

หลักสูตรวิทยาศาสตรมหาบัณฑิต
สาขาวิชาทันตแพทยศาสตร์ (หลักสูตรนานาชาติ)
วิชาเอกศัลยศาสตร์ช่องปากและแม็กซิลโลเฟเชียล
Master of Science Programme in Dentistry
(International Programme) Major in Oral and Maxillofacial Surgery

Year	Semester 1			Semester 2		
1	DTID 514	Research Methodology	2(2-0)	GRID 603	Biostatistics	3(3-0)
	DTID 515	Oral Biology I	2(2-0)	DTSU 655	Oral and Maxillofacial Surgery Clinic II	4(0-12)
	DTSU 530	Oral and Maxillofacial Surgery I	2(2-0)	DTSU 651	Oral and Maxillofacial Surgery Seminar II	1(1-0)
	DTSU 540	Oral and Maxillofacial Surgery II	2(2-0)	DTID 632	Multidisciplinary Seminar Related to Oral and Maxillofacial Surgery	1(1-0)
	DTSU 654	Oral and Maxillofacial Surgery Clinic I	2(0-6)		Elective	1
	DTSU 650	Oral and Maxillofacial surgery Seminar I	1(1-0)			
	Total 11 credits			Total 10 credits		
2	DTSU 656	Oral and Maxillofacial Surgery Clinic III	3(0-9)	DTSU 657	Oral and Maxillofacial Surgery Clinic IV	3(0-9)
	DTSU 652	Oral and Maxillofacial Surgery Seminar III	1(1-0)	DTSU 653	Oral and Maxillofacial Surgery Seminar IV	1(1-0)
	DTSU 698	Thesis	6(0-18)	DTSU 698	Thesis	6(0-18)
	Total 10 credits			Total 10 credits		

Credits(Lecture-Lab)

DTID 514 Reseach Methodology 2(2 - 0)
 Principle of health science research, research methodology for laboratory research and applied research e.g. clinical research and epidemiological research, research designs, research proposal writing, hypothesis testing, data collection and manipulation, scientific paper critique, research statistics, research ethics, report writing.

DTID 515 Oral Biology I 2(2 - 0)

Development, structure, biology and function of oral tissues and related organs in healthy and pathological status. Microbiology in oral cavity. Host immune responses. Dental pain and dental hypersensitivity. Update common drugs used in dental practice.

DTSU 530 Oral and Maxillofacial Surgery I 2(2-0)
Principle of surgery, thorough history and physical examination , principle of hospital procedures, pre-operative and post-operative care including pre- and post-anesthetic evaluation and treatment .Examination, diagnosis and treatment of oral and maxillofacial pathologic conditions such as cysts and tumors. Examination, diagnosis and treatment of oral and maxillofacial infection.

DTSU 540 Oral and Maxillofacial Surgery II 2(2-0)
Principle of Oral and Maxillofacial Surgery . Examination, diagnosis and treatment of oral and Maxillofacial deformity, fractures as well as diagnosis and treatment of complications. Preprosthetic surgery, complicated extractions, removal of impacted and embedded teeth, and periapical surgery , and treatment of tempomandibular disorders.

DTSU 654 Oral and Maxillofacial Surgery Clinic I 2(0-6)
Ethically clinical practice will be on minor oral surgical procedures such as difficult impactions and embedded teeth extractions, periapical surgery, tissue biopsy as well as treatment of uncomplicated fractures in the oral and maxillofacial region.

DTSU 650 Oral and Maxillofacial Surgery Seminar I 1(1-0)
Seminar in basic sciences knowledge as applied to oral and maxillofacial surgical treatment. Special emphasis on various articles including anatomical structures that applied for surgical treatment, microbial involved in oral and maxillofacial region, immunological and physiological response in various oral and maxillofacial condition.

GRID 603 Biostatistics 3(3-0)
The basic knowledge on statistic as population and sample, analysis of data, measures of central tendency, measures of dispersion, descriptive statistics, probability of sample, probability distributions, standard error, estimation, hypothesis testing, analysis of variance, linear regression and correlation, nonparametric statistical analysis based on medical data. The application of biostatistics to medical research and related work.

DTSU 655 Oral and Maxillofacial Surgery Clinic II 4(0-12)

Ethically clinical practice will be on the treatment of odontogenic infection, treatment of and treatment of oroantral fistula. Preparations of patients prior to general anesthesia and major surgery and post-operative treatment are applied. Major surgical cases and anesthesiologist Asst. will need to perform.

DTSU 651 Oral and Maxillofacial Surgery Seminar II 1(1-0)
Extensive review and critical discussion of assigned articles concerning all aspects of oral and maxillofacial surgery with special emphasis on Oral and Maxillofacial trauma, infection, pathology, deformity as well as preprosthetic surgical procedures and implants.

DTID 632 Multidisciplinary Seminar Related to Oral Maxillofacial Surgery 1(1-0)
Case discussions will be on Oral Maxillofacial surgery and related subjects. Presentations will be on patients with oral lesions and pathological conditions emphasizing on history taking, extra and intra-oral examination, differential diagnosis, treatment planning and follow up will be in conjunction with Department of Pathology and Department of Radiology. Orthognathic surgical seminars will be in conjunction with Orthodontic Department and Maxillofacial prosthodontic seminars will be in conjunction with Maxillofacial Prosthodontic Unit.

DTSU 656 Oral and Maxillofacial Surgery Clinic III 3(0-9)
Ethically clinical practice will be on oral and maxillofacial preprosthetic surgery including implant surgical procedures. Complete patients work up on the major surgical cases including dentofacial deformity cases and Asst. on the advance cases.

DTSU 652 Oral and Maxillofacial Surgery Seminar III 1(1-0)
Seminars related to the cases of systemic compromised that in need of oral and maxillofacial surgical interventions especially in neurological, otolaryngological, plastics, ophthalmological and related fields.

DTSU 698 Thesis 12(0–36)
Oral and maxillofacial preprosthetic surgery and implants, Diagnosis and treatment of maxillofacial pathologic conditions, maxillofacial deformities, and maxillofacial trauma.

DTSU 657 Oral and Maxillofacial Surgery Clinic IV 3(0-9)
Ethically clinical practice will be on uncomplicated major oral and maxillofacial surgical cases of infection, trauma, cysts and tumors as well as dentofacial deformity cases and assists in the complicated maxillofacial surgical cases.

DTSU 653 Oral and Maxillofacial Surgery Seminar IV 1(1-0)

Collection of patients' data and present on the methods of examination, results, diagnoses and treatment planning, treatment and follow-up in including complications for discussion in various topics.

Admission Requirements

- 6.1 Students must be a graduate of an accredited dental institution awarding a D.D.S. .
- 6.2 Students must be obtain a Dental License from the Thai Dental Council or any other license that the Programme Committee consider to be equivalent.
- 6.3 Receive a cumulative GPA of at least 2.50
- 6.4 Have at least 1 year dental practice experience prior to the beginning of the programme
- 6.5 Exemptions from any of the above items may be granted by the Administrative Programme Committee and the Dean of Faculty of Graduate Studies.