

Admission Number

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**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 : 2 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 3.00; 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. For those who already hold a valid English score, please submit its certificate along with all application documents.

**Curriculum Structure**

	Credit
Plan A, Type A(2)	
Required Courses	15
Elective Courses	9
Thesis	12

	Credit
<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)

### Elective Courses

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)

### Thesis

SCPS	698	Thesis	12(0-36-0)
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\* 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
- 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)