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Admission Number

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

	Credit
Required Courses	16
Elective Courses no less than	9
Thesis	12

			Credit
Required Courses			
PYID	685	Research Methodology in Pharmacy I	2(2-0-4)
PYID	670	Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry I	1(1-0-2)
PYID	671	Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry II	1(1-0-2)
PYPG	651	Pharmaceutical Phytochemistry I	3(2-3-5)
PYPG	652	Pharmaceutical Phytochemistry II	3(2-3-5)
PYPC	657	Drug Design I	3(2-3-5)
PYPC	639	Advanced Pharmaceutical Analysis I	3(2-3-5)
Elective Courses			
GRID	603	Biostatistics	3(3-0-6)
PYPC	658	Drug Design II	3(2-3-5)
PYPC	640	Advanced Pharmaceutical Analysis II	3(2-3-5)
PYPC	650	Reactions in Pharmaceutical Analysis	3(2-3-5)
PYPC	651	Stability of Pharmaceuticals	3(2-3-5)

PYPC	652	Chemistry of Heterocyclic Drugs	3(2-3-5)
PYPC	656	Chemometrics in Pharmaceutical Chemistry	3(2-3-5)
PYPG	649	Development of Medicinal Plants I	3(2-3-5)
PYPG	650	Development of Medicinal Plants II	3(2-3-5)
PYPG	657	Separation Techniques	3(2-3-5)
PYPG	664	Nuclear Magnetic Resonance Spectroscopy	3(3-0-6)
PYPG	668	Applications of Plant Biotechnology	3(3-0-6)
PYPB	600	Traditional Thai Medicine	3(3-0-6)
PYPB	604	Medical Ethnobotany	3(2-3-5)
PYPB	607	Development of Herbal Medicine	3(2-3-5)
PYID	695	Applied Plant Biotechnology in Pharmaceutical Sciences	3(2-3-5)
Thesis			
PYID	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

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** 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: http://www.grad.mahidol.ac.th/en/current-students/language-center.php

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

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Program Coordinator

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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