

DENTAL HYGIENE PROGRAM

Dental School, Room 415
(816) 235-2050

Academic Standards

Professional education in the health sciences manifests characteristics that are unique among advanced educational programs. Academic Standards of the School of Dentistry are established to ensure that the public, whose health will be entrusted to graduates of its programs, will receive care of professionally acceptable quality and that the care will be provided in an ethical and professional manner.

Course Concern Protocol

Student Concerns: Students who have specific concerns regarding this course should consult first with the course instructor. If this does not result in satisfactory resolution, students may then consult with the course instructor's department chair. Further appeals should be directed to Dr. Melanie Simmer-Beck, Associate Dean for Academic Affairs, Rm 443, simmerbeck@umkc.edu, 816 235 2010. No other procedure will be honored.

Standards of Scholarship

A. A pre-baccalaureate dental hygiene student must maintain at least a 2.5 grade point average each semester in their program. Failure to attain a 2.5 in any semester will result in the student being placed on probation for the next semester. For a semester to count toward removing a student from probation, the student must be enrolled full time - at least five hours in summer or 12 hours in fall or spring.

All students who are placed on probation should review their academic progress with the Associate Dean for Academic Affairs or the Coordinator of Academic Support Services and may be asked to appear before the Academic Standards Committee. A second consecutive semester of a below 2.5 grade point average will result in dismissal from the predoctoral or pre-baccalaureate dental hygiene program. A total of three semesters with GPA's below 2.5 will result in dismissal from the students' program. Two semesters separated by a summer session in which the student is enrolled in less than five graded hours will count as consecutive semesters. Two semesters separated by a leave of absence will count as consecutive semesters.

B. The failure of any course (receiving a grade of F or No Credit) will necessitate additional work to remove or replace the F or No Credit. This will consist of repeating the course the next time it is offered at the School of Dentistry or completion of a remediation plan. The course of action that is offered a student will be determined by the Academic Affairs Dean in consultation with the course director. If a course is repeated at UMKC, the student will receive whatever grade he or she earns in the repeated course. Both grades will appear on the student's transcript and will be included in the student's grade point average. With the approval of the course director, the Academic Affairs Dean may approve a plan to repeat a comparable course at another school. Questions regarding grades for repeated courses should be directed to the Academic Affairs Dean.

If a remediation plan is to be developed, the plan will be developed by the course director with the approval of the Academic Affairs Dean. Remediation plan examples include:

1. Independent study for a number of weeks followed by an examination.
2. Remedial summer laboratory project followed by pre-clinical laboratory examination/s.
3. A series of written exercises followed by an examination.
4. Clinical mentoring followed by competency assessment.
5. Other appropriate instructional assignments

If a student successfully completes a remediation plan his or her grade of F or No Credit will be changed to a grade of D (no credit to credit). Students who, because of remediation, raise their GPA above 2.5 are removed from probationary status. A failure or No Credit in the remediated or repeated course/s will result in dismissal from the program.

A failed course may result in an altered curriculum plan which may result in an extension of the student's academic program. This altered curriculum will be arranged with the approval of the Academic Affairs Dean in consultation with the course director/s. Students who fail (F or NC) more than one course in any semester will be dismissed from their academic program.

C. UMKC has a Latin Honors system of recognition of graduating undergraduate and first professional students. This recognizes those students who, in the opinion of the faculty, have met the Standards of Professional Conduct, as well as the Academic Standards of the School of Dentistry for each program. Effective Fall 2012, the GPA requirements for Latin Honors for dental hygiene students are as follows: Summa Cum Laude: 3.975-4.0 GPA; Magna Cum Laude: 3.950-3.974 GPA; Cum Laude: 3.900-3.949 GPA as of the end of the fourth term of the dental hygiene program. The academic requirements for dental students for Latin Honors are as follows: Summa Cum Laude: graduating in the top 5% of the class; Magna Cum Laude: graduating in the top 6-10%; Cum Laude: graduating in the top 11-20% (based on the GPA at the end of the ninth term of study in the dental program. All dental students so recognized must attain at least a GPA of 3.75 or beyond. This will be noted on the graduate's transcript and diploma.

Attendance

Classroom, Laboratory, and Clinical Courses & Sessions

- A. The faculty of the SOD believe that dependability is an essential characteristic of an oral health care provider. As professional students, attendance at all classroom sessions is expected. Attendance at all laboratory and clinical sessions is mandatory. Tardiness and/or early departure may be considered an absence. Attendance may be a factor in determining grades and the course director establishes the standard for attendance expectations. Standards must be published in the course syllabus and presented to students at the beginning of the term.
- B. "Excused absences" include absences due to illness of the student, illness of an immediate family member that the student must care for, death of an immediate family member, medical issues (such as surgery, injury, pregnancy, etc.), religious observance (where the nature of the observance prevents the student from being present during class), representation of UMKC in an official capacity, National Board examinations and licensing exams (testing dates only), and other compelling circumstances. Students seeking an excused absence must provide documentation upon request to substantiate the excuse. Any absence will not relieve a student of the need to meet all educational requirements including clinical time (experiential) requirements. Students shall undertake appropriate make-up or alternative work to be provided by instructors of the courses in which absences were incurred.
- C. The "Request for Excused Absence" form should be submitted 30 days prior to scheduled absence; if absence is unforeseen the student should email the course instructor, Academic Support Services Coordinator, and Office of Clinical Affairs (if clinic related) along with submitting the form at the earliest availability.
- D. Students will not be given an opportunity to make up an unexcused absence from an examination, and their scores shall be recorded as "0" for a numerically scored exam and "F" for a letter graded examination.
- E. If a didactic instructor mandates course attendance it is their responsibility to determine students who are not in attendance by whichever reasonable method is desired (e.g., assigned seating, student selected seating, pop quizzes, audience response results, minute papers, etc.).
- F. Attendance is mandatory in all preclinical laboratory course and clinic sessions. It is the responsibility of the preclinical laboratory course director(s) and the clinical dean to determine attendance as specified in their syllabus.
- G. If the absences result in a failing grade (F) the student will be expected to satisfactorily complete additional activities (a substantive paper, remediation if indicated, etc.) as determined by the course director(s). The remediation plan is to be submitted to the Office of Academic Affairs.
- H. Absences in excess of those allowed in the clinical courses syllabi will result in failure of the course and may be cause for review by a board consisting of the Associate Dean for Clinical Affairs, the Team Coordinator and Associate Dean for Academic Dean. Excessive or repeated tardiness or early departure will be treated as absence. Continued excessive absences could result in delayed graduation, additional costs, and the need to enroll in additional terms.

Undergraduate

- Bachelor of Science in Dental Hygiene
- Degree Completion Program (<https://catalog.umkc.edu/colleges-schools/dentistry/division-of-dental-hygiene/bachelor-of-science-dental-hygiene/degree-completion-program-requirements/>)

About the Undergraduate Dental Hygiene Program

Dental hygiene is a rapidly growing and increasingly dynamic allied health profession for qualified persons who wish to participate as active members of a health field. Service to mankind is the primary purpose of health professions. The dental hygienist with a baccalaureate degree accomplishes this objective through a variety of challenging and rewarding opportunities.

There is informal evidence that a nine-month dental hygiene program existed at UMKC (then the Kansas City Western Dental College) in 1922-23, as did a one-year program during the '30s. However, concrete documentation indicates that the official program began in 1952.

The program in dental hygiene is accredited by the Commission on Dental Accreditation, a specialized accrediting body recognized by the Council on Post-Secondary Accreditation and the U.S. Department of Education.

The student at UMKC can earn a bachelor of science degree in dental hygiene in two ways. The first alternative offers an opportunity for the student who has completed two academic years of liberal arts pre-requisites at any accredited community/junior college, college or university to matriculate into the entry level clinical dental hygiene program. The second alternative provides for the licensed dental hygienist with a certificate or associate degree an opportunity to earn a baccalaureate degree (degree completion).

D.D.S. Program & B.S.D.H. Entry-Level Program Time Limits (March 2019)

Continuous enrollment is required for D.D.S. and B.S.D.H. entry-level students every semester (fall/spring/summer) from the time of matriculation until degree conferral except for cases with an approved Leave of Absence (as defined in the UMKC SOD Student Handbook).

The normal timeframe for completion of required coursework for the D.D.S. degree is four (4) academic years and two (2) academic years for the B.S.D.H. entry-level degree. In the event of academic and/or personal difficulties, a student may require additional time. In such situations, the Academic Standards Committee may establish a schedule for that student which departs from the norm. Regardless of the rationale for extended time limits, the D.D.S. program must be completed within six (6) years and the B.S.D.H. entry-level program must be completed within three (3) years of initial matriculation.

Failure to complete the work with the periods specified may include but not be limited to reevaluation of the student's entire program and/or notice of dismissal from the School of Dentistry.

Expenses (Basic Preparation)

Approximate expenses for the basic preparation dental hygiene program are listed below. These do not include room and board, expenses for personal items or educational fees.

Instrument rental and supplies (entire program)	\$4,075
Textbooks (entire program)	\$2,663
Uniforms, lab coats, etc. (entire program)	\$ 600
National, regional and state licensure fees	\$1,500
Professional association fee	\$90

Note: Fees are subject to change without notice. An advance deposit of \$100 is required on admission to the program. This payment shall be credited to the student's educational fee upon enrollment. The fee is non-refundable except by special order of the dean of the School of Dentistry and as approved by the director of admissions.

Financial Assistance

In addition to the University's financial aid services, the UMKC Dental Hygienists' Alumni Association (UMKC DHAA) has several scholarship funds and grants for dental hygiene students who are in need of financial assistance and who qualify academically. For more information, see Scholarships and Awards.

Job Opportunities

The major responsibilities of the dental hygienist are preventive in nature. In the private dental office, the dental hygienist may be responsible for providing patient education, exposing and processing dental radiographs, conducting head and neck examinations, as well as providing a thorough oral prophylaxis, non-surgical periodontal therapy, local anesthesia, diet analysis and other services as delegated by the licensed dentist. In some large offices the dental hygienist may serve as a manager of office procedures. Dental hygiene services vary from state to state according to the laws that govern the practice of dental hygiene.

In public health and community agencies, the dental hygienist is concerned with the oral health of the community being served. Major responsibilities may be assessing the oral health of a given population or developing and implementing a dental health program. In hospitals and nursing homes, the dental hygienist may function as a health educator, a clinician or a resource person. In other instances, hygienists are employed for clinical and descriptive research projects.

Although the majority of dental hygiene graduates are involved in private practice, the following practice settings may also be available:

- Federal, state and local health departments.
- Hospitals and nursing homes.
- School districts.
- Health maintenance organizations.
- Educational programs for dental, dental hygiene and dental assisting students.
- Private and public centers for pediatric, geriatric and other special needs groups.

Graduates can take advantage of the Dental School's job placement assistance service. The School of Dentistry maintains an extensive database of job opportunities in several states. Faculty members are available for job-placement counseling to assist graduates with placement decisions.

Professional Associations

The School of Dentistry encourages students to participate in professional association activities. Dental hygiene students are required to join and participate actively in the Student American Dental Hygienists' Association, the UMKC Dental Hygienists' Alumni Association and the American Dental Education Association. Through participation in these associations, students can network with and become familiar with the professional opportunities and activities of area dental health professionals.

Scholarships and Awards

In addition to the University and federal financial aid opportunities, the Division of Dental Hygiene has numerous scholarship sources available to dental hygiene students. Students must meet financial and academic qualifications. Contact the division for more information. The Free Application for Student Aid (FAFSA) is required for application for Division scholarships. The Division will provide scholarship information to admitted and enrolled students.

During the last semester of the program, dental hygiene students who have distinguished themselves are eligible to be selected from the graduating class to become members of Sigma Phi Alpha, a national dental hygiene honor society. Students who receive this honor exhibit outstanding character and leadership during the professional program.

The Greater Kansas City Dental Hygienists' Association sponsors a Community Service Award; the Missouri Dental Hygienists' Association sponsors the Outstanding Dental Hygiene Graduate Award; and the UMKC Dental Hygienists' Alumni Association sponsors the Outstanding Clinician Award. These awards are presented annually to graduating seniors.

Licensure Examinations

To practice dental hygiene legally, the student must take and successfully pass a computer-based examination, the National Board Dental Hygiene Examination. This examination is administered to all dental hygiene students in the country. The student also must successfully complete a clinical examination and an examination on the dental laws of the desired state of licensure. After written and clinical examinations have been completed, the graduate may apply for licensure in any state. Additional information regarding these examinations and the licensure process is given during the dental hygiene program.

Courses

DENT-HYG 3000 Dental Morphology And Occlusion Credits: 2

Designed to provide the dental hygiene student with a sound knowledge based in dental morphology and occlusion through discussion and classroom activities. Students will learn to identify anatomical structures of each tooth and be able to communicate these findings effectively with colleagues and patients in both verbal and written forms. The clinical application and relevance of dental morphology in the practice of dental hygiene will be emphasized. Special consideration will be given to root morphology as it relates to periodontal instrumentation. Classroom activities will include identification of dental model teeth, terminology exercises, dental charting experiences and identifying classifications of occlusion.

DENT-HYG 3020 Dental Radiology Credits: 2

Lecture and clinical practice of dental radiographic procedures. Topics included are radiation hygiene, taking and developing radiographs, processing and mounting films, and radiographic interpretation. Clinical experience is required throughout the remaining semesters.

DENT-HYG 3030 Introduction to Histopathology of Oral Tissues Credit: 1

A comparison of the microscopic anatomy of healthy and diseased oral tissues. The major goal of this course is to integrate basic sciences (embryology, descriptive histology, and cell biology of oral tissues) with clinical sciences. The gap between the basic and clinical sciences is not always easy to bridge; this course is designed to bridge the 'gap.' This course provides students with an introduction to orofacial histology and embryology and pathology that may arise from the tissues of the head, neck, and oral cavity.

Prerequisites: Dental hygiene student.

DENT-HYG 3080 Introduction to the Preventive Practice of Dental Hygiene Credits: 4

This course will introduce theories and rationales for basic clinical dental hygiene care (infection control, oral examination and fundamentals of instrumentation) in diverse populations. Practical application of specific clinical skills will be introduced in the classroom and applied in the clinical setting.

DENT-HYG 3080L Preclinical Dental Hygiene Credits: 2

This course emphasizes the practical application of the fundamental concepts and principles of patient care in a diverse society discussed in DENT-HYG 3080. Emphasis is placed on patient assessment and techniques of instrumentation for examination and dental hygiene treatment. After the student has mastered basic skills, he/she will begin to provide direct dental hygiene services.

DENT-HYG 3200 General and Oral Pathology Credits: 2

An introduction to the principles of general pathology and organ system pathology including inflammation, immunity and diseases of immune origin, genetic diseases, neoplasia with emphasis on oral cancer, and diseases of selected organ systems including pulmonary, cardiovascular, hematopoietic, endocrine, skeletal, gastrointestinal, hepatic, pancreatic and other systems as time permits.

DENT-HYG 3210 Applied Nutrition and Biochemistry Credits: 2

This course introduces biochemistry and nutrition, encouraging identification of sources and application of specific nutrients for health. Contents familiarize students with roles of nutrition and places emphasis on the hygienist's role as nutritional educator- utilizing skills of recognition, prevention and treatment of related disease(s) and support of good oral health. Topics build on previous knowledge of chemistry, biology and physiology in application to health, coupled with deficient/optimal nutrition. Students will utilize motivational interviewing pertaining to counseling to help patients assign values, prioritize, and meet agreed upon goals. The format will include face-to-face lectures, online supplements, short labs, and group assignments/presentations.

DENT-HYG 3220 Dental Biomaterials Credits: 2

This course is designed to provide the dental hygiene student with a sound knowledge base in the science and manipulation of dental biomaterials. Through lectures and laboratory session, the student's ability to make clinical judgments regarding the application of dental biomaterials and the ways in which materials react to the oral environment will be enhanced.

DENT-HYG 3260 Principles Of Periodontics Credits: 2

This course in Periodontics will cover the biological and clinical aspects of periodontal health and pathology. An introduction to the supporting structures of the teeth will provide the foundation of understanding pathogenesis, histopathology and subsequent therapeutic treatment of periodontal diseases. The dental hygienist's role in recognition, prevention and treatment of periodontal diseases and maintenance of periodontal health is examined.

DENT-HYG 3280C Dental Hygiene Clinic I Credits: 3

Students will further develop clinical skills and techniques learned in DENT-HYG 3080L and previous courses by providing services to patients.

DENT-HYG 3285 Seminar In Dental Hygiene I Credits: 2

This course expands on theory and background presented in DENT-HYG 3080. Topics include expanding dental hygiene skills required for the care of patients and continued development of problem solving abilities and critical thinking skills as they relate to the provision of dental hygiene care. Provide students with a more insightful view of the role of the dental hygienist in the delivery of comprehensive patient care.

DENT-HYG 3300 Radiographic Interpretation Credit: 1

The purpose of the course is to introduce interpretation of radiographic anomalies and pathology just prior to the clinical experience. This lecture and participation course supplement clinic instruction in diagnosis of the patient's oral needs and formulation of a treatment plan. Upon completion of this course, the student should be able to recognize simple pathology and radiographic anomalies.

DENT-HYG 3320 Oral Health Behavior Change Credits: 3

The purpose of this hybrid course is to prepare the junior dental hygiene student to effectively assess and individualize preventive oral health care through the use of brief motivational interviewing. The course will include evidenced based information in dental caries and caries risk assessment, caries preventive measures, introduction to periodontal disease, dental stains, and management of xerostomia, halitosis, and dentinal sensitivity, oral healthcare products and how to care for an oral appliance. The student will subsequently apply course concepts to facilitate patient behavior change in the clinical setting. Recommended preparation: a course in General Psychology.

DENT-HYG 3340 Principles Of Public Health Credits: 2

This course introduces the student to principles of public health, the field of epidemiology, health care delivery systems, public health terminology and teaching methodologies to use in culturally diverse community settings. Students will have the opportunity to assess a target population, plan, implement and evaluate appropriate programs. Students will also apply theories and skills of communication and education while preparing and presenting oral health education programs for various population groups.

DENT-HYG 3620 Civic Engagement Credits: 0

Service learning experiences expose students with different opportunities to engage the community. Students can choose from approved experiences and participate based on their interest and skill level. Students will research, participate, and reflect on their experiences.

DENT-HYG 4001 Clinical Oral Radiology Credit: 1

Clinical application of radiology principles taught in preceding terms. To provide clinical skills to safely make and interpret radiographic images for the provision of oral health care.

DENT-HYG 4020 Local Anesthesia And Pain Control Credits: 3

This course is designed to prepare dental hygiene students for the safe, effective administration of local anesthesia and nitrous oxide sedation. Included are content areas in anatomy, physiology, pharmacology, and emergency management as they relate to the administration of local anesthetics, nitrous oxide, and pain control. Laboratory sessions are structured to develop actual experiences in administration of local anesthetics and nitrous oxide. Various mechanisms for pain control are also covered. Methods of presentation include lecture, large group discussion, laboratory and clinical participation.

DENT-HYG 4040 Introduction to Instruction Credits: 2

This course is designed to introduce the student to instructional design work with the models and principles that best fit the needs and goals of their audience. As students engage in instructional design, they will acquire knowledge of learning science that will aid them in understanding how design elements make a difference in the process of learning, retaining, and applying information. This course is designed to provide engaging and effective learning experiences for all audiences.

DENT-HYG 4050 Periodontics II Credit: 1

This course in Periodontics will provide an introduction to Phase II and III therapy. Periodontal decision making will be emphasized. The dental hygienists' role in recognition, prevention and treatment of periodontal diseases and maintenance of periodontal health is further examined.

Prerequisites: DENT-HYG 3260.

DENT-HYG 4060C Dental Hygiene Clinic II Credits: 2

The student will continue to develop competency in basic dental hygiene skills. Principles of periodontal techniques, such as non-surgical periodontal therapy, supportive treatment procedures and comprehensive patient care in a diverse society will be emphasized. The student will be asked to demonstrate professional management skills and productivity.

DENT-HYG 4065 Seminar in Dental Hygiene II Credit: 1

This seminar course is offered in conjunction with DENT-HYG 4060C, and expands upon theory and background presented in other dental hygiene courses within the curriculum which will involve further development of their critical thinking/problem solving skills regarding patient care. Students will be provided with further instruction regarding advanced instrumentation, cultural diversity, motivational interviewing and other technological advancements utilized in dental hygiene care.

Co-requisites: DENT-HYG 4060C.

DENT-HYG 4080 Introduction to Research and Evidence Based Decision Making Credits: 2

This is a lecture/discussion course with assigned exercises in the research process and evaluating scientific studies. Students will apply basic principles of research design and methodology to the critical analysis of contemporary oral health related literature focusing on the review and evaluation of literature as it relates to the practice and profession of dentistry and dental hygiene with the intent of utilizing an evidence-based approach to care.

DENT-HYG 4100 Pharmacology Credits: 3

An overview and introduction to the major drug groups and common drugs taken by dental outpatients. Course includes the basic principles and general theories of drug action, basic pharmacokinetics, their mechanisms of action and therapeutic uses and the relative dental significance of each.

DENT-HYG 4110 Introduction to Research Methodologies Credits: 2

This is a lecture/discussion course with assigned exercises in the research process and evaluating scientific studies. Students will learn the basic principles involved in research design and methodology and will apply those principles to the critical analysis of contemporary health related literature. Focus on the review and evaluation of literature as it relates to the practice and profession of dentistry with the intent of utilizing an evidence-based approach to care will be stressed.

DENT-HYG 4115 Practicing in the Dental Hygiene Public Health Safety Net Credits: 3

The course is designed to increase the knowledge base of the practicing dental hygienist in the area of public health dentistry, including health promotion, disease prevention, current legislation, evidence based treatment, school based portable dentistry, coalitions, treating the geriatric and disabled populations, as well as how to write and secure.

DENT-HYG 4120C Dental Hygiene Clinic III Credits: 4

The student will continue to develop competency in intermediate dental hygiene skills. Principles of periodontal techniques, such as root planning, pain control and supportive techniques will be stressed. Comprehensive treatment planning and implementation of comprehensive care to a diverse patient population will be the focus of this course. Continued development of professionalism, management and critical thinking skills will be emphasized.

DENT-HYG 4125 ECP III Training Course Credits: 2

The ECP III Training Course is designed to prepare a registered dental hygienist to apply for the Kansas Extended Care Permit III. Hygienists with the ECP III certificate can practice under the sponsorship of a dentist in a variety of public health settings including schools and long term care facilities in Kansas.

DENT-HYG 4130 Introduction to Instructional Technologies and Online Learning Credit: 1

The web-based multimedia course will examine the mediated communication process using Internet tools and is designed to help the incoming student become prepared to succeed in their degree program using online technologies. Students will examine the changes and challenges associated with mediated synchronous and asynchronous technologies. The course will be delivered in four different modules.

DENT-HYG 4150 Portfolio Capstone Credit: 1

The capstone course serves as the culminating experience for students in the BSDH Degree Completion Program. During the Capstone course, students will create a coherent and cohesive body of work reflective of attainment of the competencies for the BSDHDC program—in the form of an e-Portfolio.

DENT-HYG 4210 Practice Management Credits: 3

Current relevant issues impacting dental hygiene practice are discussed. Dental practice economics, communicating and management in a diverse society are included. Also included in this course is the study of jurisprudence as it relates to the practice of dental hygiene.

DENT-HYG 4220 Interdisciplinary Community Oral Health Field Experiences Credits: 3

Students will practice skills/principles learned in Anchor I-II by participating in interdisciplinary community projects and clinical activities targeting Kansas City's urban and surrounding rural environments. Students will use strategies of assessment, program planning, implementation and evaluation to improve existing, develop new, and reflect on service projects' purposes, methods, and consequences. This course is taught with DENT-HYG 4120. Major emphases include team collaboration/leadership of civic action, community programming to enact measurable and meaningful change, respectful communication considering health literacy and associated disparities among patients and health care providers, to express ideas supporting wellness through improved oral health.

DENT-HYG 4240 Ethics In Professional Practice Credit: 1

Study of ethics and ethical issue related to the practice of dental hygiene within a diverse society. Includes application of ethical principles to real-life situations.

DENT-HYG 4260 Senior Seminar Credits: 2

This course serves as a means of synthesizing information from all courses in the dental hygiene curriculum and applying content to patient cases and practice management issues. Case-based learning (CBL) will be utilized to review significant content areas as well as to introduce subjects not previously encountered during previous clinical experiences. Case based/problems based learning (PBL) with faculty facilitation will assist students in managing patient cases. This course is also designed to assist in preparing senior dental hygiene students for the written and clinical examinations required for licensure.

DENT-HYG 4260C Dental Hygiene Clinic IV Credits: 4

The student will have the opportunity to reach competency in all clinical skills. Emphasis will be placed on decision-making, problem-solving, critical thinking, appointment and time management. The course will focus on comprehensive dental hygiene care to a diverse population.

DENT-HYG 4340 Community Dentistry Practicum Credits: 2-4

The community dentistry practicum provides the student with an opportunity for personal exploration of the many settings of community dentistry. These experiences may lead the students into clinical activities or design and implementation of dental health educational programs. The student will have the opportunity to work with various community health professionals in the Kansas City area. The student will need reliable transportation and should expect some experiences to require travel.

DENT-HYG 4350 Advanced Clinical Practice Credits: 2

This course is designed for the dental hygiene student who desires increased experiences in traditional or non-traditional clinical settings. The course will involve practical experience functioning as a dental hygienist working in alternative clinical settings.

DENT-HYG 4360 Practice Management Practicum Credits: 3

Current relevant issues impacting dental hygiene practice are discussed. Dental practices, economics, communication and management are included. Practical application of course would include the development of a dental office operating manual.

DENT-HYG 4500 Issues in Dental Hygiene Credits: 3

This course is designed to introduce the student to contemporary issues encountered in dental hygiene. Weekly readings, assignments, and synchronous sessions will familiarize the student in topics such as: writing resumes and curriculum vitas, accreditation, motivational interviewing, advanced professional roles, and social media in the profession.

DENT-HYG 4600 Scientific Inquiry in the Health Sciences Credits: 2

This course is designed to expand on the student's basic knowledge of the dental hygiene process of care. Utilization of evidence based decision-making skills will be explored in an effort to incorporate current scientific literature, personal clinical experience and patient preferences as it relates to the delivery of comprehensive patient care. Skills taught in this course will enhance background knowledge related to the dental hygiene process of care and help to foster an attitude of critical analysis and life-long learning.

DENT-HYG 4620 Introduction to Learning Theory Credits: 3

This course is designed to introduce the student to basic learning theories and to provide participants with a better understanding of the learning process. The course includes units on metacognition, learning theory, teaching and learning strategies, and the science of learning.

DENT-HYG 4625 Dental Hygiene Administration Credits: 2

This course is designed for the post-certificate dental hygiene student. Major topic areas include accreditation of dental hygiene programs, the impact of National and State Board examinations on curriculum planning, selective admissions policies and procedures, faculty evaluation, promotion and tenure and students' rights.

DENT-HYG 4635 Practicum In Clinical Supervision Credits: 2-4

Under the supervision and permission of the Dental Hygiene Clinical Supervisor, the student will gain actual experience in the duties involved in coordinating the clinical education of a dental hygiene student. The student may contract for responsibilities such as, coordinating mock board examinations, maintaining student clinical records, developing faculty and student clinic schedules and report writing.

DENT-HYG 4640 Student Teaching and Conference I Credits: 2-4

Under the direction of a supervising professor, the student may select teaching experience in the classroom areas of their choice. The student develops behavioral course objectives, comprehensive lesson plans, test and examination items, classroom presentations, and prepares student evaluations in the selected classroom teaching areas. The student may select teaching assignments in one of the developed externship student teaching programs. Conferences will be held in conjunction with the course.

Prerequisites: DENT-HYG 4040, DENT-HYG 4620.

DENT-HYG 4650 Student Teaching and Conference II Credits: 2-4

The student will continue to develop teaching skills in laboratory and/or classroom areas as selected by the student under the direction of a supervising professor.

Prerequisites: DENT-HYG 4640.

DENT-HYG 4660 Independent Study in Dental Hygiene Credits: 1-4

This course is designed for the dental hygiene student who desires independent study of a particular problem or area of interest in dental hygiene education.

DENT-HYG 4662 Practicum in Clinical Instruction Credits: 2

This course is designed for the dental hygiene student who desires exploration of dental hygiene clinical instruction – under the supervision of dental hygiene faculty - in a dental hygiene clinic.

Prerequisites: Dental Hygiene Professional Program Student.

DENT-HYG 4680 Dental Hygiene Clinical Instruction I Credits: 2-4

Continued development of competency as a clinical instructor under the supervision of the dental hygiene faculty. Requires a half-day in clinic student instructor.

Prerequisites: DENT-HYG 4640.

DENT-HYG 4685 Dental Hygiene Clinical Instruction II Credits: 1-4

A continuation of DENT-HYG 4680. Under the supervision of the dental hygiene faculty, students may continue to develop skills as a dental hygiene clinical instructor.

Prerequisites: DENT-HYG 4680.

DENT-HYG 5500 Introduction to Educational Methodology Credits: 3

This course is designed to introduce the student to basic educational methodologies and to provide participants with a better understanding of the teaching and learning process. Students will develop the knowledge and skills for integrating teaching and learning theory that support quality learning experience for all learners. The course includes units on instructor/student relationships, educational approaches, educational ethics and professionalism, and learning theory.

DENT-HYG 5502 Foundations of Teaching Credits: 2

This course provides an introduction to the evidence-based best practices in course design for students who are preparing for a career in teaching and for those who simply wish to learn more about classroom instruction. Students will explore outcomes centered course design. Content application activities include syllabus development, writing objectives, constructing lesson plans, preparing presentations, developing course management sites, and test development.

Prerequisites: Must be a student enrolled in the MSDHE program.

DENT-HYG 5503 Design for Learning Credits: 3

This course will introduce students to theories of course design and learning. The primary focus will be providing the skills and knowledge necessary to build each component needed in an academic course (i.e., learning objectives, assignments, lecture videos, assessment etc.). The relationship between theory and practice will be examined through projects, reflections, and discussions as a class and in groups.

DENT-HYG 5510 Student Teaching and Conference I Credits: 2-4

Student teaching experience in classroom areas as selected by the student under the direction of a supervising professor. The student develops behavioral course objectives, test and examination items, classroom presentations, and prepares student evaluations in the selected classroom teaching areas. The student may select teaching assignments in one of the developed externship student teaching programs. Conferences will be held in conjunction with the course.

Prerequisites: DENT-HYG 4040, DENT-HYG 5500.

DENT-HYG 5512 Student Teaching and Conference II Credits: 2-4

This course is designed to provide the graduate dental hygiene student with additional experience in classroom teaching. Student teaching experiences will be selected by the student under the direction of and in conference with a supervising professor.

DENT-HYG 5516 Special Issues in Higher Education for Health Professional Credits: 3

This course is designed to introduce the student to matters encountered in higher education - specific to dental hygiene education. Weekly readings, assignments, and sessions will familiarize the student in topics such as: writing resumes and CVs, motivational interviewing, accreditation, promotion and tenure, and social media.

DENT-HYG 5530 Clinical Instruction and Conference I Credits: 2-4

Students will actively participate in clinical instruction under the supervision of a dental hygiene faculty member. Topics relative to clinical teaching will be discussed in weekly seminars. Students will be encouraged to apply knowledge gained in DENT-HYG 4620 and DENT-HYG 5500 during clinical instructional experiences. Additionally the student must participate in at least 1 day of clinic per week to equal another credit hour of course work.

DENT-HYG 5532 Clinical Instruction and Conference II Credits: 2-4

This course is a continuation of DENT-HYG 5530. Under the supervision of the dental hygiene faculty, the student will continue to develop skills as a dental hygiene clinical instructor.

Prerequisites: DENT-HYG 5530.

DENT-HYG 5553 Evidence Based Decision Making in the Clinical Practice of Dental Hygiene Credits: 2-4

This course is designed for the graduate and degree completion dental hygiene student and will expand on the student's basic knowledge of the dental hygiene process of care. Utilization of evidence based decision making skills will be explored in an effort to incorporate current scientific literature, personal clinical experience and patient preferences as it relates to the delivery of comprehensive patient care. Skills taught in this course will enhance background knowledge related to the dental hygiene process of care and help to foster an attitude of critical analysis and life-long learning.

DENT-HYG 5560 Practicum in Clinical Supervision and Management Credits: 2-4

Practical experience in functioning as a Clinic Supervisor. Clinical managerial projects will be assigned according to students' interests and goals by agreement between student and instructor.

DENT-HYG 5565 Advanced Special Patient Care Practicum I Credits: 1-4

This course is designed to familiarize the student with general principles of cancer therapy and the role of the dental team in the multidisciplinary care of patients undergoing oncology treatments. Special emphasis will be placed on the treatment of the patient with head and neck cancer, and preventive and palliative dental interventions for control of the oral complications associated with all cancer therapies. Cancer prevention issues and the psychosocial and economic impact of cancer diagnosis will also be discussed.

DENT-HYG 5566 Advanced Special Patient Care Practicum II Credits: 1-4

This course will provide the graduate dental hygiene student with the opportunity to explore the relationship of an oncology dental program to medical health care facilities.

DENT-HYG 5570 Administrative Practicum Credits: 1-4

Practical experience in administration. The student selects areas of responsibility based on their goals and interests in administration. Possible areas of involvement are: recruitment, admissions, curriculum and course development, course scheduling, grant and report writing and student advising.

DENT-HYG 5575 Practicing in the Dental Hygiene Public Safety Net Credits: 3

This course is designed to increase the knowledge base of practicing dental hygienists in the area of public health dentistry, including health promotion, disease prevention, current legislation, evidence based treatment, school based portable dentistry, coalitions, treating the geriatric and disabled populations, as well as how to write and secure grant monies. In addition, the course will expose dental hygienists to a variety of public health settings in which they can practice with an Extended Care Permit (in KS) or the Dental Hygiene Designation (in MO). Information on how to apply for the permits will also be shared.

DENT-HYG 5576 Extended Care Permit (ECP) III Training Course Credits: 2

The Extended Care Permit (ECP) III Training Course is designed to prepare a registered dental hygienist to apply for the Kansas Extended Care Permit III. Hygienists with the ECP III certificate can practice under the sponsorship of a dentist in a variety of public health settings including schools and long term care facilities in Kansas.

Prerequisites: Must be a student enrolled in the MSDHE program.

DENT-HYG 5585 Portfolio Capstone Course Credit: 1

This capstone course serves as the culminating experience for students in the MS in Dental Hygiene Education (MS in DHE). During the Capstone course, students will create a coherent and cohesive body of work reflective of attainment of the competencies for their respective programs - in the form of an e-Portfolio. This course should be taken in the semester of anticipated completion/graduation of the MS In DHE program.

DENT-HYG 5590 Independent Study Credits: 1-4

Independent study of a particular topic or area of interest to the student in dental hygiene/dentistry and/or higher education.

DENT-HYG 5595 Writing in Science Credits: 1-2

This seminar course is designed to provide advanced education students in the health professions the skills necessary to write and communicate in science. Course activities and topics include: critical analysis of the literature, literature summary tables, structure and organization of documents, style and usage, drafting, revising and finishing. Participants will practice the craft of scientific writing not only as the writer but also as the reader providing correction and reorganization where appropriate. While this course examines many writing tasks, exercise culminate with the development of a research protocol or scientific article.

DENT-HYG 5599 Research And Thesis Credits: 1-6

This course is designed to support the research process from protocol development through data collection and report of results. Research committee chairperson typically serves as the course director.