Master of Science Programme in Exercise Physiology (International Programme)

Faculty of Science  Department of Physiology

Admission Requirements

A candidate must:

1. Those having completed a course of a study with good academic performance in Bachelor of Science or related field including Physical therapy, Occupational Therapy, Sport Sciences, Medicine, Dentistry, Veterinary Medicine, Pharmacy, Nursing, Radiation techniques, Medical Technology and Public Health.
2. have a grade point average of at least 2.50
3. 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 which the above conditions may be granted by the Programme Committee and the Dean of Faculty of Graduate Studies.

Curriculum Structure

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRID 603 Biostatistics</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>SCID 502 Cell Science</td>
<td>2(2-0-4)</td>
</tr>
<tr>
<td>SCID 518 Generic Skills in Science Research</td>
<td>1(1-0-2)</td>
</tr>
<tr>
<td>SCPS 664 Advanced Exercise Physiology</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>SCPS 665 Seminar in Physiology of Exercise</td>
<td>1(1-0-2)</td>
</tr>
<tr>
<td>SCPS 661 Physical Fitness Testing and Exercise Prescription</td>
<td>3(2-2-5)</td>
</tr>
<tr>
<td>SCPS 663 Practicum in Exercise for Health</td>
<td>3(1-4-4)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective Courses</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>SCID 500 Cell and Molecular Biology</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>SCID 507 Microscopic Techniques</td>
<td>1(0-2-1)</td>
</tr>
<tr>
<td>SCID 508 Biomolecular and Spectroscopy Techniques</td>
<td>1(0-2-1)</td>
</tr>
<tr>
<td>SCID 509 Separation Techniques</td>
<td>1(0-2-1)</td>
</tr>
<tr>
<td>SCID 510 Immunological Methods</td>
<td>1(0-2-1)</td>
</tr>
<tr>
<td>SCID 511 Gene Technology</td>
<td>1(0-2-1)</td>
</tr>
</tbody>
</table>
Additional advantages of the programme

The programme has been revised recently (June 2009). Please check the curriculum structure and course lists for details.

Detail of Scholarships

1. Scholarship of the 60th Year Supreme Reign of His Majesty King Bhumibol Adulyadej.
2. Scholarships are available for all graduate students.

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 5 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
1. Scientists, Researchers and Experts in applied and exercise physiology Consultants in Health Club and other health Organization.
2. Medical product specialist.

Further information may be obtained from the Director of Graduate Studies, Exercise Physiology:
1. Lect. Dr. Tossaporn Yimlamai (E-mail: tossaporn.yim@mahidol.ac.th)
   Room B508, Biology Building, Floor 5,
   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)
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 Exercise Physiology requires students to study the pre-requisite course:
   - SCID 500 Cell and Molecular Biology 3 Credits
2. For more information: http://www.grad.mahidol.ac.th and http://www.sc.mahidol.ac.th/scps

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