Admission Number 2018MG00

Master of Science Programme in Medical Biochemistry and Molecular Biology
(International Programme)

Faculty of Medicine, Siriraj Hospital

Department of Biochemistry

Admission Requirements
A candidate must:
1. Hold a degree or be studying in the final year of Bachelor’s Degree of Science (all fields of study), Doctor of Dental Surgery, Doctor of Medicine, Bachelor of Pharmacy, Doctor of Veterinary Medicine, or other related fields
2. Have a minimum grade point average of 2.50;
3. Fulfill the requirements of the Faculty of Graduate Studies;
4. 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.

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

Curriculum Structure

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCID 500 Cell and Molecular Biology</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>SIBC 504 Biochemistry</td>
<td>4(4-0-8)</td>
</tr>
<tr>
<td>SIBC 512 Biochemistry Laboratory</td>
<td>3(0-6-3)</td>
</tr>
<tr>
<td>SIBC 584 Biochemistry Seminar I</td>
<td>1(1-0-2)</td>
</tr>
<tr>
<td>SIBC 684 Biochemistry Seminar II</td>
<td>1(1-0-2)</td>
</tr>
<tr>
<td>SIBC 606 Advanced Biochemistry</td>
<td>4(4-0-8)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective Courses</th>
<th>credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRID 512 Basic Medical Sciences and Correlated Clinical Sciences</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>GRID 603 Biostatistics</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>SIBC 505 Laboratory Technique</td>
<td>2(2-0-4)</td>
</tr>
<tr>
<td>SIBC 603 Biochemistry of Diseases</td>
<td>2(2-0-4)</td>
</tr>
<tr>
<td>SIBC 604 Statistics in Medical Genetics</td>
<td>1(1-0-2)</td>
</tr>
<tr>
<td>SIRE 501 Statistics</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>SIRE 502 Research Methodology</td>
<td>2(2-0-4)</td>
</tr>
</tbody>
</table>
Additional advantages of the programme
The department has diverse research activities in the areas of cellular, molecular and clinical biochemistry.

Detail of Scholarships
1. Scholarship of the 60th Year Supreme Reign of His Majesty King Bhumibol Adulyadej.
2. Siriraj Graduate Thesis Scholarship.
3. Siriraj Graduate Scholarship.

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 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
- Researcher, scientist, academician in the field of Biochemistry and Medical Molecular Biology
- Biochemistry and Medical Molecular Biology laboratory manager
- Other related field of career which the knowledge of Biochemistry and Medical Molecular Biology is required.

Further information may be obtained from the Director of Graduate Studies, Medical Biochemistry and Molecular Biology:

1. Asst. Prof. Dr. Vorapan Sirivatanauksorn (E-mail: vorapan.sir@mahidol.ac.th)
   Srisavarintira Building, Floor 10,
   Department of Biochemistry, Faculty of Medicine, Siriraj Hospital
   Tel: 0 2419 9140        Fax: 0 2419 9141

2. Asst. Prof. Dr. Chatchawan Srisawat (E-mail: chatchawan.sri@mahidol.ac.th)
   Srisavarintira Building, Floor 10,
   Department of Biochemistry, Faculty of Medicine, Siriraj Hospital
   Tel: 0 2419 9144        Fax: 0 2419 9141

Program Coordinator
Miss. Kanoklak Thanachotphutthinun (Email: wannisa.imb@mahidol.ac.th)
Srisavarintira Building, Floor 10,
Department of Biochemistry, Faculty of Medicine, Siriraj Hospital
Tel: 0 2419 5356        Fax: 0 2419 9141

Notes
1. The programme of Medical Biochemistry and Molecular Biology requires students to study the pre-requisite course:
   - SIID 500 MOLECUL & CELL BASIS OF BIOMED            3 Credits

2. For more education information: http://www.grad.mahidol.ac.th

For more Information please contact The Student Admissions Section.
Tel. 0 2441 4125 ext. 208-210, 0 2441 9129, E-mail: gradinter@mahidol.ac.th