Admission Number 2622MG00

Master of Science Programme in Nutraceuticals and Functional Foods (International Programme)

Faculty of Pharmacy

Admission Requirements

Candidates must:

1. Graduate or currently enroll in the final year of Bachelor of Science in Pharmacy or Pharmacy Programme or Bachelor of Science (Food Science) or other science-related programmes from the academic institutes which were approved by Office of the Higher Education Commission
2. Have a minimum grade point average of 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 the above conditions may be granted by the Programme Committee under exceptional circumstances.

Curriculum Structure

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
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<tr>
<td>Required Courses</td>
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<tr>
<td>PYFC 601</td>
<td>Nutraceuticals I</td>
<td>3(3-0-6)</td>
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<tr>
<td>PYFC 602</td>
<td>Functional Foods I</td>
<td>3(3-0-6)</td>
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<tr>
<td>PYFC 603</td>
<td>Bioactive Compounds</td>
<td>3(3-0-6)</td>
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<tr>
<td>PYFC 604</td>
<td>Food Chemistry</td>
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<td>PYFC 605</td>
<td>Product Development of Nutraceuticals and Functional Foods</td>
<td>3(2-3-5)</td>
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<tr>
<td>PYFC 676</td>
<td>Seminar in Nutraceuticals and Functional Foods I</td>
<td>1(1-0-2)</td>
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<tr>
<td>PYFC 677</td>
<td>Seminar in Nutraceuticals and Functional Foods II</td>
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<td>PYID 685</td>
<td>Research Methodology in Pharmacy I</td>
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<td>Elective Courses</td>
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<td>PYFC 606</td>
<td>Sensory Evaluation Methods</td>
<td>3(2-3-5)</td>
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<tr>
<td>PYFC 607</td>
<td>Biological, pharmacological, epidemiological, and clinical studies</td>
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<td>PYFC 608</td>
<td>Nutraceuticals II</td>
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<tr>
<td>PYFC 609</td>
<td>Functional Foods II</td>
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<tr>
<td>PYFC 610</td>
<td>Quality Assurance in the Industries of Nutraceuticals and Functional Foods</td>
<td>3(2-3-5)</td>
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<tr>
<td>PYFC 611</td>
<td>Processing of Functional Foods</td>
<td>3(2-3-5)</td>
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<td>PYFC 612</td>
<td>Packaging for Nutraceuticals and Functional Foods</td>
<td>3(3-0-6)</td>
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<td>PYFC 613</td>
<td>Marketing Principles and Regulatory Affairs concerning Nutraceuticals and Functional Foods</td>
<td>3(3-0-6)</td>
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<tr>
<td>PYFC 614</td>
<td>Food Microbiology, Food Safety, and Food Quality Control</td>
<td>3(2-3-5)</td>
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Areas of study that a student may select for concentration:

Researches in Nutraceuticals and Functional Foods covering product developments, analyses of bioactive compounds, biological, and pharmacological activities of bioactive compounds, epidemiological and clinical studies of Nutraceuticals and Functional Foods. Other area of researches include influence of activities in marketing, sales, and advertising of Nutraceuticals and Functional Foods, optimization of regulatory affairs concerning Nutraceuticals and Functional Foods, etc.

Additional advantages of the programme

Multidisciplinary knowledge concerning Nutraceuticals and Functional Foods, theoretically and practically, as well.

Additional information for applicants

Applicants must have a solid background in science (laboratory-based, preferably in health-related science) in order to be able to succeed in the programme.

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. Researcher in the development of Nutraceuticals and Functional Foods.
2. Academic staff in Nutraceuticals and Functional Foods in academic institutions or other organizations.
3. Pharmacist, scientist in the area of production, quality assurance in food plants or pharmaceutical industry, in import/export business of Nutraceuticals and Functional Foods

**Further information may be obtained from the Director of Graduate Studies, Nutraceuticals and Functional Foods:**

1. **Associate Professor Vimol Srisukh (E-mail: vimol.sri@mahidol.ac.th)**
   Room 7/47, Rajcharat Building, Floor 7, Department of Food Chemistry, Faculty of Pharmacy
   Tel: 02-644-8677-91 ext. 5718 Fax 02-644-8693

**Program Coordinator (temporary)**

1. **Associate Professor Vimol Srisukh (E-mail: vimol.sri@mahidol.ac.th)**
   Room 7/47, Rajcharat Building, Floor 7, Department of Food Chemistry, Faculty of Pharmacy
   Tel: 02-644-8677-91 ext. 5718 Fax 02-644-8693

**Note** 1. For more education information: [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th)

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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