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Doctor of Philosophy Program in Neuroscience (International Program)

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. Submit a certificate of English proficiency with minimum admission score:
 - IELTS - at least 3 or
 - TOEFL INTERNET BASED - at least 32 or
 - TOEFL ITP (test arranged by Faculty of Graduate Study, Mahidol University) - at least 400

Important Notes:

- English proficiency score must be taken within 2 years up to the admission date.
 - Application without submitting a valid English certificate will NOT be considered.
 - MU English Competence Standards: www.grad.mahidol.ac.th
 - MU English proficiency tests, please contact the Language Center, Faculty of Graduate Studies. Tel. 0-2441-4125 ext. 221-222
3. Exemptions from the above conditions may be granted by the Program 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. Submit a certificate of English proficiency with minimum admission score:
 - IELTS - at least 3 or
 - TOEFL INTERNET BASED - at least 32 or
 - TOEFL ITP (test arranged by Faculty of Graduate Study, Mahidol University) - at least 400

Important Notes:

- English proficiency score must be taken within 2 years up to the admission date.
 - Application without submitting a valid English certificate will NOT be considered.
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4. Exemptions from the above conditions may be granted by the Program Committee under exceptional circumstances

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

Subjects for examination	Time (Morning session)
1. Neuroscience	9.00 - 12.00 a.m.
Examination Place Mahidol University, Salaya, Nakhonpathom more details : www.grad.mahidol.ac.th	

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)
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*** These may change in cases where there are suggestions for the improvement of the curriculum**

Additional advantages of the program

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

Applicants must upload all documents via online admission system. All documents must be in PDF format (maximum size 2 MB). Photograph must be in JPEG format

- 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)
- A letter certifying that an applicant is currently in the final year prior to graduation (for an applicant seeking for a degree)
- A detailed transcript of a degree (for an applicant with a degree completion)
- A grade report with course names and grades received from the first to the current semester prior to graduation
- A copy of identification card
- A copy of house registration certification

- A copy of Certificate of English proficiency : IELTS / TOEFL INTERNET BASED / TOEFL ITP
- A copy of proof of payment.

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. Dr. 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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- Notes**
1. The program of Neuroscience 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>

<p>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</p>
