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**Master of Science Programme in Immunology (International Programme)**

หลักสูตร วิทยาศาสตร์มหาบัณฑิต

สาขาวิชา วิทยาภูมิคุ้มกัน (หลักสูตรนานาชาติ) (ภาคปกติ)

Faculty of Medicine Siriraj Hospital

Department of Immunology

คณะแพทยศาสตร์ศิริราชพยาบาล

ภาควิชา วิทยาภูมิคุ้มกัน

**Expected number of students to be accepted year round : 25 Students**

**Admission Requirements**

**A candidate must:**

1. Student must hold a Bachelor's Degree in Science or an equivalent degree in Pharmacy, Dentistry, Veterinary Medicine, Medicine or those related to Immunology.
2. Receive a cumulative GPA of at least 2.50.
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 or
  - MU GRAD TEST (COMPUTER BASED) - at least 36

**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](http://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
4. Exemption 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)

Subjects for examination	Time (Morning session)
1. Biology 2. Biochemistry 3. Microbiology	9.00 - 12.00 a.m.
<b>Examination Place</b> Mahidol University , Salaya , Nakhonpathom more details : <a href="http://www.grad.mahidol.ac.th">www.grad.mahidol.ac.th</a>	

## Curriculum Structure

	<b>Credit</b>
Required Courses	18
Elective Courses no less than	6
Thesis	12

	<b>Credit</b>
<b>Required Courses</b> <b>*study only 1 course</b>	
GRID 603 Biostatistics *	3(3-0-6)
SCID 516 Biostatistics *	3(3-0-6)
SCID 500 Cell and Molecular Biology	3(3-0-6)
SCMI 602 Advanced Immunology	3(3-0-6)
SIIM 501 Immunology	2(2-0-4)
SIIM 611 Molecular Immunology	2(2-0-4)
SIIM 612 Diagnostic Immunology	3(2-2-5)
SIIM 619 Immunology Seminar I	2(2-0-4)
<b>Elective Courses</b>	
SIIM 614 Immunity and Infection	2(2-0-4)
SIIM 615 Molecular Biochemistry of Cancer	1(1-0-2)
SIIM 616 Stem Cell Science	3(3-0-6)
SIIM 617 Advanced Flow Cytometry	2(1-1-2)
SIIM 618 Molecular Biology Techniques	3(2-2-0)
<b>Thesis</b>	
SIIM 698 Thesis	12(0-36-0)
<b>* These may be changed in case of curriculum revision</b>	

## Additional advantages of the programme

1. Two Senior Research Scholars from Thailand Research Fund
2. Immunology and Molecular Biology in Medicine

## Details of Scholarships

- Fundings from :
- Faculty of Medicine Siriraj Hospital
  - Thailand Research Fund (TRF)
  - National Science and Technology Development Agency (NSTDA)

### **Job option after graduation**

- Lecturer
- Academia
- Project Analyst

### **Application Process**

Application is only available via online application at [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th)

### **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 / MU GRAD TEST(COMPUTER BASED)
- A copy of proof of payment.

Further information may be obtained from the Faculty of Graduate Studies, Immunology:

#### **Program Director / Secretariat**

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#### **Program Officer**

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Tel : 0 2419 9752 Fax : 0 2418 1636

#### **Note**

1. 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](mailto:gradthai@mahidol.ac.th)