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Doctor of Philosophy Programme in Neurosciences (International Programme)

หลักสูตร ปรัชญาดุษฎีบัณฑิต

สาขาวิชา ประสาทวิทยาศาสตร์ (หลักสูตรนานาชาติ) (ภาคปกติ)

Institute of Molecular Biosciences

สถาบันชีววิทยาศาสตร์โมเลกุล

Expected number of students to be accepted year round : 10 Students

Admission Requirements

A candidate must :

For students with Bachelor's degree

1. Has received a B.Sc. with honor.
2. 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.

3. 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

Exemptions from the above conditions may be granted by the Programme Committee under exceptional circumstances.

For students with Master's degree

1. Has received a M.Sc. degree
2. have a grade point average of at least 3.5;
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:

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Exemptions from the above conditions may be granted by the Programme Committee under exceptional circumstances.

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.
3. Neuroscience	1.30 - 4.30 p.m	3. Neuroscience	1.30 - 4.30 p.m
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 Master's degree	
Required Courses	7
Elective Courses no less than	5
Thesis	36
For students with Bachelor's degree	
Required Courses	21
Elective Courses no less than	8
Thesis	48

	Credit
Required Courses	
For students with Master's degree	
MBNS 693 Seminars in Cellular Mechanisms in Neuroscience	1(1-0-2)
MBNS 694 Seminars in Integrated Neuroscience	1(1-0-2)
MBNS 651 Neuroendocrinology	3(3-0-6)
MBNS 654 Selected Topics in Contemporary Neuroscience	2(2-0-4)
For students with Bachelor's degree	
MBNS 600 Neurobiology	3(2-2-5)
MBNS 601 Systemic Neuroscience	3(3-0-6)

MBNS 602 Cellular and Molecular Neurochemistry	3(3-0-6)
MBNS 603 Neuropsychopharmacology	3(3-0-6)
MBNS 604 Research Methodology and Techniques in Neuroscience	2(1-2-3)
MBNS 651 Neuroendocrinology	3(3-0-6)
MBNS 654 Selected Topics in Contemporary Neuroscience	2(2-0-4)
MBNS 693 Seminars in Cellular Mechanisms in Neuroscience	1(1-0-2)
MBNS 694 Seminars in Integrated Neuroscience	1(1-0-2)
Elective Courses	
SCID 500 Cell and Molecular Biology	3(3-0-6)
MBNS 650 Developmental Neuroscience	2(2-0-4)
MBNS 652 Neuropathology	3(3-0-6)
MBNS 653 Clinical Neuroscience	3(3-0-6)
Thesis	
MBNS 699 Dissertation	36/48(0-108/144-0)
* These may change in cases where there are suggestions for the improvement of the curriculum	

Additional advantages of the programme

The Neurosciences Program at Mahidol University has signed MOU contracts with several prominent Universities in the UK, USA, Norway, Sweden, Denmark, Australia, etc.

Application Process

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

Details of Scholarships

- MB Research Assistant - TRF-RGJ Ph.D. Scholarship

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 (for an applicant with a degree completion) 2 copies
- A letter certifying that an applicant is currently in the final year prior to graduation (for an applicant seeking for a degree) 2 copies
- 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 semester prior to graduation 2 copies
- A copy of identification card 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 house registration certification
- A copy of proof of payment.

2 copies

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

- Public and private university lecturer in neuroscience
- Researchers or scientists in neuroscience at public or private sectors
- Neuroscience specialist in company
- Consultant in neuroscience

Further information may be obtained from the Director of Graduate Studies, Neuroscience.

1. Assoc. Prof. Banthit Chetsawang (E-mail : banthit.che@mahidol.ac.th)

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Program Coordinator

Mrs.Somsong Pheungsukdang (E-mail : somsong.phe@mahidol.ac.th)

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Mahidol University, Salaya.

Tel: 0 2441 9003-7 Ext. 1311 Fax: 0 2441 1013

Notes 1. The programme of Medical Biochemistry and Molecular Biology requires students to study the pre - requisite course:

- SCID 500 Cell and Molecular Biology 3 Credits
2. For more education information : <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 : gradthai@mahidol.ac.th**