

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 : 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. 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
 - 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

There is NO written examination for this program. Applicants must check their eligibility for interview upon the announcing date of the interview list which is scheduled for each admission round.

Curriculum Structure

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

			Credit
Required Courses			
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)

* 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

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.

Job option after graduation

- Physiologist in public/private University for higher education
- Scientist/Researcher/Academic Research in the field of Physiology in public/private sector or organization

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)

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

Tel. : 0 2201 5619 Fax. : 0 2354 7154

Program Coordinator

Miss Ummara Muang-Ngam (E-mail : 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

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