

Admission Number

2	1	1	1	M	G	0	0
---	---	---	---	---	---	---	---

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

หลักสูตร วิทยาศาสตร์มหาบัณฑิต

สาขาวิชา สรีรวิทยา (หลักสูตรนานาชาติ) (ภาคปกติ)

Faculty of Science

Department of Physiology

คณะวิทยาศาสตร์

ภาควิชา สรีรวิทยา

Expected number of students to be accepted all year round : 10 Students

**Admission Requirements**

**A candidate must:**

1. Those having completed a course of a study with good academic performance in Medicine, Dentistry, Veterinary Sciences, Pharmacy, Nursing, Physical Therapy, Medical Technology And Public Health are welcome to apply.
2. have a grade point average of at least 2.5; or 75%
3. have a TOEFL score of at least 480, TOEFL computer-based score of 157, TOEFL Internet-based score of 54, or IELTS score of 4.5 or pass the English Proficiency Examination arranged by the Faculty of Graduate Studies.

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.

4. In case your qualification does not match to the admission criteria, candidates must prior attach A "Requesting Form for Examination" approved by the program director. The form must be submitted before making the application. Kindly download here:

[http://www.grad.mahidol.ac.th/grad/admission/form\\_th.php](http://www.grad.mahidol.ac.th/grad/admission/form_th.php)

Exemption 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.)

<u>First Round</u> January 17, 2015		<u>Second Round</u> May 16, 2015	
Subjects for examination	Time	Subjects for examination	Time
1. English	8.30 - 11.30 a.m.	1. English	8.30 - 11.30 a.m.
2. General Knowledge	11.30 - 12.30 p.m.	2. General Knowledge	11.30 - 12.30 p.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> or Announcement at Faculty of Graduate Studies branches.			

## Curriculum Structure

	<b>Credit</b>
Plan A, Type A(2)	
Required Courses	15
Elective Courses	9
Thesis	12

	<b>Credit</b>
<b>Required Courses</b>	
SCID 516 Biostatistics	3(3-0-6)
SCID 518 Generic Skills in Science Research	1(1-0-2)
SCPS 606 Physiology Seminar I	1(1-0-2)
SCPS 607 Physiology Seminar II	1(1-0-2)
SCPS 612 Current Topics in Physiology	3(3-0-6)
SCPS 639 Laboratory Methods in Physiology	1(0-3-1)
SCPS 630 Scientific Paper Analysis	1(0-3-1)
SCPS 631 Systems Physiology	4(3-2-7)
<b>Elective Courses</b>	
SCID 500 Cell and Molecular Biology Cell	3(3-0-6)
SCID 502 Cell Science	2(2-0-4)
SCID 506 Concepts of Molecular Bioscience	2(2-0-4)
SCID 507 Microscopic Technique	1(0-2-1)
SCID 508 Biomolecular and Spectroscopy Techniques	1(0-2-1)
SCID 509 Separation Techniques	1(0-2-1)
SCID 510 Immunological Methods	1(0-2-1)
SCID 511 Gene Technology	1(0-2-1)
SCID 512 Receptor Binding and Enzyme Kinetic Assays	1(0-2-1)
SCID 513 Animal Cell Culture Techniques	1(0-2-1)
SCID 514 Animal Experimentation in Biomedical Research	1(0-2-1)
SCPM 611 Advanced Pharmacology	3(3-0-6)
SCPS 623 Neurophysiology	2(2-0-4)
<b>Thesis</b>	
SCPS 698 Thesis	12(0-36-0)
* These may change in cases where there are suggestions for the improvement of the curriculum	

### **Additional advantages of the programme**

1. Every student is entitled to receive of scholarship.
2. Extracurricular activities include participation in workshops, seminars and lectures given by 5 -10 visiting scientists per year.

### **Application Process**

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

### **Required Documents**

Prepare the following required documents to submit via online admission system or post :

- Two (2) 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) 2 copies
- A letter certifying that an applicant is currently in the final year prior to graduation (for an applicant seeking for a degree) 2 copies
- A detailed transcript of a degree (for an applicant with a degree completion) 2 copies
- A grade report with course names and grades received from the first to the current semester prior to graduation 2 copies
- A copy of identification card 2 copies
- A copy of house registration certification 2 copies
- A copy of Certificate of English score: TOEFL/IELTS/MU-Test (if any). See detail here: [http://www.grad.mahidol.ac.th/grad/academicinfo/engstandard2553\\_th.php](http://www.grad.mahidol.ac.th/grad/academicinfo/engstandard2553_th.php) 2 copies  
Those who early submit a valid English score prior to the examination will be exempt from English test on the examination date.
- A copy of proof of payment.

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**

- ผู้เชี่ยวชาญด้านสรีรวิทยาในสถาบันอุดมศึกษาทั้งภาครัฐและเอกชน
- นักวิทยาศาสตร์ นักวิจัย นักวิชาการ ด้านสรีรวิทยาในหน่วยงาน สถาบัน องค์กรทั้งภาครัฐและเอกชน

Further information may be obtained from the Director of Graduate Studies, Physiology :

1. **Asst. Prof.Dr. Arthit Chairoungdua** (E-mail : [arthit.chi@mahidol.ac.th](mailto:arthit.chi@mahidol.ac.th))

Room Pr 401, Preclinic Building, Floor 4,  
Department of Physiology, Faculty of Science.

Tel. : 0 2201 5610 Fax. : 0 2354 7154

**Program Coordinator**

- Miss Ummara Muang-Ngam** (E-mail : [ummara.mua@mahidol.ac.th](mailto:ummara.mua@mahidol.ac.th))

Room Pr404, Preclinic Building, Floor 4,  
Department of Physiology, Faculty of Science.

Tel. : 0 2201 5611 Fax. : 0 2354 7154

- Notes**
1. The programme of Physiology requires students to study the pre - requisite course:  
- SCID 500 Cell and Molecular Biology 3 Credits
  2. For more information : [www.grad.mahidol.ac.th](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)**