Master of Science Programme in Neurosciences (International Programme)

Institute of Molecular Biosciences

Admission Requirements
A candidate must:
1. Hold a Bachelor’s degree or equivalent in General, Biological, Physical or Medical Sciences;
2. have a grade point average of at least 2.5;
3. have a TOEFL ITP score of at least 480, TOEFL Internet-based score of 54 or IELTS score of 5 or MU GRAD TEST score of 60.

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.

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

Curriculum Structure

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td>16</td>
</tr>
<tr>
<td>Elective Courses no less than</td>
<td>8</td>
</tr>
<tr>
<td>Thesis</td>
<td>12</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>MBNS 600 Neurobiology</td>
<td>3(2-2-5)</td>
</tr>
<tr>
<td>MBNS 601 Systemic Neuroscience</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>MBNS 602 Cellular and Molecular Neurochemistry</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>MBNS 603 Neuropsychopharmacology</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>MBNS 604 Research Methodology and Techniques in Neuroscience</td>
<td>2(1-2-3)</td>
</tr>
<tr>
<td>MBNS 691 Seminar in Neuroscience</td>
<td>1(1-0-2)</td>
</tr>
<tr>
<td>MBNS 692 Seminars in Methodology in Neuroscience *</td>
<td>1(1-0-2)</td>
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<table>
<thead>
<tr>
<th>Elective Courses</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>SCID 500 Cell and Molecular Biology</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>MBNS 650 Developmental Neuroscience</td>
<td>2(2-0-4)</td>
</tr>
<tr>
<td>MBNS 652 Neuropathology</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>MBNS 653 Clinical Neuroscience</td>
<td>3(3-0-6)</td>
</tr>
</tbody>
</table>

| Thesis                                                | 12(0-48-0) |

* These May Change in Cases Where There are Suggestions for The Improvement of The Curriculum
Additional advantages of the programme

The Neurosciences Programme at Mahidol University has signed MOU's with several prominent universities in the UK, USA, Norway, Sweden, Denmark and Australia.

Additional information for applicants

If, Please contact the Neuro-Behavioral Biology Center (Tel 0 2441 9003-7 Ext. 1203)

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

- Lecturer at university or private company
- Researchers or scientists at university or private company
- Specialist in neuroscience at private 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)
   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)
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