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

**Faculty of Dentistry**

**Department of Prosthodontics**

**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 ITP score of at least 500, TOEFL Internet-based score of 61 or IELTS score of 5.

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;

**Curriculum Structure**

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

	<b>Credit</b>
<b>Elementary Course</b>	
<b>For students with Bachelor's degree</b>	
* 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)
<b>Required Courses</b>	
<b>For students with Bachelor's degree</b>	
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)
<b>For students with Master's degree</b>			
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)
<b>Elective Courses</b>			
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)
<b>Dissertation</b>			
DTID	699	Dissertation	36(0-108-0)
DTID	799	Dissertation	48(0-144-0)
<b>* These may change in cases where there are suggestions for the improvement of the curriculum</b>			

#### **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](http://www.grad.mahidol.ac.th)

#### **Required Documents**

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

1. Completed an Online Application at [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th) which comprised with
  - Form A** : Application Form
  - Form B** : Background and Proposed Field of Study
  - Form C** : Recommendation Forms (directly submitted by at least 2 referees)
2. Two copies of Degree Certificate (with officially certified English translation)
3. Two copies of Academic Transcript (with officially certified English translation)

4. Two copies of Recent Photos (Passport size)
5. Two copies of Passport
6. Two copies of English certificate (TOEFL/ IELTS/ MU-Grad Test)

**(For Doctoral Program)**

- TOEFL ITP score of at least 500, TOEFL Internet-based score of 61, or IELTS score of 5

**(For Master's Program)**

- TOEFL ITP score of at least 480, TOEFL Internet-based score of 54, IELTS score of 5 or MU GRAD TEST score of 60.

**Notes**

- Only accept TOEFL ITP score from examination center arranged by Faculty of Graduate Studies, Mahidol University.
- TOEFL ITP taken from other domestic and overseas institutes are invalid.
- The test date must be within previous 2 years before application date
- Applicant who obtained a valid English score must submit an **official score certificate** along with your application. Otherwise, your English score will not be considered.
- Detail of English Competency Standard for Admission:  
<http://www.grad.mahidol.ac.th/en/current-students/language-center.php>

7. Two copies of Curriculum Vitae
8. Two copies of Statement of Purposes and Career Goals
9. Two copies of Current bank statement / Scholarship letter (if any)
10. Two copies of Concept paper / research proposal (recommended for all applicants)
11. Two copies of additional documents may be requested by each program (such as letter of work experience / professional license/ related certificates and awards)

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. Pisol Senawongse (E-mail : [pisol.sen@mahidol.ac.th](mailto:pisol.sen@mahidol.ac.th))
  2. Asst. Prof. Dr. Vanthana Sattabanasuk (E-mail : [vanthana.sat@mahidol.ac.th](mailto: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](mailto:chanin.tan@mahidol.ac.th), [vhanin.tana@gmail.com](mailto: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](http://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 : [gradinter@mahidol.ac.th](mailto:gradinter@mahidol.ac.th)