

# BACHELOR OF SCIENCE IN DENTAL HYGIENE

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## Program Competencies

The Division of Dental Hygiene at the UMKC School of Dentistry offers two routes to a Bachelor of Science degree in Dental Hygiene: The B.S. Clinical Entry-Level program and the RDH to BSDH B.S. Degree Completion program. The following Clinical Entry Level program competencies are deemed by the faculty in the Division of Dental Hygiene as the skills, knowledge and values every entry level graduate must be able to consistently and independently demonstrate to qualify for graduation. The School of Dentistry, Division of Dental Hygiene assessment plan calls for these competencies to be assessed throughout the classroom, laboratory and patient care experiences during the student's tenure in the program in the form of papers, case study presentations, student portfolios, clinical competency examinations, community assessment and other appropriate assessment measures.

The UMKC dental hygiene graduate will be competent in:

- Core competence for ethical practice, adherence to regulations, evidence-based decision making, and self assessment.
- Assessing persons of all ages and stages of life in a diverse society.
- Treatment care planning and case presentation for persons of all ages/stages of life in a diverse society.
- Health education strategies for the prevention of disease and the promotion of health.
- Provision of preventive and therapeutic dental hygiene services for persons of all ages/stages of life.
- Health and safety provisions
- Management procedures (emergency management, communication, etc.)
- Community oral health strategies in a culturally diverse society.
- Utilization of information technology to assist in evidence-based decision making.

## Student Learning Outcomes

Students graduating from this program will:

- Assessing persons of all ages and stages of life in order to design, implement and evaluate dental hygiene care in a diverse society
- Competent and culturally sensitive in dental hygiene care planning and case presentation for persons of all ages/stages of life in a diverse society
- Competent in health education strategies for the prevention of disease and the promotion of health-related quality of life
- Competent in the provision of preventive and therapeutic dental hygiene services for persons of all ages/stages of life
- Competent in health and safety provisions
- Competent in management procedures
- Competent in community oral health strategies for persons of all ages/stages of life in a culturally diverse society
- Competent in the utilization of information technology to assist in evidence-based decision making

## Student Learning Outcomes

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## Program Requirements

The dental hygiene program begins in August of each year and continues for two academic years with a summer session between years. For more information, contact the program director.

### UMKC Essentials

Code	Title	Credits
First Semester Experience Course (GEFSE)		3
Written Communication:		
ENGLISH 110	Introduction to Academic Prose	3
ENGLISH 225	English II: Intermediate Academic Prose	3
Oral Communication (Satisfied in program requirements below)		
Math Pathway (Satisfied in program requirements below)		
Critical Thinking in the Arts & Humanities (GECRT-AH)		3
Critical Thinking in Natural & Physical Sciences (GECRT-SC)		3
Critical Thinking in Social & Behavioral Sciences (GECRT-SS)		3
Culture & Diversity Course (GECDV)		3
Civic & Urban Engagement Course (GECUE; Satisfied in program requirements below)		
Total Credits		21

### Constitution Course Requirement

Section 170.011.1 of the Missouri Revised Statutes, 2015, states that all candidates for a degree issued by a college or university in the state of Missouri must have "satisfactorily passed an examination on the provisions and principles of the Constitution of the United States and of the state of Missouri, and in American history and American institutions."

Courses at UMKC that satisfy this state requirement are:

Code	Title	Credits
Choose one of the following:		3
CJC 364	The Supreme Court And The Criminal Process	
HISTORY 101	U.S. History to 1877	
HISTORY 102	U.S. History Since 1877	
HONORS 230	Honors American Government	
POL-SCI 210	American Government	
Total Credits		3

There are a few other ways this requirement can be satisfied for students transferring to UMKC:

- Take an equivalent course from the list above at a regionally accredited institution.
- Earn credit for one of the above courses through AP, IB, or CLEP.
- Take a course that directly satisfies the Missouri Constitution Requirement at another Missouri institution.
- Have a previous bachelors degree (or higher) from a regionally accredited institution.
- Have an Associate of Arts degree from a regionally accredited institution.
- Complete the 42 Hour Core at a Missouri institution and have it listed on the official transcript.

### Program Prerequisites

A minimum grade of 'C' must be earned in all prerequisite science coursework.

Code	Title	Credits
Please choose one of the following:		3
BIOLOGY 102	Biology and Living	
BIOLOGY 108	General Biology I	
BIOLOGY 109	General Biology II	
Please choose one of the following course sequences:		6-8
BIOLOGY 218 & LS-PHYS 217	Introductory Anatomy and Human Physiology	

HLSC 120 & HLSC 160	Anatomy & Physiology I and Anatomy and Physiology II	
BIOLOGY 112	Microbiology and Living	3
CHEM 211 & 211L	General Chemistry I and Experimental General Chemistry I	5
COMM-ST 110 or COMM-ST 140	Fundamentals of Effective Speaking and Listening (satisfies GE Oral Communication requirement) Introduction to Communication	3
MATH 110 or MATH 120	Precalculus Algebra (or any 200-level or above MATH/STAT course; satisfies GE Math Pathway) Precalculus	3
PSYCH 210	General Psychology	3
SOCIOL 101	Sociology: An Introduction	3
Total Credits		29-31

### Professional Degree Requirements

Code	Title	Credits
BMS 93065	Anatomy of the Head & Neck	2
DENT-HYG 3000	Dental Morphology And Occlusion	2
DENT-HYG 3020	Dental Radiology	2
DENT-HYG 3030	Introduction to Histopathology of Oral Tissues	1
DENT-HYG 3080	Introduction to the Preventive Practice of Dental Hygiene (satisfies GEFSE course, if not previously completed)	4
DENT-HYG 3080L	Preclinical Dental Hygiene	2
DENT-HYG 3200	General and Oral Pathology	2
DENT-HYG 3210	Applied Nutrition and Biochemistry	2
DENT-HYG 3220	Dental Biomaterials	2
DENT-HYG 3260	Principles Of Periodontics	2
DENT-HYG 3280C	Dental Hygiene Clinic I	3
DENT-HYG 3285	Seminar In Dental Hygiene I	2
DENT-HYG 3300	Radiographic Interpretation	1
DENT-HYG 3320	Oral Health Behavior Change	3
DENT-HYG 3340	Principles Of Public Health	2
DENT-HYG 4001	Clinical Oral Radiology	1
DENT-HYG 4020	Local Anesthesia And Pain Control	3
DENT-HYG 4050	Periodontics II	1
DENT-HYG 4060C	Dental Hygiene Clinic II	2
DENT-HYG 4065	Seminar in Dental Hygiene II	1
DENT-HYG 4080	Introduction to Research and Evidence Based Decision Making	2
DENT-HYG 4100	Pharmacology	3
DENT-HYG 4120C	Dental Hygiene Clinic III	4
DENT-HYG 4210	Practice Management	3
DENT-HYG 4220	Interdisciplinary Community Oral Health Field Experiences (satisfies GECUE course)	3
DENT-HYG 4240	Ethics In Professional Practice	1
DENT-HYG 4260	Senior Seminar	2
DENT-HYG 4260C	Dental Hygiene Clinic IV	4
LS-PHYS 3070	Oral Physiology	3
<b>Dental Hygiene Elective (choose one of the following)</b>		<b>2</b>
DENT-HYG 4125	ECP III Training Course (limited availability)	
DENT-HYG 4340	Community Dentistry Practicum (limited availability)	
DENT-HYG 4350	Periodontal Therapy Practicum (limited availability)	
DENT-HYG 4660	Independent Study in Dental Hygiene	
DENT-HYG 4662	Practicum in Clinical Instruction (limited availability)	
Total Credits		67

**GPA Minimum: 2.5**

**Total credit hours: 120**

## Admission Requirements

This clinical entry level program is for the individual who wants to go into the field of dental hygiene. The primary goals of the basic preparation bachelor of science degree program in dental hygiene are to prepare dental hygienists to perform competently in clinical practice and to perform competently in clinical practice and/ or community oral health program planning, clinical teaching, special patient care, practice management and research.

### Admission to the Clinical Entry Level Program

Admission is on a selective basis and requires more than simply meeting certain course or GPA requirements. Factors considered in the selection process are the candidates' academic credentials, letters of evaluation, a personal interview, motivation and all other information submitted by the candidates. Formal applications for admission to the dental hygiene program must be submitted no later than December 1st. Classes formally begin each year at the end of August. Minimum requirements and credentials for application are all of the following:

1. Graduation from an accredited high school or its equivalent.
2. Satisfactory completion of approximately two academic years or 60 semester hours of college. (The 60 semester hours must satisfy the general education requirements, which are specified later in this section. All general education requirements must be completed prior to entrance into the dental hygiene program.)
3. Application to UMKC.
4. Supplemental application for admission to the Division of Dental Hygiene.
5. College transcripts of all college coursework.
6. A cumulative college GPA of at least 2.75.
7. A college science prerequisite GPA of 2.75. Preferred GPA for admission is 3.3.
8. Three reference forms.
9. Personal interview.
10. For international applicants, a satisfactory TOEFL score (at least 550 on the paper test or 213 on the computer-based version).

### Notification of Admission

Applications for admission are reviewed by the School of Dentistry Dental Hygiene Student Admissions Committee. After a decision is reached on an application, notification of acceptance is made by mail. The applicant has 30 days from the date of the acceptance letter to make a required non-refundable \$100 deposit. This deposit is applied to enrollment fees.

Several applicants are placed on an alternates list. In the event that a position becomes available, an applicant from this list is chosen to fill the vacancy. Alternates may be accepted through the first week of the program.

## Tools for Planning and Fulfilling Academic Requirements

UMKC's Major Maps are detailed, semester by semester plans that lead a student to complete all degree requirements within four years. Plans include benchmarks and critical courses by term that assist a student's evaluation of progress and major "fit". In order to ensure that the appropriate courses are taken, students are encouraged to consult with the undergraduate advisor for this major. Please see the tab above to view the major map for this program.

UMKC's Transfer Guides (<https://www.umkc.edu/admissions/transfer-guides.html>) provide detailed guidance on recommended transfer coursework, plans of study, transfer timelines, and transfer contact information. To ensure a seamless transfer experience, students are encouraged to work with both their community college advisor and a UMKC advisor when planning their coursework.

UMKC's PlanMyDegree 'Audit' (<https://www.umkc.edu/registrar/academic-programs/plan-my-degree.html>) degree audit system provides an individual evaluation of all degree requirements (General Education, Degree Specific, Major Specific, etc.) for students' officially recorded (Office of the Registrar) and "what if" exploratory plans of study. This evaluation is used to certify all graduation requirements.

UMKC's PlanMyDegree 'Plans' (<https://www.umkc.edu/registrar/academic-programs/plan-my-degree.html>) degree planning tool enables students to develop a personalized semester by semester plan of study towards completion of degree requirements for student's officially recorded (Office of the Registrar) and "what if" exploratory plans of study. Update and edit your full plan to degree completion each term and confirm accuracy each semester with your Academic Advisor(s).

## Major Map

### Four Year Graduation Plan - Courses & Critical Benchmarks for First Time College Students:

UMKC's Major Maps are detailed, undergraduate four-year course outlines that inform students on the classes they should take and when to take them. Outlines are updated yearly. Graduate students should visit their program's individual school for program outlines.

The following is a sample course of study. Your path to graduation may vary based on factors such as college credit you earned while in high school, transfer work from other institutions of higher learning, and placement in Mathematics. You are responsible for checking prerequisites to any courses. It is the Student's responsibility to ensure that all program requirements are met. This guide is not a substitute for academic advisement.

#### First Year

Fall Semester	Credits	Spring Semester	Credits
BIOLOGY 102, 108, or 109 <sup>CC</sup>	3	BIOLOGY 112	3
ENGLISH 110	3	CHEM 211 & 211L	5
GEFSE 101 (required for all pre-Dental Hygiene students)	3	ENGLISH 225	3
MATH 110	3	GECRT-SS 101	3
GECRT-SC 101	3		
	15		14

#### Second Year

Fall Semester	Credits	Spring Semester	Credits
BIOLOGY 218 or HLSC 120 <sup>CC</sup>	3-4	LS-PHYS 217 or HLSC 160 <sup>CC</sup>	3-4
PSYCH 210 <sup>CC</sup>	3	SOCIOL 101 <sup>CC</sup>	3
COMM-ST 110 or 140	3	HISTORY 101, 102, or POL-SCI 210	3
GECRT-AH 101	3	GECDV 201	3
	12-13		12-13

#### Third Year

Fall Semester	Credits	Spring Semester	Credits	Summer Semester	Credits
DENT-HYG 3000	2	DENT-HYG 3030	1	DENT-HYG 4020	3
DENT-HYG 3020	2	DENT-HYG 3200	2	DENT-HYG 4060C	2
DENT-HYG 3080	4	DENT-HYG 3210	2	DENT-HYG 4065	1
DENT-HYG 3080L	2	DENT-HYG 3220	2		
DENT-HYG 3320	3	DENT-HYG 3280C	3		
BMS 93065	2	DENT-HYG 3285	2		
LS-PHYS 3070	3	DENT-HYG 3260	2		
		DENT-HYG 3300	1		
		DENT-HYG 3340	2		
	18		17		6

#### Fourth Year

Fall Semester	Credits	Spring Semester	Credits
DENT-HYG 4100	3	DENT-HYG 4001	1
DENT-HYG 4120C	4	DENT-HYG 4210	3
DENT-HYG 4050	1	DENT-HYG 4260	2
DENT-HYG 4080	2	DENT-HYG 4260C	4
DENT-HYG 4240	1	DENT-HYG Major Elective	2

DENT-HYG 4220	3	
	14	12

Total Credits: 120-122

CC Critical Courses provide feedback regarding major fit and help indicate likelihood of successful completion of chosen academic program and degree.

## Recommendations to Maintain Progress toward 4-Year Degree Completion

- Completion of the First Semester Experience (FSE) course in first term.
- Early completion of Written Communication, Oral Communication, and Math Pathway requirements.
- Maintain the minimum GPA required for academic Good Standing for your degree program.
- Completion at least 15 credit hours toward degree each regular semester. *(Students may use the summer to ensure completion of 30 hours per academic year or to lighten Fall and Spring course loads.)*
- Enrollment in Critical Courses as listed on the Major Map is recommended in order to maintain timely progress and completion of prerequisite coursework.
- Regular consultation with Academic Advisor(s) for program(s) of study is strongly recommended and may be required for some degree programs..

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