Admission Number 3316DGG00

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

<table>
<thead>
<tr>
<th>For students with Bachelor's degree</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary Course</td>
<td>none-Credit</td>
</tr>
<tr>
<td>Required Courses</td>
<td>20</td>
</tr>
<tr>
<td>Elective Courses no less than</td>
<td>4</td>
</tr>
<tr>
<td>Dissertation</td>
<td>48</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>For students with Master's degree</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary Course</td>
<td>none-Credit</td>
</tr>
<tr>
<td>Required Courses</td>
<td>10</td>
</tr>
<tr>
<td>Elective Courses no less than</td>
<td>4</td>
</tr>
<tr>
<td>Dissertation</td>
<td>36</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTID 530</td>
<td>Basic Dental Science</td>
<td>3(3-0-6)</td>
</tr>
</tbody>
</table>

Required Courses

For students with Bachelor's degree

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTID 522</td>
<td>Advanced Dental Biomaterials</td>
<td>3(3-0-6)</td>
</tr>
</tbody>
</table>
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:
1. Completed an Online Application at 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.

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)
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 educational 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: gradinter@mahidol.ac.th