epidemiologic data to address risks including all steps necessary for implementation, conduction, and evaluation. 8. Determine necessary planning, implementation, and evaluation steps to reduce oral health risk with development of a community dental health or education program.
DEH 3043	Principles of Conflict Resolution	3	Studies the principles of conflict resolution as it relates to the profession of dental hygiene. Students will learn the strategies available for resolving conflicts with peers, team members, patients, and employers. Students will reflect on their own strategies for resolving conflicts based on practical experiences.	<ol style="list-style-type: none"> 1. Describe and evaluate the major causes of conflict in the profession of dental hygiene. 2. Compare and contrast how conflict in the dental profession differs from other healthcare professions. 3. Investigate and collaborate on techniques that may be useful in resolving conflicts and diffusing aggressive behaviors. 4. Analyze and describe your individual conflict management style and determine its effectiveness to this point
DEH 3047	Dental Hygiene Business Administration	3	Examines the intricacies of business including accounting, finance, marketing, and management with special emphasis on dental and dental hygiene practice issues, business planning and ethical considerations.	<ol style="list-style-type: none"> 1. Formulate a plan to manage and operate a small business. 2. Interpret the Colorado Dental Practice Act in relation to independent dental hygiene practice and practice ownership. 3. Discuss the legal and ethical issues in small business dental/dental hygiene operations. 4. Examine the principles of accounting, finance, management and marketing for small business. 5. Discuss various business software packages available for small business accounting. 6. Evaluate financial concepts in real-world business situations. 7. Develop strategies for managing, motivating, and engaging employees. 8. Assess skills in communication and interpersonal relations for application in small businesses management.

					9. Design approaches to brand equity and build customer relationships.
HPR 4003	Critical Review of Healthcare Research	3	Covers the identification, evaluation, and analysis of scientific published literature necessary to identify healthcare best practices, the formulation of research for clinical questions for effective participation in healthcare discussions and evidence-based decision-making.		<ol style="list-style-type: none"> 1. Discuss the differences between the various types of healthcare literature. 2. Discuss the ethical considerations in research and the role of government agencies, health care institutions, and private entities. 3. Employ appropriate medical databases to conduct focused literature searches, using controlled parameters. 4. Compare research designs to determine the appropriate research method to obtain valid and reliable results for a given hypothesis. 5. Analyze the components of evidence-based medicine (EBM) to formulate therapeutic interventions. 6. Construct clinical questions using a research methodology format for Population, Intervention, Comparison, Outcome (PICO). 7. Evaluate healthcare research components including the hypothesis, main results, conclusions, and applicability to clinical practice. 8. Employ basic concepts of epidemiology, statistics, and hypothesis testing to critically evaluate healthcare research. 9. Evaluate how clinical practice standards and guidelines are developed and modified. 10. Perform critical analysis of published research in reference to a clinical research project.

Second Semester

Course Number	Course Title	Credit Hours	Course Description	Learning Objectives
DEH 4002	Diversity & Cultural Research	3	Examines knowledge, beliefs, and behaviors that influence healthcare choices and become barriers to healthcare services by creating cultural competence with a positive effect on patient care delivery and acceptance of treatment.	<ol style="list-style-type: none"> 1. Examine the foundations of diversity and multicultural competence. 2. Interpret ways in which diversity plays a role in the delivery and acceptance of treatment from health care providers, specifically dental professionals. 3. Summarize ways in which diverse populations may require different behavior or boundaries from clinicians. 4. Develop ideas and new approaches to use in a multicultural context for the delivery of differing types of dental treatment modalities. 5. Develop effective treatment plans and oral health educational plans that are respectful of and responsive to the needs of diverse patients. 6. Deliver treatment plans and oral health educational plans that are respectful of and responsive to the needs of diverse patients. 7. Defend the roll of cultural competence in reducing health disparities and improving access to high quality health care.
DEH 4071	Advanced Pharmacology	4	Provides the student with current research application of pharmacology as it relates to the oral manifestations and complications of associated drugs. Students will investigate the effects, oral implications, treatment considerations and contraindications for the management of patient care. This course will study the most frequently used drugs by patients today and determine the overall impact on oral health.	<ol style="list-style-type: none"> 1. Investigate and prepare a paper using current scientific literature to determine the most commonly used drugs in the dental profession. 2. Discover and determine the effects, oral implications, treatment considerations and contraindications

				<p>of the most commonly used drugs in dentistry.</p> <ol style="list-style-type: none"> 3. Compare and contrast drug classifications, generic names, over-the-counter drugs, herbal supplementation, and the impact for treatment. 4. Considering state practice law, determine the drugs that can be prescribed by hygienist and the process for writing and tracking prescriptions. 5. Formulate and apply knowledge to prepare a project on a pharmacologic drug.
DEH 4011	Teaching Methodologies	4	Provides a general overview of the concepts and theory relative to dental hygiene education. Students will be introduced to dental hygiene accreditation standards, outcomes centered objectives, syllabus development, lesson planning, content delivery, test construction and assessing student learning. Students will explore the various learning styles and technology available for delivery of course content.	<ol style="list-style-type: none"> 1. Construct outcome centered learning objectives for a dental hygiene course by incorporating Lumina Foundation and Bloom's taxonomy learning-centered framework. 2. Investigate and illustrate the necessary components of a dental hygiene course syllabus and determine where and how accreditation standards are incorporated. 3. Produce a lesson plan that will be used to deliver a dental hygiene unit lecture. 4. Generate an evaluation tool using previously created objectives to assess student learning. 5. Compare and contrast instructional best practices that promote effective teaching and student learning. 6. Prepare a lecture utilizing various types of technology available for delivery of course content.

	HPR 3001	Communication in Healthcare	3	Develops professional written and oral communication plans to ensure effective patient-centered outcomes between health care professionals, patients, and caregivers.	<ol style="list-style-type: none"> 1. Identify the major factors affecting communication in the health care settings. 2. Formulate adaptive communication skills to enhance patient centered outcomes. 3. Compose an effective communication tool for establishing patient orders and report of patient's status. 4. Develop a communication plan within a team to enhance patient outcomes in both acute and chronic patient management. 5. Create written documents appropriate for an assigned audience, which demonstrate correct use of syntax, grammar, and punctuation. 6. Construct a communication plan with peer review to create a final plan of action for effective communication in the health care setting. 7. Apply concepts of personal space and territoriality to support patient's privacy needs (HIPPA – Health Insurance Portability and Accountability Act). 8. Combine effective communication pathways between health care providers, patients, and care givers to prevent medical errors. 9. Identify the key abilities required for culturally competent communication with patients.

	Course Number	Course Title	Credit Hours	Course Description	Learning Objectives
Third Semester	DEH 4089	Capstone	4	Provides the student an opportunity to participate in a cumulative learning experience that integrates theory and applies previously learned knowledge and skill. The student will design, implement, and evaluate a project related to their specific area of interest.	<ol style="list-style-type: none"> 1. Construct a project proposal that applies knowledge and meets capstone course requirements for a specific area of interest. 2. Create a project that incorporates the planning, implementation, and evaluation of previously determined learning objectives. 3. Participate and demonstrate proficiency in the delivery of the intended project. 4. Demonstrate professional behaviors throughout the project to include ethics, professionalism, responsibility, and effective communication. 5. Critique the overall effectiveness of the learning experience and discuss the direct application to the advancement of career options.

B.A.S. in Dental Hygiene TOTAL 30