Master of Science in Pharmacy Programme in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry (International Programme)

Faculty of Pharmacy

Admission Requirements

candidates must:

1. Be graduated or are studying in the final year in pharmacy at bachelor degree level from institutions that are endorsed by 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

<table>
<thead>
<tr>
<th></th>
<th>Credit</th>
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<tbody>
<tr>
<td>Required Courses</td>
<td>16</td>
</tr>
<tr>
<td>Elective Courses no less than</td>
<td>9</td>
</tr>
<tr>
<td>Thesis</td>
<td>12</td>
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<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit</th>
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<tbody>
<tr>
<td>PYID 685 Research Methodology in Pharmacy I</td>
<td>2(2-0-4)</td>
</tr>
<tr>
<td>PYID 670 Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry I</td>
<td>1(1-0-2)</td>
</tr>
<tr>
<td>PYID 671 Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry II</td>
<td>1(1-0-2)</td>
</tr>
<tr>
<td>PYPG 651 Pharmaceutical Phytochemistry I</td>
<td>3(2-3-5)</td>
</tr>
<tr>
<td>PYPG 652 Pharmaceutical Phytochemistry II</td>
<td>3(2-3-5)</td>
</tr>
<tr>
<td>PYPG 657 Drug Design I</td>
<td>3(2-3-5)</td>
</tr>
<tr>
<td>PYPG 658 Drug Design II</td>
<td>3(2-3-5)</td>
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<tr>
<td>PYPC 651 Stability of Pharmaceuticals</td>
<td>3(2-3-5)</td>
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Elective Courses

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<th>Credit</th>
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<tr>
<td>GRID 603 Biostatistics</td>
<td>3(3-0-6)</td>
</tr>
<tr>
<td>PYPC 658 Drug Design II</td>
<td>3(2-3-5)</td>
</tr>
<tr>
<td>PYPC 640 Advanced Pharmaceutical Analysis II</td>
<td>3(2-3-5)</td>
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<tr>
<td>PYPC 650 Reactions in Pharmaceutical Analysis</td>
<td>3(2-3-5)</td>
</tr>
<tr>
<td>PYPC 651 Stability of Pharmaceuticals</td>
<td>3(2-3-5)</td>
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### Additional advantages of the programme

The graduates will be knowledgeable and skillful in researches in the areas of pharmaceutical and pharmaceutical phytochemistry for development of synthetic and natural product drug quality.

### Details of Scholarships

1. Scholarship of the 60th Year of the Supreme Reign of His Majesty King Bhumibol Adulyadej.
2. TRF-MAG Scholarship from the Thailand Research Fund (TRF)

### Detail Other

The applicants should have strong background in both chemistry and botany

### 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](http://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.
- Detail of English Competency Standard for Admission:

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. Scholar in university
2. Researcher
3. Industrial pharmacist
4. Hospital pharmacist
5. Pharmacist in Food and Drug Administration

Further information may be obtained from the Director of Graduate Studies,
Pharmaceutical Chemistry and Pharmaceutical Phytochemistry

1. Assoc. Prof. Jiraporn Ungwitayatorn (E-mail: pyjuw@mahidol.ac.th)
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   Tel. 02-644 8695 Fax: 02-644 8695

2. Dr. Pongtip Sithisan (E-mail: pongtip.sit@mahidol.ac.th)
   Racharattana Building, 5th Floor,
   Department of Pharmacognosy, Faculty of Pharmacy
   Tel. 02-644 8695 Fax: 02-644 8695

Program Coordinator
Mrs. Surunchana Kaewsatit (E-mail: pysks@mahidol.ac.th)
Thepparatana Building, 1st Floor,
Graduate Education, Faculty of Pharmacy
Tel. 02-644 8678 Ext. 1131, 02-357 3747

Note 1. For more education 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: gradinter@mahidol.ac.th