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Doctor of Philosophy Programme in Dental Biomaterials Science (International Programme)

หลักสูตร ปรัชญาดุษฎีบัณฑิต

สาขาวิชา ทันตชีววัสดุศาสตร์(หลักสูตรนานาชาติ) (ภาคปกติ)

Faculty of Dentistry

Department of Prosthodontics

คณะทันตแพทยศาสตร์

ภาควิชา ทันตกรรมหัตถการ

Expected number of students to be accepted year round : 5 Students

Admission Requirements

A candidate must:

1. Have a Bachelor's degree in Dentistry or other related Sciences with GPA of no less than 3.50 or
2. Have a Master's degree in Sciences with GPA of no less than 3.50.
3. have a TOEFL score of at least 500, TOEFL computer-based score of 173, TOEFL Internet-based score of 61, or IELTS score of 5.

Those who do not have any of the test scores specified above will have to take the English Proficiency Examination of the Faculty of Graduate Studies on the specified examination day.

4. In case your qualification does not match to the admission criteria, candidates must prior attach A "Requesting Form for Examination" approved by the program director. The form must be submitted before making the application. Kindly download here:

http://www.grad.mahidol.ac.th/grad/admission/form_th.php

Students who are studying a Master's programme in Dental Biomaterials Science can become doctoral students provided that they have already taken and passed course work at the Master's degree level and have no less than 2/3 of the number of credits in the required courses and have received a grade point average of at least 3.50 and approvals from the Master's Programme Committee and Doctoral Programme Committee as well as the Dean of the Faculty of Graduate Studies.

Exceptions from the above conditions may be granted by the Programme Committee and the Dean of Faculty of Graduate Studies;

Written Examination (Applicants must attend the examination date accurately to your admission round.)

<u>First Round</u> January 17, 2015		<u>Second Round</u> May 16, 2015	
Subjects for examination	Time	Subjects for examination	Time
1. English	8.30 - 11.30 a.m.	1. English	8.30 - 11.30 a.m.
2. General Knowledge	11.30 - 12.30 p.m.	2. General Knowledge	11.30 - 12.30 p.m.

Examination Place
Mahidol University , Salaya , Nakhonpathom more details : www.grad.mahidol.ac.th or Announcement at Faculty of Graduate Studies branches.

Curriculum Structure

	Credit
For students with Bachelor's degree	
Elementary Course	none-Credit
Required Courses	20
Elective Courses no less than	4
Dissertation	48
For students with Master's degree	
Elementary Course	none-Credit
Required Courses	10
Elective Courses no less than	4
Dissertation	36

	Credit
Elementary Course	
For students with Bachelor's degree	
* The students who do not hold a D.D.S. degree must take the following course in addition to the above courses:	
DTID 530 Basic Dental Science	3(3-0-6)
Required Courses	
For students with Bachelor's degree	
DTID 522 Advanced Dental Biomaterials	3(3-0-6)
DTID 523 Reports in Dental Biomaterials	2(0-4-2)
DTID 524 Seminars in Dental Biomaterials I	1(1-0-2)
DTID 525 Seminars in Dental Biomaterials II	1(1-0-2)
DTID 528 Seminars in Dental Biomaterials III	1(1-0-2)
DTID 529 Seminars in Dental Biomaterials IV	1(1-0-2)
DTID 526 Testing Methods for Dental Biomaterials and Oral Hygiene Products	3(1-6-4)

DTID	531	Engineering Science for Dentistry	3(3-0-6)
DTID	514	Research Methodology	2(2-0-4)
GRID	603	Biostatistics	3(3-0-6)
For students with Master's degree			
DTID	524	Seminars in Dental Biomaterials I	1(1-0-2)
DTID	525	Seminars in Dental Biomaterials II	1(1-0-2)
DTID	528	Seminars in Dental Biomaterials III	1(1-0-2)
DTID	529	Seminars in Dental Biomaterials IV	1(1-0-2)
DTID	526	Testing Methods for Dental Biomaterials and Oral Hygiene Products	3(1-6-4)
DTID	531	Engineering Science for Dentistry	3(3-0-6)
DTID	530	Dental Science	3(3-0-6)
Elective Courses			
DTID	612	Clinical Dental Biomaterials	1(1-0-2)
DTOP	532	Restorative Dental Materials and Devices	2(2-0-4)
DTOP	631	Biology of Pulpodentinal Complex	1(1-0-2)
DTOP	635	Advanced Operative Dentistry Seminar	1(1-0-2)
DTPT	608	Prosthodontic Seminars I	1(1-0-2)
Dissertation			
DTID	699	Dissertation	36(0-108-0)
DTID	799	Dissertation	48(0-144-0)
* These may change in cases where there are suggestions for the improvement of the curriculum			

Additional advantages of the programme

1. Distinguished lecturers from abroad and local institutes.
2. Fully-equipped research laboratory.
3. Research focuses on development of dental (Biomaterial).

Application Process

Application is only available via online application at www.grad.mahidol.ac.th

Required Documents

Prepare the following required documents to submit via online admission system or post :

- Two (2) recent photographs (1x1 inch in size)
- A copy of an applicant's degree certificate or a letter of graduation certification 2 copies
(for an applicant with a degree completion)
- A letter certifying that an applicant is currently in the final year prior to graduation 2 copies
(for an applicant seeking for a degree)
- A detailed transcript of a degree (for an applicant with a degree completion) 2 copies
- A grade report with course names and grades received from the first to the current 2 copies
semester prior to graduation

- A copy of identification card 2 copies
- A copy of house registration certification 2 copies
- A copy of Certificate of English score: TOEFL/IELTS/MU-Test (if any). See detail here: http://www.grad.mahidol.ac.th/grad/academicinfo/engstandard2553_th.php 2 copies
Those who early submit a valid English score prior to the examination will be exempt from English test on the examination date.
- A copy of proof of payment.

Submitting documents via online admission system.

- All documents must be in pdf format (maximum size 2 MB)
- Recent photograph must be in jpeg format only (maximum size 2 MB)

Job option after graduation

1. Academic profession in Dental Biomaterials Science
2. A Researcher with the skills and potential in Dental Biomaterials Science
3. Professionals who publish and develop a science in Dental Biomaterials Science

Further information may be obtained from the director of Graduate Studies,

Dental Biomaterials Science:

1. Assoc. Prof. Dr. Choltacha Harnirattisai (E-mail : choltacha.har@mahidol.ac.th)
 2. Asst. Prof. Dr. Vanthana Sattabanasuk (E-mail : vanthana.sat@mahidol.ac.th)
- Aniversary Celebratron Building, Floor 14 ,
Department of Operative Dentistry and Endodontics , Faculty of Dentistry.
Tel: 0 2200 7825 Fax : 0 2200 7824

Program Coordinator

Mrs. Chanin Tanasoontrarat (E-mail : chanin.tan@mahidol.ac.th, vhanin.tana@gmail.com)
Chalemprakiert Building , Floor 7, Faculty of Dentistry.
Tel : 0 2200 7641 Fax : 0 2200 7637

- Notes**
1. The programme of Dental Biomaterials Science requires students to study the pre - requisite course:
 - DTID 530 Basic Dental Science 3(3-0-6) Credits
 2. For more education information : www.grad.mahidol.ac.th

For more information please contact The Student Admission Section.
Tel . 0 2441 4125 ext. 208-210 , 0 2441 9129 , E-mail : gradthai@mahidol.ac.th