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Doctor of Philosophy Programme in Oral Biology (International Programme)

Faculty of Dentistry

Admission Requirements

1. Applicant for plan 1

Applicant must:

- 1.1. Graduated in Master's Degree program in Health Science, Bioscience or other related fields from institutes accredited by the Commission of Higher Education with GPA not less than 3.50 or
- 1.2. Graduated in Bachelor's Degree program in Dentistry, Medicine, Veterinary, Health Science, Bioscience or other related fields from institutes accredited by the Commission of Higher Education with GPA not less than 3.25 and have published publication at least 1 paper in accredited international journals, Those publications must not be a partial - fulfillment of graduation.
- 1.3. Have working experience as a university lecturer
- 1.4. Have a TOEFL ITP score of at least 500, TOEFL Internet-based score of 61 or IELTS score of 5 .

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

2.Applicant for plan 2

Applicant must:

- 2.1 Graduated/ be studying in the final year of Master's degree program in Health Science, Bioscience or other related fields from institutes accredited by the Commission of Higher Education with GPA not less than 3.50 or
- 2.2 Graduated/ be studying in the final year of Bachelor's degree program Dentistry, Medicine, Veterinary, Health Science, Bioscience or other related fields from institutes accredited by the Commission of Higher Education with GPA not less than 3.50
- 2.3 Have a TOEFL ITP score of at least 500, TOEFL Internet-based score of 61 or IELTS score of 5 .

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

Curriculum Structure

Credit	
Plan 1	
Plan 1.1	
<i>For students with Master's degree to the Doctoral degree level</i>	
Dissertation	48
<i>For students with Bachelor's degree to the Doctoral degree level</i>	
Dissertation	72
Plan 2	
Plan 2.1	
<i>For students with Master's degree to the Doctoral degree level</i>	
Required Courses	7
Elective courses no than less	5
Dissertation	36
Plan 2.2	
<i>For students with Bachelor's degree to the Doctoral degree level</i>	
Required Courses	22
Elective courses no than less ²	
Dissertation	48

Credit	
Required Courses	
<i>For students with Bachelor's degree to the Doctoral degree level 22 credit</i>	
SCID 500 Cell and Molecular Biology	3(3-0-6)
GRID 603 Biostatistics	3(3-0-6)
DTID 514 Research Methodology	2(2-0-4)
DTID 515 Oral Biology I	2(2-0-4)
DTID 516 Oral Biology II	1(1-0-2)
DTOB 618 Special Topics Seminar in Oral Biology	1(1-0-2)
DTOB 619 Connective and Mineralized Tissues	3(3-0-6)
DTOB 620 Oral Biology Seminar I	1(1-0-2)
DTOB 621 Oral Biology Seminar II	1(1-0-2)
DTOB 622 Oral Biology Seminar III	1(1-0-2)
DTOB 623 Oral Biology Seminar IV	1(1-0-2)
DTOB 624 Laboratory Techniques for Oral Biology Research	2(1-3-3)
DTOB 625 Molecular Biology in Dentistry	1(1-0-2)

DTOB 618 Special topics seminar in Oral Biology	1(1-0-2)
DTOB 619 Connective and Mineralized Tissues	3(3-0-6)
DTOB 622 Oral Biology Seminar III	1(1-0-2)
DTOB 623 Oral Biology Seminar IV	1(1-0-2)
DTOB 625 Molecular Biology in Dentistry	1(1-0-2)

Elective courses

For students with Master's degree to the Doctoral degree level no than less 5 credit

For students with Bachelor's degree to the Doctoral degree level no than less 2 credit

DTAN 601 Applied Anatomy of Head and Neck	1(1-0-2)
DTAN 612 Ultrastructure of Cells and Oral Tissues	2(2-0-4)
DTBC 611 Oral Biochemistry	2(2-0-4)
DTMI 610 Microbiological Methods in Dentistry	2(0-6-2)
DTMI 612 Advanced Oral Microbiology and Immunology	2(1-3-3)
DTPA 611 Oral Pathology	2(2-0-4)
DTPM 613 Clinical Pharmacology in Dentistry	2(2-0-4)
DTPM 614 Applied Pharmacokinetics and Pharmacodynamic	2(2-0-4)
DTPM 615 Applied Toxicology in Dental Practice	1(1-0-2)
DTPM 616 Drug Administration in Patients of Systemic Disease	1(1-0-2)

Dissertation

Plan 1

Plan 1.1

For students with Master's degree to the Doctoral degree level

DTOB 898 Dissertation	48(0-144-0)
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Plan 1.2

For students with Bachelor's degree to the Doctoral degree level

DTOB 899 Dissertation	72(0-216-0)
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Plan 2

Plan 2.1

For students with Master's degree to the Doctoral degree level

DTOB 699 Dissertation	36(0-108-0)
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Plan 2.2

For students with Bachelor's degree to the Doctoral degree level

DTOB 799 Dissertation	48(0-144-0)
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* These may change in cases where there are suggestions for the improvement of the curriculum

Concept Paper Presentation

- Describe field of interest and potential research topic of interest.
- Describe how this study will benefit to their career.

Areas of research that a student can select for his / her research Thesis / Dissertation

1. Oral Toxicology and Carcinogenesis
2. Orofacial and Dental Pain
3. Pathogenesis of Periodontal Diseases
4. Tracing Neuronal Connection

Additional advantages of the programme

Integrated Clinical training and Ph.D. programme were also available.

Details of Scholarships

1. Scholarship of the 60th Year Supreme Reign of His Majesty King BhumibolAdulyadej.
2. Royal Golden Jubilee Ph.D. Scholarships (RGJ).

Job option after graduation

- Teacher
- Researcher

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.
- 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)

Further information may be obtained from the Director of Graduate Studies, Oral Biology :

1. **Assist. Prof. Dr. PanjitChunhabundit** (E-mail : panjit.chu@mahidol.ac.th)
Building 6, Floor 4, Department of Anatomy, Faculty of Dentistry.
Tel : 0 2200 7801 Fax : 0 2200 7848
2. **Assoc. Prof. Dr. RatchapinSrisatjaluk** (E-mail : ratchapin.sri@mahidol.ac.th)
Building 6 , Floor 5, Department of Oral Microbiology, Faculty of Dentistry.

Program Coordinator

Ms.SirilukPromvisut (E-mail : siriluk.pro@mahidol.ac.th)
HRH Princess MahaChakriSirindhorn 50th Birthday Anniversary Celebration Building ,
Floor 7, Faculty of Dentistry.
Tel : 0 2200 7634 - 35 Fax : 0 2200 7635

- Notes**
1. The programme of Oral Biology requires students to study the pre - requisite course:
 - SCID 500 Cell and Molecular Biology 3 Credits
 2. For more education information : www.grad.mahidol.ac.th

<p>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</p>
