



Degree Level Bachelor's Grad.Dip. Master's Higher Grad.Dip. Doctoral
 TQF2 Program of Study Doctor of Dental Surgery Program
 (International Program) revised program year 2022

Faculty of Dentistry
 Department: Mahidol International
 Dental School (MIDS)

MU Degree Profile

Undergraduate Program	
1. Program Title Doctor of Dental Surgery Program (International Program)	
2. Degree Title Doctor of Dental Surgery	
Program Overview	
Type of Program	Bachelor Degree, Professional Degree
Number of Credits	222 credits
Duration of Program	6 Years
Program Status and Schedule of Program Start Dates	1. Revised Curriculum, 2022 2. Program start: 1 st Semester, Academic Year 2022
Degree Offered	Single degree
Institution Offering Degree	Mahidol University
Organization Certifying the Standards of the Program	The Dental Council of Thailand
Specific Data of the Program	
Vision / Mission / Aim / Objectives	<p>Vision To be a leading internationally recognized Undergraduate dental program with excellence in education, research and patient care.</p> <p>Mission To transfer knowledge and experience both locally and internationally through the systematic learning experience with interdisciplinary research collaboration and comprehensive patient care and Mahidol graduate attributes.</p> <p>Program aim To provide a diverse and global perspective as well as a comprehensive approach for educating and enriching graduates who are competent in social and dental skills to serve society with high ethical and professional standards.</p> <p>Program objectives To develop graduates with the following competencies: - Demonstrate ethical, moral and proper attitude</p>



	<p>toward the dental profession.</p> <ul style="list-style-type: none"> - Perform comprehensive dentistry practice as well as health promotion and oral disease prevention at personal, family and population levels. - Apply knowledge and skills in basic oral and medical sciences, information and communication technology, and research in dental practice. - Manage personal and career development, adaptability in varied situations, as well as social responsibility. - Communicate and collaborate with others according to their assigned roles.
<p>Distinctive Features</p>	<ol style="list-style-type: none"> 1. This syllabus, using hybrid training for comprehensive clinical skills, combines task-specific clinical practice and comprehensive dental practice to promote graduates to pursue higher education degrees nationally and internationally. 2. Dental simulation units are sufficient and available for all students in the course (120 units) to enhance psychomotor skills simultaneously and efficiently. This will prepare students to be ready and skillful before clinical practice. 3. Teaching and learning in English focusing on teamwork assignments, small group discussion, project-based, case-based learning, experiential learning, and self-directed learning. 4. Using technology-enhanced learning to promote information technology skills for information and data searching and management, enhancing self-directed learning, critical thinking, problem-solving, and innovation. 5. Integrating contents and extracurriculum activities to promote the qualities of courage, industry, patience, honesty, selflessness, social responsibility, leadership, and teamwork with creativity and gratitude in the students to fulfill Mahidol core values. 6. Partial financial supports are provided to students for



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	<p>international conferences and an externship to gain international experiences and global perspectives from renowned institutions in other countries, such as Japan, South Korea, Hong Kong, Germany, and the USA. Students have the opportunity to experience with friends across cultures and working together.</p> <p>7. Providing entrepreneurship theories, ideas and experience from private practice and field trips visiting private dental clinics and laboratories.</p>
Academic System	Semester system
Advancement Path of the Graduates	
Career Opportunities	<ul style="list-style-type: none"> - Work as a dentist in the private or public sector or as an entrepreneur. - Be academic personnel in a dental school or a healthcare system.
Further Study after graduation	<ul style="list-style-type: none"> - Pursue the dental specialty programs in postgraduate education (Graduate Diploma, Master degree, Ph.D. or residency training) or higher education in other fields.
Educational Philosophy in Program Management	
Program Philosophy	<p>The program is a well-rounded dental undergraduate program focusing on learners' achievements, enabling dentists to conduct evidence-based practice, engage in scholarly activities, translate knowledge in health sciences, and deliver dental care to all human beings by educating them through learning-centered education for self-development of knowledge, abilities, and new skills.</p>
Strategy/ Practice in teaching and learning	<p>The learning experience is set to be corresponded with the learning outcomes of students using:</p> <ol style="list-style-type: none"> 1. Various teaching methods include interactive lectures, reflective learning, small group discussions, case presentations, clinical practices, and project-based learning. 2. Clinical training from fundamental to complex treatments in simulated and real patients under the



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	<p>supervision of qualified instructors from all specialties to achieve the professional competencies required by the Dental Council of Thailand.</p> <ol style="list-style-type: none">Practice with multidisciplinary teams to allow students to practice holistic and/or interdisciplinary patient care focusing on patient safety.Learning process is set to develop intelligence and promote the constructivism of students.Learning and self-improvement using information/digital dental technology and various knowledge resources to promote active learning.Active learning environment where students can be closely monitored and engaged throughout the program.
Strategy/Practice for Evaluating Learning Outcomes of Students	<p>Evaluate learning outcome to integrate with teaching strategies by</p> <ol style="list-style-type: none">Formulate clear objectives and evaluation methods that align with learning outcomes, and inform students at the beginning of the course.Provide formative and summative assessments in order to create opportunities for knowledge improvement.Evaluate learning outcomes using various and appropriate tools and methods according to the objectives of evaluation.



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Competencies Enhanced to the Students of the Program	
Generic Competences	<ol style="list-style-type: none"> 1. Demonstrate ethics, morals and social responsibility. 2. Be able to collaborate with others appropriately and effectively. 3. Be able to use ICT and demonstrate life-long learning skills. 4. Be able to communicate with others efficiently. 5. Demonstrate problem-solving and critical thinking skills. 6. Be able to adapt to the environment, society and culture. 7. Apply the scientific knowledge and create social service and research to improve the quality of life.
Competencies Enhanced to the Students of the Program	
Subject-specific Competences	<ol style="list-style-type: none"> 1. Be knowledgeable about dental sciences for professional practice. <ul style="list-style-type: none"> - Factual knowledge: Basic medical science and basic clinical science (terminology, anatomy, physiology, materials) - Conceptual knowledge: Comprehensive dental care - Procedural knowledge: Clinical practice - Professional ethics: Ethics and law in dentistry 2. Apply the following knowledge and skill for standard dental practice and prevention. <ul style="list-style-type: none"> - Data collection for correct diagnosis: history taking, clinical examination, radiographic examination and other special investigation. - Holistic and interdisciplinary concept following patient-centered care to formulate a treatment plan. - Comprehensive dental care for children, adults and older persons following professional standards and ethics. - Health promotion at all levels (individual, family, community). - Research to develop knowledge for appropriate patient care.



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Instructors Responsible for the Program and Program Designated Lecturers

No.	Name-Surname	Academic Position	Degree (field)/ Institute/ Graduation year	Most recent academic works in last 5 years
1	Mrs. Waranun Buajeeb National ID: 3-1201-0146-x-xx-x	Professor Dr.	- Ph.D. (Oral Biology) Mahidol University: 2002 - Diplomate Thai Board of Oral Diagnostic Sciences:1998 - M.Sc. (Oral Medicine) University of London: 1987 - D.D.S. Mahidol University: 1984 - B.Sc. Mahidol University: 1982	Rahman R, Poomsawat S, Juengsomjit R, Buajeeb W. Overexpression of Epstein-Barr virus-encoded latent membrane protein-1 (LMP-1) in oral squamous cell carcinoma. BMC Oral Health. 2019; 19:142.
2	Mrs.Jira Kitisubkanchana National ID: 3-1002-0038-x-xx-x	Associate Professor Dr.	- Diplomate Thai Board of Oral Diagnostic science: 2016 - Ph.D. (Dental Science) Osaka University: 2010 - Grad. Dip. (Oral and Maxillofacial Radiology) Mahidol University: 2004 - D.D.S. Mahidol University: 2002	Kunavisarut C, Buranajanyakul L, Kitisubkanchana J, Pumpaluk P. A pilot study of small-diameter one-piece ceramic implants placed in anterior regions: Clinical and esthetic outcomes at 1-year follow-up. Int J Oral Maxillofac Implants 2020; 35: 965-73.
3	Miss Kanittha Kij samanmith National ID: 3-1002-0226-x-xx-x	Associate Professor Dr.	- Ph.D. (Oral Biology) Mahidol University: 2010 - Grad. Dip. (Endodontics) Mahidol University: 2001 - D.D.S. Mahidol University: 1997	Chinajitphan N, Ajcharanukul O, Kij samanmith K, Vongsavan N, Matthews B. Time-course of the effect of potassium oxalate in the treatment of hypersensitive dentine in man. Arch Oral Biol. 2021; 126:105-9.



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4	Mr. Kajohnkiart Janebodin National ID: 3-1001-0078-x-xx-x	Assistant Professor Dr.	- Ph.D. (Oral Biology) University of Washington: 2013 - D.D.S. Mahidol University: 2003	Taweewattanapaisan P, Jantarat J, Ounjai P, Janebodin K. The effects of EDTA on blood clot in regenerative endodontic procedures. J Endod. 2019; 45: 281-6.
5	Mr. Watus Sakdejyont National ID: 1-1007-0019-x-xx-x	Assistant Professor	- Diplomate Thai Board of Oral and Maxillofacial Surgery: 2015 - Higher Grad. Dip. (Oral and Maxillofacial Surgery) Mahidol University: 2012 - D.D.S. Mahidol University: 2009	Moranon P, Chaiyasamut T, Sakdejyont W, Vorakulpipat C, Klongnoi B, Kiattavornchareon S, Wongsirichat N. Dexamethasone injection into pterygomandibular space versus sublingual space on post-operative sequelae of lower third molar intervention. J Clin Med Res. 2019; 11: 501-8.