

Admission Number

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 7 | 2 | 0 | 2 | D | G | 0 | 0 |
|---|---|---|---|---|---|---|---|

**Doctor of Philosophy Programme in Neurosciences (International Programme)**

**Institute of Molecular Biosciences**

**Admission Requirements**

A candidate must :

**For students with Bachelor's degree**

1. Has received a B.Sc. with honor.
2. Have a TOEFL ITP score of at least 500, TOEFL Internet-based score of 61 or IELTS score of 5 .

Those who do not have any of the test score specified above will have to take the English Proficiency Examination of the Faculty of Graduate Studies on the specified examination day.

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

Those who do not have any of the test score specified above will have to take the English Proficiency Examination of the Faculty of Graduate Studies on the specified examination day.

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

**Curriculum Structure**

|  | <b>Credit</b> |
|--|---------------|
| <b>For students with Master's degree</b>   |               |
| Required Courses                           | 7             |
| Elective Courses no less than              | 5             |
| Thesis                                     | 36            |
| <b>For students with Bachelor's degree</b> |               |
| Required Courses                           | 21            |
| Elective Courses no less than              | 8             |
| Thesis                                     | 48            |

|  | <b>Credit</b> |
|--|---------------|
| <b>Required Courses</b>                  |               |
| <b>For students with Master's degree</b> |               |

|  |                    |
|--|--------------------|
| 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)           |
| <b>For students with Bachelor's degree</b>   |                    |
| 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)           |
| <b>Elective Courses</b>  |                    |
| 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)           |
| <b>Thesis</b>  |                    |
| MBNS 699 Dissertation  | 36/48(0-108/144-0) |
| <b>* These may change in cases where there are suggestions for the improvement of the curriculum</b> |                    |

### **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](http://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:

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**

- 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](mailto:banthit.che@mahidol.ac.th))**

Room A209 , Institute of Molecular Biosciences Building, Floor 2 ,  
Research Center for Neuroscience, Institute of Molecular Biosciences,  
Mahidol University, Salaya.

Tel: 0 2441 9003-7 Ext. 1206,1330 Fax: 0 2441 1013

**Program Coordinator**

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

Room A3, Institute of Molecular Biosciences Building, Floor 3 ,  
Research Center for Neuroscience, Institute of Molecular Biosciences,  
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 : [gradinter@mahidol.ac.th](mailto:gradinter@mahidol.ac.th)**