

## Engineering, manufacturing and construction

University: King Mongkut's Institute of Technology Ladkrabang  
Contact person: Assoc.Prof.Dr. Uma Seeboonruang  
Tel: +66-2329-8300 Fax: +66-2329-8302  
E-mail: uma.se@kmitl.ac.th

### Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	<ul style="list-style-type: none"> <li>• Telecommunication Engineering</li> <li>• Electrical Engineering</li> <li>• Electronics Engineering</li> <li>• Microelectronics Engineering</li> <li>• Biomedical Engineering</li> <li>• Computer Engineering</li> <li>• Information Engineering</li> <li>• Automation Engineering</li> <li>• Control Engineering</li> <li>• Instrumentation Engineering</li> <li>• Civil Engineering</li> <li>• Construction Engineering and Management</li> <li>• Environmental Engineering</li> <li>• Mechanical Engineering</li> <li>• Agricultural Engineering</li> <li>• Industrial Engineering</li> <li>• Chemical Engineering</li> <li>• Petrochemical Engineering</li> <li>• Food Engineering</li> </ul>	Doctoral of Engineering and Master of Engineering	<ul style="list-style-type: none"> <li>✓ Cambodia</li> <li>✓ Laos</li> <li>✓ Myanmar</li> </ul>	<ol style="list-style-type: none"> <li>1. The applicant of Master's degree are required an overall GPA of 2.5 (or equivalent) during his/her Bachelor's degree</li> <li>2. The applicant of Doctoral degree are required an overall GPA of 3.25 (or equivalent) during his/her Master's degree</li> <li>3. The applicant must fulfill one of the following requirements on English language proficiency                             <ul style="list-style-type: none"> <li>- The application should have taken the following tests; TOEFL, IELTS, CEPT (Cambridge English Placement Test) FCE/CAE/CPE, CU-TEP or TU-GET</li> <li>- For Doctoral** the application must have taken one of the following tests; TOEFL at least 32 (IBT)/ 400 (ITP)/ IELTS at least 3, CEPT (Cambridge English Placement Test) FCE/CAE/CPE, (at least 30) or CEFR (Common European Framework of Reference) at equivalent B1 level</li> </ul> </li> <li>4. The application should graduate from a university with the Bachelor's degree in Engineering in related fields</li> </ol>	Mr. Pongphat Naegkhunthod Foreign Affairs Officer Tel: +668-6989-9456 E-mail: pongphat.aun@gmail.com

Semester registration open / Starting and closing date of semester

- semester 1/ August-December 2019  
 semester 2

Scholarship's terms and conditions	Payment
<ol style="list-style-type: none"><li>1. During the study, the scholarship recipient will be assigned as a teaching/research assistant for at least total 20 hours/week.</li><li>2. The scholarship recipient must maintain his/her GPA above 3.00 during his/her course of study.</li><li>3. The scholarship term will be valid for 2 years for Master's degree and 3 years for Doctoral degree.</li></ol>	Allowance: 13,000 THB/month Travel expense: Up to 15,000 THB (Based on actual payment) Tuition Fee: Waived
Course information	
<ol style="list-style-type: none"><li>1. <a href="http://bit.ly/20h4EH6">http://bit.ly/20h4EH6</a></li><li>2. <a href="http://eneng.kmitl.ac.th/education/departments-and-Programs/">http://eneng.kmitl.ac.th/education/departments-and-Programs/</a></li><li>3. Master's degree: <a href="http://bit.ly/2JxEM91">http://bit.ly/2JxEM91</a></li><li>4. Doctoral degree: <a href="http://bit.ly/2SAMdjY">http://bit.ly/2SAMdjY</a></li></ol>	

University: King Mongkut's Institute of Technology Ladkrabang  
Contact person: Dr. Natthapong Jungteerapanich  
Tel: +66-2329-8260, +66-2329-8261 Fax: +66-2329-8262  
E-mail: natthapong.ju@kmitl.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Engineering program in Computational Intelligence Systems	Master of Engineering in Computational Intelligence Systems	<ul style="list-style-type: none"> <li>✓ Cambodia</li> <li>✓ Laos</li> <li>✓ Myanmar</li> </ul>	<ol style="list-style-type: none"> <li>1. Hold a Bachelor's degree in Science, Engineering, Mathematics, Information Technology, or a related field, with GPA of at least 3.0 (out of 4.0) or equivalent</li> <li>2. Excellent English language proficiency</li> </ol>	Dr. Natthapong Jungteerapanich Associate Dean Tel: +66-2329-8260, +66-2329-8261 Fax: +66-2329-8262 E-mail: ic@kmitl.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ August-December 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
<ol style="list-style-type: none"> <li>1. The scholarship holder is required to follow the thesis study plan (Plan A) of the Program.</li> <li>2. In every semester during the normal study period (2 years), the scholarship holder is required to               <ol style="list-style-type: none"> <li>a) Maintain the grade point average (GPA) of at least 3.30; and</li> <li>b) Work as a teaching/research assistant at the International College for at least 20 hours per week</li> </ol> </li> </ol>				<ol style="list-style-type: none"> <li>1. Monthly allowance of 13,000 THB in cash in every month during the normal study period (2 years) to support the scholarship holder's accommodation, textbooks, study materials and equipment, and other living expenses</li> <li>2. Allowance for one economy-class flight ticket for the scholarship holder to travel from his/her home country to Bangkok at the beginning of the Program and one economy-class flight ticket for the scholarship holder to travel from Bangkok back to his/her country after graduated; this allowance covers the actual cost of the flight tickets and is limited to 15,000 THB per ticket</li> <li>3. Full tuition fee waiver in every semester during the normal study period (2 years)</li> </ol>	
<b>Course information</b>					
As attached					

## M.Eng. in Computational Intelligence Systems

### International College, KMITL

Degree Title Master of Engineering in Computational Intelligence Systems

**Overview** A *computational intelligence system* is a system that acts intelligently, that is, being able to adapt itself in response to the changing environments, learn from experiences, and make appropriate choices under perceptual and computational limitations. This type of systems is becoming more and more important since machines need to be "smart" in order to solve real-world problems. This includes being able to cope with an exponential growth of data. Advances in the field of computational intelligence and computing technology have now enabled such a paramount task to be automated. Apart from the issue with the amount of data, many real-world problems involve working with inexact or incomplete data. In the past, human was seen to be better than machines at dealing with such kind of data. But now, using techniques inspired by human reasoning coupled with modern computers, machines are as good as, or sometimes even better than, human with these tasks.

This intensive 2-year Master program aims to provide the student with up-to-date concepts and techniques in computational intelligence and train the student the skills in applying such techniques on real-world problems or systems and evaluating the results.

**Learning Outcomes** Upon completing the program, the student is expected to be able to

- Apply the knowledge and skills in computational intelligence systems to solve real-world problems
- Apply a research methodology to effectively conduct a research on a topic or problem in computational intelligence systems and communicate the research results through written academic publications and presentations

**Careers**

- Data analyst / Data scientist
- Consultant in business intelligence/computational intelligence
- Lecturer and researcher in computational Intelligence system and related fields
- Digital technology entrepreneur

**Program Structure**

- Students are to choose to follow one of the following study plans:
  - Plan A – Coursework and thesis
  - Plan B – Coursework and an independent study of a chosen topic or problem

• **Program structure**

	Plan A	Plan B
Core courses	– 5 courses (15 credits)	– 4 courses (12 credits)
Electives	– 3 courses (9 credits)	– 6 courses (18 credits)
Research	– 2-semester thesis (12 credits)	– 2-semester independent study (6 credits)
Examination	– Oral thesis exam	– Comprehensive exam (1 credit) – Oral independent study exam
Required publications	– A thesis – An academic paper in a recognized conference or journal	– An independent study report

- **Core courses:** Engineering Mathematics, Machine Learning, Computational Statistics, Computational Intelligence, Research Methodology (Plan A only)
- **Electives:** Intelligent Network, Data Mining Techniques, Advanced Algorithms, Advanced Digital Signal Processing, Image and Vision Computing, Dynamical Control Systems, Intelligent Control, Engineering Optimization, High Performance Computing, Artificial Intelligence, Selected Topics in Intelligent Systems, Selected Topics in Business Intelligence

## Study Plans

Semester	Plan A	Plan B
Year 1 Semester 1	<ul style="list-style-type: none"><li>– Research Methodology</li><li>– Engineering Mathematics</li><li>– Machine Learning</li><li>– Seminar 1</li></ul>	<ul style="list-style-type: none"><li>– Engineering Mathematics</li><li>– Machine Learning</li><li>– Elective 1</li></ul>
Year 1 Semester 2	<ul style="list-style-type: none"><li>– Computational Statistics</li><li>– Computational Intelligence</li><li>– Seminar 2</li><li>– Elective 1</li></ul>	<ul style="list-style-type: none"><li>– Computational Statistics</li><li>– Computational Intelligence</li><li>– Elective 2</li></ul>
Year 2 Semester 1	<ul style="list-style-type: none"><li>– Master Thesis</li><li>– Elective 2</li></ul>	<ul style="list-style-type: none"><li>– Independent Study</li><li>– Elective 3</li><li>– Elective 4</li></ul>
Year 2 Semester 2	<ul style="list-style-type: none"><li>– Master Thesis</li><li>– Elective 3</li></ul>	<ul style="list-style-type: none"><li>– Independent Study</li><li>– Elective 5</li><li>– Elective 6</li><li>– Comprehensive Exam</li></ul>

## Fees

- Tuition fee: 60,000 THB per semester (or 240,000 THB for the entire program)

## Contact

- Website: <http://www.ic.kmitl.ac.th/cis>
- Email: [ic@kmitl.ac.th](mailto:ic@kmitl.ac.th)
- Phone: +66-2-329-8260, +66-81-751-4994
- Line: @ic.kmitl WeChat: njkmitl

University: King Mongkut's Institute of Technology Ladkrabang  
Contact person: Dr. Natthapong Jungteerapanich  
Tel: +66-2329-8260, +66-2329-8261 Fax: +66-2329-8262  
E-mail: natthapong.ju@kmitl.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Engineering program in Automotive Engineering	Master of Engineering in Automotive Engineering	<ul style="list-style-type: none"> <li>✓ Cambodia</li> <li>✓ Laos</li> <li>✓ Myanmar</li> </ul>	<ol style="list-style-type: none"> <li>1. Bachelor's degree in Engineering or Science in an appropriate discipline, including Automotive, Mechanical, Electrical, Metallurgical, Control, Industrial, or Electronic Engineering, Chemistry, Physics, Mathematics, Material Science, Environmental Science, Computing, or Information Technology, with GPA of at least 3.0 (out of 4.0) or equivalent</li> <li>2. Excellent English language proficiency</li> </ol>	<p>Dr. Natthapong Jungteerapanich Associate Dean</p> <p>Tel: +66-2329-8260, +66-2329-8261</p> <p>Fax: +66-2329-8262</p> <p>E-mail: ic@kmitl.ac.th</p>
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ August-December 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
<ol style="list-style-type: none"> <li>1. The scholarship holder is required to follow the thesis study plan (Plan A) of the program</li> <li>2. In every semester during the normal study period (2 years), the scholarship holder is required to               <ol style="list-style-type: none"> <li>a) Maintain the grade point average (GPA) of at least 3.30; and</li> <li>b) Work as a teaching/research assistant at the International College for at least 20 hours/week</li> </ol> </li> </ol>				<ol style="list-style-type: none"> <li>1. Monthly allowance of 13,000 THB in cash in every month during the normal study period (2 years) to support the scholarship holder's accommodation, textbooks, study materials and equipment, and other living expenses</li> <li>2. Allowance for one economy-class flight ticket for the scholarship holder to travel from his/her home country to Bangkok at the beginning of the program and one economy-class flight ticket for the scholarship holder to travel from Bangkok back to his/her country after graduated; this allowance covers the actual cost of the flight tickets and is limited to 15,000 THB per ticket</li> <li>3. Full tuition fee in every semester during the normal study period (2 years)</li> </ol>	
<b>Course information</b>					
As attached					

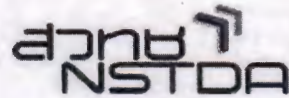
## M.Eng. in Automotive Engineering International College, KMITL

Degree Title Master of Engineering in Automotive Engineering

### Overview

This intensive 2-year Master program is part of the *TAIST – Tokyo Tech Project*, a long term collaboration between National Science and Technology Development Agency (NSTDA), Tokyo Institute of Technology (Japan), and a group of leading Thai universities. The program has been developed with the aim of creating industry-ready engineers with all the necessary qualities and the understanding of more advanced and modern concepts. In the first year, students in the program take the lecture courses (held at NSTDA) and laboratory exercises (held at KMITL and NSTDA) taught mostly by academic staff from Tokyo Tech, consisting of wide-ranging engineering aspects from fundamentals of automotive engineering, such as electric controls, aerodynamics, combustion and production, to the practice of automotive design. In the second year, each student commences their research project under supervision of academics from KMITL and Tokyo Tech and researchers at NSTDA.

When graduate, each student obtains the degree of Master of Engineering in Automotive Engineering from KMITL and a Certificate of Graduation from the *TAIST – Tokyo Tech Project* issued by NSTDA, Tokyo Institute of Technology, and KMITL.



### Program Strengths

- Thailand is the biggest automotive hub of Southeast Asia and the 5th in Asia. It is home to world-leading automobile manufacturers and many other companies in the supply chain. The program benefits from its close collaborations with the industry. Students in the program learn not only theoretical knowledge from the academics but also practical knowledge and real-world case studies from the industry.
- Most of the lecture courses are taught by world-renowned professors from Tokyo Institute of Technology who are experts in diverse areas of automotive engineering.
- Students have access to advanced laboratory equipment at NSTDA and KMITL.

### Careers

- Automotive engineers
- Researchers

### Program Structure

- Program structure

Core courses	– 1 course (3 credit) in mathematics – 3 courses (9 credits) in automotive engineering
Electives	– 4 courses (12 credits)
Research	– 2-semester thesis (12 credits) – Seminar (2 credits)
Examination	– Oral thesis exam
Required publications	– A thesis – An academic paper in a recognized conference or journal

- Core courses in Automotive Engineering: Fundamentals of Automotive Engineering, Basics of Automotive Design, Practice of Automotive Design
- Core courses in Mathematics: Numerical Methods for Engineering, Computational Mathematics, Decision Making and Optimization, Advanced Engineering Mathematics
- Electives: Automotive Structural System Engineering, Combustion Engineering, Advanced Internal Combustion Engineering and Future Powertrain, Alternative Vehicle Propulsion Systems, Advanced Material Science and Engineering, Metal Forming Engineering and Metal Die Design, Automotive Comfort Mechanics Engineering, Vehicle Acoustics, Mechatronic Systems in Automotive Engineering, Motor and Electrical Control in

**Automotive Applications, Computational Intelligence in Automotive Applications,  
Advanced Production Engineering, Current Topics in Automotive Engineering**

**Study Plans**

	Semester 1	Semester 2
Year 1	<ul style="list-style-type: none"> <li>- Fundamentals of Automotive Engineering</li> <li>- One core course in Mathematics</li> <li>- Two electives</li> </ul>	<ul style="list-style-type: none"> <li>- Basics of Automotive Design</li> <li>- Practice of Automotive Design</li> <li>- Two electives</li> </ul>
Year 2	<ul style="list-style-type: none"> <li>- Seminar</li> <li>- Thesis</li> </ul>	<ul style="list-style-type: none"> <li>- Thesis</li> </ul>

**Fees**

- Tuition fee: 60,000 THB per semester (or 240,000 THB for the entire program)

**Contact**

- Website: <http://www.ic.kmitl.ac.th/ae>
- Email: [ic@kmitl.ac.th](mailto:ic@kmitl.ac.th)
- Phone: +66-2-329-8260, +66-81-751-4994
- Line: @ic.kmitl      WeChat: njkmitl



University: Mahidol University  
Contact person: Assoc. Prof. Dr. Chularat Sakdaronnarong  
Tel: +66-2889-2138 ext. 6101-3 Fax: +66-2889-2138 ext. 6129  
E-mail: chularat.sak@mahidol.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Engineering Program (Chemical Engineering)	Master of Engineering	<input checked="" type="checkbox"/> Cambodia <input checked="" type="checkbox"/> Laos <input checked="" type="checkbox"/> Myanmar	Holds B.Eng. or B.Sc. in related field	Dr. Pattaraporn Posoknithakul Program Coordinator Tel: +66-2889-2138 ext. 6101-3 E-mail: +66-2889-2138 ext. 6129 Email: pattaraporn.pos@mahidol.edu
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ 15-20 August 2019 <input checked="" type="checkbox"/> semester 2/ 10-20 January 2020					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
				Allowance: At least 8,000 THB/month Travel expense: At cost Insurance: At cost Textbooks: At least 4,000 THB/year Tuition Fee: At cost	
<b>Course information</b>					
<a href="http://www.eg.mahidol.ac.th">http://www.eg.mahidol.ac.th</a>					

University: Suranaree University of Technology  
Contact person: Assoc. Prof. Chatchai Jothityangkoon  
Tel: +66-4422-4322 Fax: +66-4422-4607  
E-mail: cjothit@sut.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Engineering Program in Civil, Transportation and Geo-resources Engineering	Master of Engineering (Civil, Transportation and Geo-resources Engineering)	✓ Cambodia ✓ Myanmar	Have a good command of English with a minimum TOEFL score of 500 or IELTS score of 5.0 or the equivalent	Assoc. Prof. Chatchai Jothityangkoon Chair of School of Civil Engineering Tel: +66-4422-4322 Fax: +66-4422-4607 E-mail: cjothit@sut.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ Starting in August 2019 <input checked="" type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
1. The Master's degree students are required to teach a laboratory class for at least 8 hours/week (1 hour-class time equals 50 minutes) 2. The Doctoral degree students are required to teach both lecture and/or laboratory classes for at least 8 hours/week. 3. For Master's degree students, the research work must be published at least once in a national or international journal approved by the university 4. For Doctoral degree students, the research work must be published at least once in an international journal approved by the university 5. The scholarship recipients obtain a Graduate Point Average (GPA) lower than 3.25 in two consecutive trimesters				Allowance: 8,000 THB/month Travel expense: At cost Insurance: 5,000 THB/year Textbooks: 4,000 THB/month Tuition Fee: At cost Visa extension fee: 1,900 THB/year	
<b>Course information</b>					
<a href="http://web.sut.ac.th/cia/2017/?page_id=325">http://web.sut.ac.th/cia/2017/?page_id=325</a> <a href="https://www.facebook.com/SUT-International-Engineering-Programs-433792330355520/">https://www.facebook.com/SUT-International-Engineering-Programs-433792330355520/</a>					

University: Suranaree University of Technology  
Contact person: Dr. Apichon Watcharenwong  
Tel: +66-4422-4537 Fax: +66-4422-4220  
E-mail: w.apichon@sut.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Doctor of Philosophy Program in industrial Systems and Environmental Engineering	Doctor of Philosophy (industrial Systems and Environmental Engineering)	<input checked="" type="checkbox"/> Cambodia <input checked="" type="checkbox"/> Laos <input checked="" type="checkbox"/> Myanmar	1. Graduated with a Master's degree in Environmental Engineering or Industrial Engineering 2. GPAX 3.25 (minimum) 3. Statement of purpose 4. Research Proposal or Concept Paper	Ms. Nari Klinklang Administrative Officer Tel: +66-4422-4451 Fax: +66-4422-4220 E-mail: narree@sut.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ Starting in August 2019 <input checked="" type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
1. The Master's degree students are required to teach a laboratory class for at least 8 hours/week (1 hour-class time equals 50 minutes) 2. The Doctoral degree students are required to teach both lecture and/or laboratory classes for at least 8 hours/week 3. For Master's degree students, the research work must be published at least once in a national or international journal approved by the university 4. For Doctoral degree students, the research work must be published at least once in an international journal approved by the university 5. The scholarship recipients obtain a Graduate Point Average (GPA) lower than 3.25 in two consecutive trimesters				Allowance: 8,000 THB/month Travel expense: At cost Insurance: 5,000 THB/year Textbooks: 4,000 THB/month Tuition Fee: At cost Visa: 1,900 THB/year	
<b>Course information</b>					
www.sut.ac.th/engineering/Envi/					

University: Suranaree University of Technology  
Contact person: Dr. Apichon Watcharenwong  
Tel: +66-4422-4537 Fax: +66-4422-4220  
E-mail: w.apichon@sut.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Engineering Program in industrial Systems and Environmental Engineering	Master of Engineering (industrial Systems and Environmental Engineering)	<input checked="" type="checkbox"/> Cambodia <input checked="" type="checkbox"/> Laos <input checked="" type="checkbox"/> Myanmar	1. Graduated with a Bachelor's degree in Environmental Engineering or Industrial Engineering 2. GPAX 2.75 (minimum) 3. Statement of purpose 4. Research Proposal or Concept Paper 5. Have a good command of English with a minimum TOEFL score of 500 or IELTS score of 5.0 or the equivalent	Ms. Nari Klinklang Administrative Officer Tel: +66-44-22-4451 Fax: +66-44-22-4220 E-mail: narree@sut.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ Starting in August 2019 <input checked="" type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
1. The Master's degree students are required to teach a laboratory class for at least 8 hours/week (1 hour-class time equals 50 minutes) 2. The Doctoral degree students are required to teach both lecture and/or laboratory classes for at least 8 hours/week 3. For Master's degree students, the research work must be published at least once in a national or international journal approved by the university 4. For Doctoral degree students, the research work must be published at least once in an international journal approved by the university 5. The scholarship recipients obtain a Graduate Point Average (GPA) lower than 3.25 in two consecutive trimesters				Allowance: 8,000 THB/month Travel expense: At cost Insurance: 5,000 THB/year Textbooks: 4,000 THB/month Tuition Fee: At cost Visa: 1,900 THB/year	
<b>Course information</b>					
<a href="http://www.sut.ac.th/engineering/Envi/">www.sut.ac.th/engineering/Envi/</a>					

University: Suranaree University of Technology  
Contact person: Assoc. Prof. Dr. Jirawat Yongsawatdigul  
Tel: +66-4422-4359 Fax: +66-4422-4387  
E-mail: jirawat@sut.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	1. Master of Science Program in Food Technology 2. Doctor of Philosophy Program in Food Technology	1. Master of Science (Food Technology) 2. Doctor of Philosophy (Food Technology)	✓ Cambodia ✓ Myanmar	1. TOEFL (Paper) ≥ 450 2. TOEFL (CBT) ≥ 133 3. TOEFL (IBT) ≥ 45 4. TOEIC ≥ 550 5. CU-TEP ≥ 60 6. CEFR ≥ B1 7. IELTS ≥ 4.5 8. TU-GET ≥ 450	Assoc. Prof. Dr. Jirawat Yongsawatdigul Head, School of Food Technology Tel: +66-4422-4359 Fax: +66-4422-4387 E-mail: jirawat@sut.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ Starting in August 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
-				Allowance: 8,000 THB/month Travel expense: At cost Insurance: 5,000 THB/year Textbooks: 4,000 THB/month Tuition Fee: At cost Visa: 1,900 THB/year	
<b>Course information</b>					
<a href="http://iat.sut.ac.th/foodtech">http://iat.sut.ac.th/foodtech</a>					

University: Suranaree University of Technology  
Contact person: Assoc. Prof. Dr. Monthippa Uthansakul  
Tel: +66-4422-4392 Fax: +66-4422-4603, +66-4422-4220  
E-mail: mtp@sut.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	1. Master of Engineering Program in Telecommunication and Computer Engineering 2. Doctor of Philosophy Program in Telecommunication and Computer Engineering	1. Master of Engineering (Telecommunication and Computer Engineering) 2. Doctor of Philosophy (Telecommunication and Computer Engineering)	✓ Cambodia ✓ Laos ✓ Myanmar	1. Proof of completion of Bachelor of Science or Bachelor of Engineering with GPAX not less than 3.00 2. Fulfill English proficiency requirements of TOEFL score of at least 500 or IELTS score of at least 5.0	Assoc. Prof. Dr. Monthippa Uthansakul Chair of the School of Telecommunication Engineering Tel: +66-4422-4392 Fax: +66-4422-4603, +66-4422-4220 E-mail: mtp@sut.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ Starting in August 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
1. The Master's degree students are required to teach a laboratory class for at least 8 hours/week (1 hour-class time equals 50 minutes) 2. The Doctoral degree students are required to teach both lecture and/or laboratory classes for at least 8 hours/week 3. For Master's degree students, the research work must be published at least once in a national or international journal approved by the university 4. For Doctoral degree students, the research work must be published at least once in an international journal approved by the university 5. The scholarship recipients obtain a Graduate Point Average (GPA) lower than 3.25 in two consecutive trimesters				Allowance: 8,000 THB/month Travel expense: At cost Insurance: 5,000 THB/year Textbooks: 4,000 THB/month Tuition Fee: At cost Visa: 1,900 THB/year	
<b>Course information</b>					
1. <a href="http://eng.sut.ac.th/tce/2016/site">http://eng.sut.ac.th/tce/2016/site</a> 2. <a href="http://web.sut.ac.th/cia/2017/?page_id=325">http://web.sut.ac.th/cia/2017/?page_id=325</a>					

University: Suranaree University of Technology  
Contact person: Asst. Prof. Dr. Payungsak Junyusen  
Tel: +66-4422-4225 Fax: +66-4422-4610  
E-mail: payungs@sut.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	1. Master of Engineering Program in Mechanical and Process System Engineering 2. Doctor of Philosophy Program in Mechanical and Process System Engineering	1. Master of Engineering (Mechanical and Process System Engineering) 2. Doctor of Philosophy (Mechanical and Process System Engineering)	✓ Cambodia ✓ Laos ✓ Myanmar	Have a good command of English with a minimum TOEFL score of 500 or IELTS score of 5.0 or the equivalent	Asst. Prof. Dr. Payungsak Junyusen Head, School of Agricultural Engineering Tel: +66-4422-4225 Fax: +66-4422-4610 E-mail: payungs@sut.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ Starting in August 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
1. The Master's degree students are required to teach a laboratory class for at least 8 hours/week (1 hour-class time equals 50 minutes) 2. The Doctoral degree students are required to teach both lecture and/or laboratory classes for at least 8 hours/week 3. For Master's degree students, the research work must be published at least once in a national or international journal approved by the university 4. For Doctoral degree students, the research work must be published at least once in an international journal approved by the university 5. The scholarship recipients obtain a Graduate Point Average (GPA) lower than 3.25 in two consecutive trimesters				Allowance: 8,000 THB/month Travel expense: At cost Insurance: 5,000 THB/year Textbooks: 4,000 THB/month Tuition Fee: At cost Visa: 1,900 THB/year	
<b>Course information</b>					
<a href="http://web.sut.ac.th/cia/2017/?page_id=325">http://web.sut.ac.th/cia/2017/?page_id=325</a>					

University: Suranaree University of Technology  
 Contact person: Asst. Prof. Dr. Tapany Patcharawit  
 Tel: +66-4422-4483 Fax: +66-4422-4482  
 E-mail: tapany@sut.ac.th

**Detail information of the scholarships offered by university**

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Engineering Program in Materials Engineering	Master of Engineering (Materials Engineering)	✓ Cambodia ✓ Laos ✓ Myanmar	1. Proof of completion of Bachelor of Science or Bachelor of Engineering with GPAX not less than 3.00 2. Have a good command of English with a minimum TOEFL score of 500 or IELTS score of 5.0 or the equivalent	Asst. Prof. Dr. Tapany Patcharawit Chair, School of Metallurgical Engineering Tel: +66-4422-4483 Fax: +66-4422-4482 E-mail: tapany@sut.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ Starting in August 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
1. The Master's degree students are required to teach a laboratory class for at least 8 hours/week (1 hour-class time equals 50 minutes) 2. The Doctoral degree students are required to teach both lecture and/or laboratory classes for at least 8 hours/week 3. For Master's degree students, the research work must be published at least once in a national or international journal approved by the university 4. For Doctoral degree students, the research work must be published at least once in an international journal approved by the university 5. The scholarship recipients obtain a Graduate Point Average (GPA) lower than 3.25 in two consecutive trimesters				Allowance: 8,000 THB/month Travel expense: At cost Insurance: 5,000 THB/year Textbooks: 4,000 THB/month Tuition Fee: At cost Visa: 1,900 THB/year	
<b>Course information</b>					
<a href="http://eng.sut.ac.th">http://eng.sut.ac.th</a>					



University: Suranaree University of Technology  
 Contact person: Asst. Prof. Dr. Tapany Patcharawit  
 Tel: +66-4422-4483 Fax: +66-4422-4482  
 E-mail: tapany@sut.ac.th

**Detail information of the scholarships offered by university**

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Doctor of Philosophy Program in Materials Engineering	Doctor of Philosophy (Materials Engineering)	✓ Cambodia ✓ Laos ✓ Myanmar	First class honour undergraduate in BSc or BE or a Master's degree in related fields, with solid background in research. Fulfill English proficiency requirements (please see details in attached file)	Asst. Prof. Dr. Tapany Patcharawit Chair, School of Metallurgical Engineering Tel: +66-4422-4483 Fax: +66-4422-4482 E-mail: tapany@sut.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ Starting in August 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
-				Allowance: 8,000 THB/month Travel expense: At cost Insurance: 5,000 THB/year Textbooks: 4,000 THB/month Tuition Fee: At cost Visa: 1,900 THB/year	
<b>Course information</b>					
<a href="http://eng.sut.ac.th">http://eng.sut.ac.th</a>					

## Science

University: Khon Kaen University  
 Contact person: Dr. Wuttiwat Jitjak  
 Tel: +669-4668-0336, +66-4320-2173, +66-4320-2424 Fax: +66-4320-2424  
 E-mail: wuttiji@kku.ac.th

### Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Science (Biodiversity and Environmental Management)	Master of Science	✓ Myanmar	1. Complete a Bachelor's degree in related field 2. A proof of English proficiency (e.g. TOEFL, IELTS)	Dr. Wuttiwat Jitjak Lecturer Tel: +669-4668-0336, +66-4320-2173, +66-4320-2424 Fax: +66-4320-2424 E-mail: wuttiji@kku.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ 5 August-13 December 2019 <input checked="" type="checkbox"/> semester 2/ 6 January-22 May 2020					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
-				Allowance: At least 8,000 THB/month Travel expense: At cost Insurance: At cost Textbooks: At least 4,000 THB/year Tuition Fee: At cost	
<b>Course information</b>					
<a href="http://bit.ly/2JjVaty">http://bit.ly/2JjVaty</a>					

## **Master of Science in Biodiversity and Environmental Management (International Program)**

This multi-disciplinary master program is designed to focus on cross functional roles and importance of biodiversity, environment and management in different contexts e.g. natural diversity (animals, plants, and micro-organisms) and environment, urban and rural development, utilization and sustainability of natural resources, climate change, technological and innovative breakthroughs. Various courses are offered in this program combined with research project through 12-credit thesis.

### **Career opportunities**

Specialists in environmental resources management international organizations, environmental quality assessors, environmental academicians, policy planners in environmental related issues in governmental and private organizations, researchers, pathway to pursue higher degrees

### **Qualification of Applicants**

Eligible applicants are those with a Bachelor's degree in related fields e.g. Biological and chemical sciences, Environmental sciences and management.

### **Requirements**

The applicants must have a proof of English Proficiency test (TOEFL, IELTS TU-GET, CU-TEP, KKU-AELT) in compliance with regulation of KKU.

### **Required Courses**

Student must complete 12 credits from courses offered below.

IC 307 001 Biodiversity and Conservation 3 ( 3 - 0 -6 )

IC 307 002 Research Methodology in Biodiversity and Conservation 2 (2 -0 -4 )

IC 307 101 Environmental Planning and Management 3 ( 3 - 0 -6 )

IC 307 891 Seminar in Biodiversity and Environmental Management 1 (1 -0 -1 )

IC 307 894 Special Problems in Biodiversity and Environmental Management 3 (0 -9 -6 )

### Major Elective Courses

Students must Complete 12 credits from courses offered below.

IC 307 00 3	Flora and Fauna of South East Asia	3 (3 -0 -6)
IC 307 004	Tropical Ecology	3 (3 -0 -6)
IC 307 005	Applied Microbiology	3 (3 -0 -6)
IC 307 006	Marine and Freshwater Environmental Biology	3 (3 -0 -6)
IC 307 007	Taxonomy and Genetic Biodiversity	3 (3 -0 -6)
IC 307 008	Advanced Entomology	3 (3 -0 -6)
IC 307 102	Environmental Impact and Assessment	3 (3 -0 -6)
IC 307 103	Sustainable Development and Management	3 (3 -0 -6)
IC 307 104	Ecotourism and Management of Protected Areas	3 (3 -0 -6)
IC 307 105	Nanotechnology and Environment	3 (3 -0 -6)
IC 307 106	Fungal Diversity	3 (3 -0 -6)
IC 307 107	Climate Change and Renewable Energy	3 (3 -0 -6)
IC 307 108	Freshwater Zooplankton	3 (3 -0 -6)

### Thesis

IC 307 899	Thesis	12 Credits
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University: King Mongkut's Institute of Technology Ladkrabang  
Contact person: Dr. Natthapong Jungteerapanich  
Tel: +66-2329-8260, +66-2329-8261 Fax: +66-2329-8262  
E-mail: natthapong.ju@kmitl.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Science Program in Logistics and Supply Chain Management	Master of Science in Logistics and Supply Chain Management	<ul style="list-style-type: none"> <li>✓ Cambodia</li> <li>✓ Laos</li> <li>✓ Myanmar</li> </ul>	<ul style="list-style-type: none"> <li>1. Bachelor's degree in Engineering, Science, Information Technology, Economics, Management, Business, or a related field, with GPA of at least 3.0 (out of 4.0) or equivalent</li> <li>2. Excellent English language proficiency</li> </ul>	Dr. Natthapong Jungteerapanich Associate Dean Tel: +66-2329-8260, +66-2329-8261 Fax: +66-2329-8262 E-mail: ic@kmitl.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ August-December 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
<ul style="list-style-type: none"> <li>1. The scholarship holder is required to follow the thesis study plan (Plan A) of the Program.</li> <li>2. In every semester during the normal study period (2 years), the scholarship holder is required to               <ul style="list-style-type: none"> <li>a) Maintain the grade point average (GPA) of at least 3.30; and</li> <li>b) Work as a teaching/research assistant at the International College for at least 20 hours per week</li> </ul> </li> </ul>				<ul style="list-style-type: none"> <li>1. Full tuition fee in every semester during the normal study period (2 years)</li> <li>2. Monthly allowance of 13,000 THB in cash in every month during the normal study period (2 years) to support the scholarship holder's accommodation, textbooks, study materials and equipment, and other living expenses</li> <li>3. Allowance for one economy-class flight ticket for the scholarship holder to travel from his/her home country to Bangkok at the beginning of the Program and one economy-class flight ticket for the scholarship holder to travel from Bangkok back to his/her country after graduated; this allowance covers the actual cost of the flight tickets and is limited to 15,000 THB per ticket</li> </ul>	
<b>Course information</b>					
As attached					

# M.Sc. in Logistics and Supply Chain Management

## International College, KMITL

**Degree Title** Master of Science in Logistics and Supply Chain Management

**Overview** Logistics management entails a wide variety of activities that have a significant influence on customer service, including inventory control, transportation, warehousing, facility location analysis, packaging, materials handling, parts and service support, and product returns. Supply chain management involves the integration of business processes across organizations, from material sources and suppliers through manufacturing and processing to the final customer.

This program is a 2-year Master program which provides a holistic overview of logistics and supply chain management and deeper insights into key topics that are of current interest in the field. The program is intended for both new graduates with or without background in business and management, as well as those who have had work experiences but wish to take on a comprehensive study of the subject and train their skills in research.

**Learning Outcomes** Upon completing the program, the student is expected to

- Gain the knowledge and the understanding of the principles of logistics and supply chain management and how they can be applied in the real world
- Obtain insight into the implementation issues, the major challenges, and the best and the local practices of logistics and supply chain management
- Be aware of the recent development of logistics and supply chain technology

**Program Strengths**

- Thailand is a major logistics and transportation hub of Southeast Asia and a world's major exporter of goods. It is home to a comprehensive supply chain network and a large number of companies (both local and international) and government agencies specializing in logistics and supply chain management. Consequently, there are plenty real-world issues and case studies that the student can study and conduct research on.
- The academic staff consists of lecturers and researchers with expertise and hands-on experiences in diverse areas of logistics and supply chain management.
- Seminar talks by experts from the industry and the government

**Careers**

- Logistics/Supply Chain Manager
- Warehouse/Inventory Manager
- Project Manager

**Program Structure**

- Students are to choose to follow one of the following study plans:
  - Plan A – Coursework and thesis
  - Plan B – Coursework and an independent study of a chosen topic or problem

• Program structure

	Plan A	Plan B
Core courses	– 6 courses (18 credits)	– 6 courses (18 credits)
Electives	– 2 courses (6 credits)	– 4 courses (12 credits)
Research	– 2-semester thesis (12 credits) – Seminar (1 credit)	– 1-semester independent study (6 credits) – Seminar (1 credit)
Examination	– Oral thesis exam	– Comprehensive exam – Oral independent study exam
Required publications	– A thesis – An academic paper in a recognized conference or journal	– An independent study report

- **Core Courses:** Logistics and Supply Chain Management, Quantitative Methods for Logistics and Supply Chain Management Analysis, Inventory Management, Transportation Management, Information Technology in Logistics and Supply Chain

**Management, Environmental Laws and Policy for Sustainable and Green Logistics Management**

- **Electives:** Project Management, International Land Transport Management, Maritime and Air Transport Management, Production and Operations Management, Warehouse and Distribution Management, Factory Automation, Innovative Technology Management, Enterprise Resource Planning and Applications, Supply Chain Sustainability, Quality Assurance, Current Topics in Logistics and Supply Chain Management
- All lecture sessions are held at weekends.

**Study Plans**

Semester	Plan A	Plan B
Year 1 Semester 1	– Logistics and Supply Chain Management – Quantitative Methods for Logistics and Supply Chain Management Analysis – Environmental Laws and Policy for Sustainable and Green Logistics Management	
Year 1 Semester 2	– Inventory Management – Transportation Management – Information Technology in Logistics and Supply Chain Management	
Year 2 Semester 1	– Two electives – Thesis	– Four electives
Year 2 Semester 2	– Seminar – Thesis	– Seminar – Independent Study – Comprehensive Exam

**Fees**

- Tuition fee: 75,000 THB per semester (or 300,000 THB for the entire program)

**Contact**

- Website: <http://www.ic.kmitl.ac.th/logistics>
- Email: [ic@kmitl.ac.th](mailto:ic@kmitl.ac.th)
- Phone: +66-2-329-8260, +66-81-751-4994
- Line: @ic.kmitl WeChat: njkmitl

University: King Mongkut's Institute of Technology Ladkrabang  
Contact person: Dr. Natthapong Jungteerapanich  
Tel: +66-2329-8260, +66-2329-8261 Fax: +66-2329-8262  
E-mail: natthapong.ju@kmitl.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Doctor of Philosophy Program in Logistics and Supply Chain Management	Doctor of Philosophy in Logistics and Supply Chain Management	<ul style="list-style-type: none"> <li>✓ Cambodia</li> <li>✓ Laos</li> <li>✓ Myanmar</li> </ul>	<ol style="list-style-type: none"> <li>1. Master's degree in Engineering, Science, Information Technology, Economics, Management, Business, or a related field, with GPA of at least 3.5 (out of 4.0) or equivalent</li> <li>2. Possess the score for one of the following English language proficiency tests that meets the minimum requirement below: <ul style="list-style-type: none"> <li>- TOEFL (iBT) score of at least 61</li> <li>- TOEFL (ITP or Paper-Based) score of at least 500</li> <li>- IELTS score of at least 5.5</li> <li>- CU-TEP score of at least 65</li> </ul>                     The test score report submitted must not be more than 2 years old from the test date to the date of submission                 </li> </ol>	Dr. Natthapong Jungteerapanich Associate Dean Tel: +66-2329-8260, +66-2329-8261 Fax: +66-2329-8262 E-mail: ic@kmitl.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ August-December 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
In every semester during the normal study period (3 years), the scholarship holder is required to <ol style="list-style-type: none"> <li>a) Maintain the grade point average (GPA) of at least 3.30; and</li> <li>b) Work as a teaching/research assistant at the International College for at least 20 hours per week and submit a report summarizing the works carried out during the semester to the scholarship committee.</li> </ol>				<ol style="list-style-type: none"> <li>1. Monthly allowance of 13,000 THB in cash in every month during the normal study period (3 years) to support the scholarship holder's accommodation, textbooks, study materials and equipment, and other living expenses</li> <li>2. Allowance for one economy-class flight ticket for the scholarship holder to travel from his/her home country to Bangkok at the beginning of the Program and one economy-class flight ticket for the scholarship holder to travel from Bangkok back to his/her country after graduated; this allowance covers the actual cost of the flight tickets and is limited to 15,000 THB per ticket</li> <li>3. Full tuition fee in every semester during the normal study period (3 years)</li> </ol>	
<b>Course information</b>					
As attached					



# Ph.D. in Logistics and Supply Chain Management

## International College, KMITL

**Degree Title** Doctor of Philosophy in Logistics and Supply Chain Management

**Overview** This program is a 3-year doctoral program specializing in logistics and supply chain management. The program focuses on advanced research on current issues in logistics and supply chain management.

**Learning Outcomes** Upon completing the program, the student is expected to be able to

- Apply a research methodology to effectively conduct a research on a topic or problem related to logistics and supply chain management
- Analyze and devise solutions for issues in logistics and supply chain management and explain how they fit into the bigger picture of logistics and supply chain management in the local and international levels
- Provide consultations on logistics and supply chain management

**Program Strengths**

- Thailand is a major logistics and transportation hub of Southeast Asia and a world's major exporter of goods. It is home to a comprehensive supply chain network and a large number of companies (both local and international) and government agencies specializing in logistics and supply chain management. Consequently, there are plenty real-world issues and case studies that the student can study and conduct research on.
- The academic staff consists of lecturers and researchers with expertise and hands-on experiences in diverse areas of logistics and supply chain management.
- Seminar talks by experts from the industry and the government

**Careers**

- Analysts and designers of logistics and supply chain management systems
- Consultants
- Researchers/lecturers

**Program Structure**

- Students are to choose to follow one of the following study plans:
  - Plan 1 – Research without coursework
  - Plan 2 – Coursework and research

• **Program structure**

	Plan 1	Plan 2
Core courses	-	- 2 courses (6 credits)
Electives	-	- 2 courses (6 credits)
Research	- Thesis (48 credits) - Seminar	- Thesis (36 credits) - Seminar
Examinations	- Qualifying exam - Oral thesis exam	- Qualifying exam - Oral thesis exam
Required publications	- TWO academic papers in recognized international journals	- TWO academic papers in recognized international journals -OR- - ONE academic paper in a recognized international journal and TWO academic papers in recognized international conferences

- **Core courses (Plan 2 only):** Logistics and Supply Chain Management, Quantitative Methods for Logistics and Supply Chain Management Analysis, Inventory Management, Transportation Management, Information Technology in Logistics and Supply Chain Management, Environmental Laws and Policy for Sustainable and Green Logistics Management

- **Electives (Plan 2 only):** Project Management, International Land Transport Management, Maritime and Air Transport Management, Production and Operations Management, Warehouse and Distribution Management, Factory Automation, Innovative Technology Management, Enterprise Resource Planning and Applications, Supply Chain Sustainability, Quality Assurance, Systems Dynamics, Current Topics in Logistics and Supply Chain Management

Study Plans

Semester	Plan 1	Plan B
Year 1 Semester 1	– Thesis – Seminar	– Thesis – Seminar – Two core courses
Year 1 Semester 2	– Thesis	– Thesis – Two electives
Year 2 Semester 1	– Thesis – Seminar – Qualifying Examination	– Thesis – Seminar – Qualifying Examination
Year 2 Semester 2	– Thesis	– Thesis
Year 3 Semester 1	– Thesis – Seminar	– Thesis – Seminar
Year 3 Semester 2	– Thesis	– Thesis

Fees

- Tuition fee: 150,000 THB per semester (or 900,000 THB for the entire program)

Contact

- Website: <http://www.ic.kmitl.ac.th/phdlogistics>
- Email: [ic@kmitl.ac.th](mailto:ic@kmitl.ac.th)
- Phone: +66-2-329-8260, +66-81-751-4994
- Line: @ic.kmitl      WeChat: njkmitl

University: King Mongkut's University of Technology Thonburi  
Contact person: Mr. Adisorn Jeungprasopsuk  
E-mail: adisorn@jgsee.kmutt.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Science in Environmental Technology and Management	Master of Science in Environmental Technology and Management	<input checked="" type="checkbox"/> Cambodia <input checked="" type="checkbox"/> Laos <input checked="" type="checkbox"/> Myanmar	GPA≥2.50	Mr. Adisorn Jeungprasopsuk Academic officer Tel: +66-2470-8338, E-mail: adisorn@jgsee.kmutt.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ August - <input checked="" type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
1. Scholarship recipients must be able to study until finishing educational programme, not resign or take leave without acceptable reason. 2. Scholarship recipients must have cumulative grade of the academic year not less than 3.25.				Allowance: 10,000 THB/month Travel expense: At cost Study equipment: 10,000 THB/year Health insurance fee	
<b>Course information</b>					
<a href="http://www.jgsee.kmutt.ac.th">http://www.jgsee.kmutt.ac.th</a>					

University: Mae Fah Luang University  
Contact person: Mrs. Jindaporn Promthada  
Tel: +66-5391-6090 Fax: -  
E-mail: jindaporn.tam@mfu.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Science Programme in Food Science and Technology	Master of Science (Food Science and Technology)	<input checked="" type="checkbox"/> Cambodia <input checked="" type="checkbox"/> Laos <input checked="" type="checkbox"/> Myanmar	<a href="http://web2.mfu.ac.th/division/inter/?page_id=265">http://web2.mfu.ac.th/division/inter/?page_id=265</a>	Assoc. Dr. Saroat Rawdkuen Lecturer, School of Agro-Industry Tel: +66-5391-6752 Fax: - E-mail: sarokat@mfu.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1 <input type="checkbox"/> semester 2 *Programme starts from August 2019-August 2021					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
As attached				Allowance: 8,000 THB/month Travel expense: Round trip airfare (Economy class) Insurance: At cost Textbooks: 4,000 THB/year Tuition Fee: At cost	
<b>Course information</b>					
<a href="http://web2.mfu.ac.th/division/inter/?page_id=265">http://web2.mfu.ac.th/division/inter/?page_id=265</a>					

**Mae Fah Luang Univerity**  
**Thailand Scholarships 2019**  
**Scholarship's terms and conditions**

**Qualifications/Criteria:**

**Master's degree programmes**

- a) Bachelor's degree or equivalent from an accredited university with a GPA of 2.5, or Matriculation Examination Certification with an average of 65% with passing results. Both certificates must be certified by Ministry of Education
- b) MFU accepts one of the following English Language Requirements:
  - TOEFL Paper-based 500
  - TOEFL Computer-based 200
  - TOEFL Internet-based 70
  - IELTS 5.5
  - Other related documents or English proficiency requirements as specified by the programme

**Scholarship conditions:**

The awardees must:

- a) Maintain a grade with an average of at least 3.25 every semester until finishing the programme.
- b) Perform at least 30 hours per semester of job assistance at Mae Fah Luang University
- c) Pursue your study diligently and in good conduct
- d) Comply with the rules and regulations of the university
- e) Participate regularly in the university's extra-curricular activities
- f) Keep updated with the university's news, happenings and announcements
- g) Report academic results to the International Affairs Division every semester within 2 weeks of the announcement of grades until graduation
- h) Apply for other scholarships if permission is granted by scholarship committee only
- i) Will not be allowed to change the study programme

**Required documents:**

1. A completed scholarship application form  
(download from [http://web2.mfu.ac.th/division/inter/?page\\_id=265](http://web2.mfu.ac.th/division/inter/?page_id=265))
2. A single 1-inch photograph
3. A certified copy of degree certificate and an English translation of the degree certificate if the official degree was not issued in English
4. A certified copy of academic transcript for undergraduate qualification and an English translation of the academic transcript if the official academic transcript for qualification was not issued in English

5. A copy of passport
6. 2 recommendation letters
7. English proficiency score report
8. Working experience letter
9. Publications if any

University: Prince of Songkhla University  
Contact person: Mrs. Nuttamon Chirasatitsin  
Tel: +66-7445-1743 Fax: -  
E-mail: nutmon77@gmail.com

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Doctor of Philosophy Program in Biomedical Engineering	Doctor of Philosophy (Biomedical Engineering)	<ul style="list-style-type: none"> <li>✓ Cambodia</li> <li>✓ Laos</li> <li>✓ Myanmar</li> </ul>	<p><u>Applicant qualifications:</u></p> <p><u>Plan 1.1</u></p> <ol style="list-style-type: none"> <li>1. Master's degree in Sciences, Engineering or Health Science</li> <li>2. Have research experience and/or have a published research paper related to the interested field of studying</li> <li>3. Good academic standing (GPA <math>\geq</math> 3)</li> <li>4. Other qualifications would be considered by admission committee</li> </ol> <p><u>Plan 1.2</u></p> <ol style="list-style-type: none"> <li>1. Bachelor's degree in Sciences, Engineering or Health Science (Honour degrees)</li> <li>2. Have research experience and/or have a published research paper related to the interested field of studying</li> <li>3. Other qualifications would be considered by admission committee</li> </ol> <p><u>Plan 2.1</u></p> <ol style="list-style-type: none"> <li>1. Master's degree in Sciences, Engineering or Health Science</li> <li>2. Medical degree (MD) (Honour degrees)</li> <li>3. Have research experience and/or have a published research paper related to the interested field of studying</li> <li>4. Good academic standing (GPA <math>\geq</math> 3)</li> <li>5. Other qualifications would be considered by admission committee</li> </ol> <p><u>Plan 2.2</u></p> <ol style="list-style-type: none"> <li>1. Bachelor's degree in Sciences, Engineering or Health Science (Honour degrees)</li> </ol>	<p>Mrs. Nuttamon Chirasatitsin Academic supporting staff Tel: +66-7445-1743 Fax: - E-mail: nutmon77@gmail.com</p>

				<p>2. Have research experience and/or have a published research paper related to the interested field of studying</p> <p>3. Other qualifications would be considered by admission committee</p> <p><u>Requirement documents:</u></p> <p>1. The employer's recommendation letter</p> <p>2. Statement of purpose mentioned about why you would like to study in this program, your research of interest and more about your idea (at least 3 pages A4)</p> <p>3. Publications or accepted manuscripts</p> <p>4. English testing score <u>TOEFL</u> Paper Based score of 500 or Computer Based score of 173 or Internet Based score of 61 or Institutional testing Program score of 520 or <u>IELTS</u> score of 5.0</p> <p>5. Two recommendation letters from Master Degree's thesis advisor or Bachelor's degree's teacher</p> <p>6. Curriculum Vitae</p> <p>7. Transcript of the highest Degree gained as well as a transcript of the Bachelor's degree</p> <p>8. A copy of passport</p> <p>9. Medical certificate</p>	
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ 13 August - 16 December 2019 <input checked="" type="checkbox"/> semester 2/ 6 January - 10 May 2020					
<b>Scholarship's terms and conditions</b>			<b>Payment</b>		
<p>1. The scholar must report research progress every 6 months</p> <p>2. The scholar must publish his/her dissertation in reputable, peer-review journal indexed in international data bases e.g. ISI: 2 publications for Ph.D.; one publication for Master's degree</p>			<p>Allowance: 8,000 THB/month</p> <p>Travel expense: At cost but not exceed 15,000 THB</p> <p>Insurance: 2,000-3,000 THB (depends on the insurance options)</p> <p>Textbooks: 4,000 THB/year</p> <p>Tuition Fee: At cost</p>		
<b>Course information</b>					
www.bme.psu.ac.th					



University: Prince of Songkhla University  
Contact person: Ms. Kanokkon Khannui  
Tel: +66-7445-1180-1 Fax: -  
E-mail: kkanokon@medicine.psu.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Science Program in Biomedical Sciences	Master of Science (Biomedical Sciences)	<ul style="list-style-type: none"> <li>✓ Cambodia</li> <li>✓ Laos</li> <li>✓ Myanmar</li> </ul>	<p><u>Plan A1</u></p> <ol style="list-style-type: none"> <li>1. Candidates must hold a Bachelor's degree with minimum GPA of 3.00/4 in any following subjects: Medical Science, Dentistry, Pharmaceutical Science, Veterinary Science or equivalent subjects</li> <li>2. Candidates with B.Sc. in any subjects of Sciences who must have minimum GPA of 3.50/4 and/or a record of published research in relate discipline</li> <li>3. Other requirement apart from these will be under consideration by the Administrative Program Committee</li> </ol>	<p>Ms. Kanokkon Khannui Academic supporting staff Tel: +66-7445-1180-1 E-mail: kkanokon@medicine.psu.ac.th</p>
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ 13 August - 16 December 2019 <input type="checkbox"/> semester 2/ 6 January - 10 May 2020					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
<ol style="list-style-type: none"> <li>1. The scholar must report research progress every 6 months</li> <li>2. The scholar must publish his/her dissertation in reputable, peer-review journal indexed in international data bases e.g. ISI: one publication for Master's degree</li> </ol>				<p>Allowance: 8,000 THB/month Travel expense: At cost but not exceed 15,000 THB Insurance: 2,000-3,000 THB (depends on the insurance options) Textbooks: 4,000 THB/year Tuition Fee: At cost</p>	
<b>Course information</b>					
www.biomed.psu.ac.th					

## Master program (M.Sc.) in Biomedical Sciences

The programs focused on the study of cell biology and molecular biology in medicine, aiming to produce lifelong learning graduate students with ability to conducting quality research at the international level. Various activities are provided to create efficient learning and working environment.

### Research topics in Biomedical Sciences

- WT1 gene in breast cancer
- Colorectal cancer pathogenesis
- Tumor marker and its applications
- Proteomics and protein function in cancer
- Molecular epidemiology, diagnosis and pathogenesis of microbial infections
- Computational study of proteins-related diseases and drug development
- Anti-cancer drug development

### English Language Proficiency

Master's Degree and Ph.D. students must pass the English proficiency test as determined by the Graduate School.

Testing institute	Master Degree Level	Master Degree (International Program) and Ph.D. Level
1. PSU-TEP	60 % (Only score of Reading and Structure)	An average of at least 60% in all three categories (Reading, Listening, Writing)
2. CU-TEP	At least 60 score in Reading, Listening and Writing	At least 60 score in Reading, Listening and Writing
3. TOEFL (Paper Based)	Score of 450	Score of 500
4. TOEFL (revised Paper-delivered Test)	Score of 34	Score of 46
5. TOEFL (Institutional Test Program)	Score of 450	Score of 520
6. TOEFL (Computer Based)	Score of 133	Score of 173
7. TOEFL (Internet Based)	Score of 45	Score of 61
8. IELTS	Score of 4.5	Score of 5

Test results need to have been obtained within 2 years before commencing studies at PSU. Students who wish to use test results from TOEFL, IELTS, or other testing institutes must submit a **General Request Form 1 (RF1)** for English language equivalent with the valid test result through the academic/thesis advisor to the Graduate School for approval.

### Tuition Fee

Item	International Student
Tuition Fee per an academic year	฿ 64,000

### Course Syllabus for Master program

Course	Plan A1
Compulsory subject	-
Elective subject	-
Thesis	36
Minimum total required credit	36

### Master's Degree Plan A1 Thesis only with 36 credits

	1 <sup>st</sup> Semester	Credits	2 <sup>nd</sup> Semester	Credits
1 <sup>st</sup> year	373-581 Thesis	9	373-581 Thesis	9
2 <sup>nd</sup> year	373-581 Thesis	9	373-581 Thesis	9

Please note that for plan A1 the selected applicant may be asked to register the following courses by the curricular committees to fulfill the degree requirement:

- 1) 373-520 Medical Cell Biology
- 2) 373-521 Applied Molecular Biology
- 3) 373-570 Biomedical Laboratory Techniques
- 4) 373-590 Thesis Proposal Preparation

University: Silpakorn University  
 Contact person: Ms. Nattawan Worawannotai  
 Tel: +66-3424-5300 ext. 28004 Fax: +66-3424-5333  
 E-mail: nattawand@gmail.com

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Doctor of Philosophy Program in Mathematics	Doctor of Philosophy (Mathematics)	<input checked="" type="checkbox"/> Laos <input checked="" type="checkbox"/> Myanmar	As attached	Dr. Somphong Jitman Assistant Professor Tel: +66-3424-5320 ext. 28102 Fax: +66-3424-5333 E-mail: sjitman@gmail.com
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
-				Allowance: 8,000 THB/month Travel expense: At cost Insurance: At cost Textbooks: 4,000 THB/year Tuition Fee: At cost	
<b>Course information</b>					
<a href="http://www.graduate.su.ac.th/images/course/phd_2561/20_PhD.pdf">http://www.graduate.su.ac.th/images/course/phd_2561/20_PhD.pdf</a>					

**Doctor of Philosophy Program in Mathematics  
(International Program, Revised 2015)**

**Institute** Silpakorn University

**Campus/Faculty/Department** Sanamchandra Palace, Graduate School, Department of Mathematics

**Section 1 General Information**

**1. Program Title**

**Thai** หลักสูตรปรัชญาดุษฎีบัณฑิต สาขาวิชาคณิตศาสตร์ (หลักสูตรนานาชาติ)

**English** Doctor of Philosophy Program in Mathematics (International Program)

**2. Degree Title**

**Full title in Thai** ปรัชญาดุษฎีบัณฑิต (คณิตศาสตร์)

**Abbreviated title in Thai** ปร.ด. (คณิตศาสตร์)

**Full title in English** Doctor of Philosophy (Mathematics)

**Abbreviated title in English** Ph.D. (Mathematics)

**3. Major field (if any)** None

**4. Program total credits**

Type 1.1 48 credits

Type 1.2 72 credits

Type 2.1 no less than 51 credits

Type 2.2 no less than 75 credits

**5. Program format**

**5.1 Format** Doctor of Philosophy Program

3 years for Type 1.1 and Type 2.1

5 years for Type 1.2 and Type 2.2

**5.2 Language** English

**5.3 Admission** Thai and foreign students

**5.4 Collaboration with other institutes** The program is administered solely by Silpakorn University.

**5.5 Degree awarded** Degree in Mathematics

**6. Program status and program permission/approval**

Revised 2015 program (revised from the revised 2012 Doctor of Philosophy Program in Mathematics (International Program)). Instruction begins first semester of academic year 2015.

The University Academic Committee granted program approval at Meeting number 1/2015  
Day 15 Month January Year 2015

The University Council granted program permission at Meeting Number 7/2015  
Day 8 Month July Year 2015

**7. Dissemination of quality and standardized program timeframe**

Academic Year 2017

**8. Post-graduation occupations**

1. Instructors in higher education institutes
2. Mathematics instructors in international schools both in local and overseas
3. Researchers in research and development institutes
4. Academicians in government and private sectors

**9. Names, positions and academic qualifications of instructors in charge of the program**

**1. Mrs. Chawewan Ratanaprasert**

National identification number: 3-2001-01124-32-8

Position: Professor

Qualification: Ph.D. (Mathematics) LaTrobe University, Australia (1987)

M.Sc. (Mathematics) Chulalongkorn University (1977)

B.Sc. (Mathematics) Chulalongkorn University (1975)

**2. Mr. Somjate Chaiya**

National identification number: 3-7301-00132-69-1

Position: Assistant Professor

Qualification: Ph.D. (Mathematics) University of Illinois at Urbana-Champaign, USA (2008)

M.S. (Mathematics) Oregon State University, USA (2002)

B.Sc. (Mathematics) Kasetsart University (2000)

**3. Mr. Prapanpong Pongsriiam**

National identification number: 3-5006-00181-28-6

Position: : Assistant Professor

Qualification: Ph.D. (Mathematics) The Pennsylvania State University, USA (2012)

M.Sc. (Mathematics) Chulalongkorn University (2006)

B.Sc. (Mathematics) Chulalongkorn University (2004)

**10. Place of Instruction**

Faculty of Science, Silpakorn University, Sanamchandra Palace, Nakhon Phathom

**11. External situation or important development considered for program planning****11.1 Economic situation or development**

In planning the present program, the economic situations and development included in the 11<sup>th</sup> National Social and Economic Development Plan (2012-2016) were taken into consideration. In particular, the subject of "Strategy for Improving Human and the Community Toward the Community of Learning and Knowledge" gives the guideline for developing human resource with a distinct skill in creating and applying new innovations to strengthen the country overall. The guideline aims to improve the human resource in all subject areas especially in sciences and technology. Since mathematics is the foundation for the development of sciences and technology, the development in those areas has to go along with the development of mathematics program which is consistent with the advance in science technology and the country's demand.

**11.2 Socio-cultural situation or development**

Socio-cultural situation or development taken into the consideration when planning the program is the change in culture which integrates local knowledge from all disciplines. The integrated knowledge is used toward the socio-cultural development of the country to keep up with the same change in the international community. The planning of mathematics programs has to match this demand because mathematical thinking is essential for all developments that require logical thinking process. Delicate application of mathematical process for developments that match socio-cultural situation together with the promotion of good morality and work ethics will prepare the graduates for changes in both local and global levels.

**12. Impact of 11.1 and 11.2 on program development and their relevancy to the university missions****12.1 Program development**

To prepare for the impact of external situations, the development of the program has to be proactive and efficient. The program should be flexible enough to adjust to the changes and advancement in mathematics, sciences, and technology. In order for the country to advance along with the world, the doctoral program in mathematics has to produce graduates who are knowledgeable and are capable of constant self-improvement. In addition, the graduates should have good morality and ethics, as emphasized in the university's mission and policy.

#### **12.2 Relevancy to the university mission**

Due to the influence of the external situations as described in 11, the development of the doctoral program in mathematics has to aim toward producing graduates who can meet the demands of global challenges and the demands for in-depth research of internationally acknowledged quality. This is in-line with the university's strategy which aims for academic excellence, research, and innovations. The program also coincides with the university's mission by focusing on promoting good morality and ethics. The graduates of the program should have the ability to apply and integrate the knowledge to improve the community both locally and nationally.

#### **13. Relationship with other programs in the faculties/departments in the university**

None



## Section 2 Program's specific information

### 1. Program's philosophy, significance, and objectives

#### 1.1 Philosophy

The program aims to produce high quality graduates who are both knowledgeable in mathematics and have high potential in conducting mathematics research at an international standard. In addition, the graduates should have good moral and ethics and place the first priority on the interest of the community and the country.

#### 1.2 Significance

In developing the country to match the global advance in science and technology, the work force in mathematics which is highly capable of conducting research is of essential importance. To match the demand a doctoral program in mathematics with capacity in producing graduates with high research potential is required. In addition, the program should instill good moral and ethics on the students and teach the students to place the first priority on the interest of the community and the nation.

#### 1.3 Objectives

1.3.1 To produce mathematicians who are capable of conducting research of an international standard

1.3.2 To produce and improve the quality of mathematics instructors in college and higher levels, contributing to solve the problem of short supplies of mathematics instructors in colleges and universities

1.3.3 To serve universities' employees development plan

## 2. Revision plan

Improvement/Development plans	Strategies	Evidence/Indicators
Revise the program to maintain the standard specified by OHEC, at least every 5 years.	<ol style="list-style-type: none"> <li>1. Prepare course details according to TQF 3.</li> <li>2. Prepare report of course operation outcome according to TQF 5.</li> <li>3. Prepare report of program operation outcome according to TQF 7</li> </ol>	<ol style="list-style-type: none"> <li>1. TQF 3 of all courses</li> <li>2. TQF 5 of all courses</li> <li>3. Annual TQF 7 Form</li> </ol>
Revise the program to keep it updated and consistent with the advance in science and technology, at least every 5 years.	Evaluate the program from its operation, instruction management, organization and operator demand, and graduate employment.	Program's evaluation report
Disseminate research results in the international academic communities within 5 years.	Encourage and support the dissemination of students' research results to be published in international journals.	Disseminated articles or presentation of research results

### Section 3 Program's academic administration, implementation and structure

#### 1. Academic administration

1.1 **System:** Bi-semester instructional system. All regulations are in accordance with Silpakorn University's Regulations on Graduate Study B.E. 2550 and/or subsequent revision (2007, see Appendix1).

1.2 **Summer instruction:** Summer courses are available based on the Program Committee's decision.

1.3 **Credit transfer in the bi-semester system:** None

#### 2. Program implementation

##### 2.1 Instruction period

Semester 1	August-December
Semester 2	January-May
Summer semester	June-August

##### 2.2 Student qualifications

###### 2.2.1 Type 1 (Thesis)

**Type 1.1** Thesis equivalent to 48 credits

Graduates of a master's degree or equivalent in mathematics or related fields, with a GPA of 3.25 or higher, or by department's approval

**Type 1.2** Thesis equivalent to 72 credits

Graduates of a bachelor's degree with honors in science or equivalent in mathematics or related fields

###### 2.2.2 Type 2 (Thesis and additional courses)

**Type 2.1** Thesis equivalent to 36 credits and additional courses not less than 15 credits. Graduates of a master's degree or equivalent in mathematics or related fields

**Type 2.2** Thesis equivalent to 48 credits and additional courses no less than 27 credits. Graduates of a bachelor's degree with first-class honors or equivalent in mathematics or related fields

2.2.3 **English candidates under Clause 2.2.1 and 2.2.2** Candidates must have all the qualifications specified in Clause 7 of Silpakorn University's Regulations on Graduate Study B.E. 2550 (2007) ( and/or the subsequent revision).

**2.2.4** Candidates must pass an English test equivalent to a minimum TOEFL score of 500 (paper based), 173 (computer based) or 61 (internet based), or a minimum IELTS scores of 5.0, and the test must be taken no more than 2 years prior to the first date of program attendance. The eligible candidates may be allowed to use CU-TEP or TU-Get scores, at the minimum scores of 500 or 550 respectively, taken no more than 2 years prior to the first date of program attendance, for their proof of English proficiency. Eligible candidates who are unable to provide results of the specified English test may be accepted to the program with the approval of the department.

**2.2.5** Candidates who do not have all the qualifications in 2.2.1-2.2.3 must have their cases considered by the department and the dean of graduate school.

**2.3 Problem of incoming students**

None

**2.4 Strategy for the correction of students problem/limitation in 2.3**

None

**2.5 Admission plan and graduation projection in the next 5 years**

**2.5.1 Type 1.1 and Type 2.1**

Year	Number of students in each academic year				
	2015	2016	2017	2018	2019
Year 1	7	7	7	7	7
Year 2		7	7	7	7
Year 3			7	7	7
<b>Total</b>	7	14	21	21	21
Number of expected graduates	0	0	7	7	7

## 2.5.1 Type 1.2 and Type 2.2

Year	Number of students in each academic year				
	2015	2016	2017	2018	2019
Year 1	1	1	1	1	1
Year 2		1	1	1	1
Year 3			1	1	1
Year 4				1	1
Year 5					1
<b>Total</b>	1	2	3	4	5
Number of expected graduates	0	0	0	0	1

## 2.6 Planned budget

## 2.6.1 Revenue budget (Unit: Baht)

Revenue budget	Fiscal Year				
	2015	2016	2017	2018	2019
Surcharge and registration fee	800,000	1,600,000	2,400,000	2,500,000	2,600,000
<b>Total</b>	800,000	1,600,000	2,400,000	2,500,000	2,600,000

Note: A package of charge and registration fee costs 50,000 Baht per term.

## 2.6.2 Expenditure budget (Unit: Baht)

Budgetary items	Fiscal Year				
	2015	2016	2017	2018	2019
<b>a. Operation budget</b>					
Remuneration	272,000	544,000	816,000	850,000	884,000
Operation expense	160,000	320,000	480,000	500,000	520,000
Scholarship	80,000	160,000	240,000	250,000	260,000
Expense at the university level	128,000	256,000	384,000	400,000	416,000
<b>Total (a)</b>	640,000	1,280,000	1,920,000	2,000,000	2,080,000
<b>b. Investment budget</b>					
Equipments	160,000	320,000	480,000	500,000	520,000
<b>Total (b)</b>	160,000	320,000	480,000	500,000	520,000
<b>Total (a)+(b)</b>	800,000	1,600,000	2,400,000	2,500,000	2,600,000
Number of students	8	16	24	25	26

Budgetary items	Fiscal Year				
	2015	2016	2017	2018	2019
Expense per one student	100,000	100,000	100,000	100,000	100,000

### 2.7 Study format

- Classroom
- Distance learning through the primary source of printed media
- Distance learning through the primary source of audio-visual media
- Distance learning through the primary source of E-learning media
- Distance learning through the primary source of Internet media
- Other (please specify)

### 2.8 Course/credit transfer and inter-university course registration (if any)

All regulations are in accordance with Silpakorn University's Regulations on Graduate Study B.E.2550 (2007) and/or subsequent revision.

## 3. Program and instructors

### 3.1 Program

3.1.1 Number of credits The total credits for each program are not less than :

48 credits for Type 1.1

72 credits for Type 1.2

No less than 51 credits for Type 2.1

No less than 75 credits for Type 2.2

### 3.1.2 Program structure

#### 3.1.2.1 Type 1 (Thesis)

Courses	Credits	
	Type 1.1	Type 1.2
	Students with a master's degree	Students with a bachelor's degree
Thesis (equivalent to)	48	72
Seminar (non-credit)	6	10
Research study in mathematics (non-credit)	2	2
<b>Total credits</b>	<b>48</b>	<b>72</b>

#### 3.1.2.2 Type 2 (Thesis and additional courses)

Courses	Credits	
	Type 2.1	Type 2.2
	Students with a master's degree	Students with a bachelor's degree
Required courses	-	6
Seminar (non-credit)	4	6
Research study in mathematics (non-credit)	1	1
Core courses	9	15
Elective courses (no less than)	6	6
Thesis (equivalent to)	36	48
<b>Total credits (no less than)</b>	<b>51</b>	<b>75</b>

### 3.1.3 Courses

#### 3.1.3.1 Course number explanation

Course numbers are specified by 6 digits which can be divided into two groups of three digits. The first three digits refers to the department that is in charge of the course as follows.

511 Department of Mathematics, Faculty of Science

Within the last three digits, the first digit which can be either 5, 6, 7 or 8 refers to the graduate level, the second digit refers to the field specialization as below

- 0 – Advanced Mathematics
- 1 – Algebra
- 2 – Analysis
- 3 – Geometry
- 4 – Number Theory
- 5 – Combinatorics
- 6 – Differential Equations
- 7 – Applied Mathematics
- 8 – Computational Science
- 9 – Seminar and Research

The last digit is the course serial number.

**3.1.3.2 Criterion for calculation of credits:**

Lecture courses: 1 credit is equivalent to 1 hour per week.

Practical courses: 1 credit is equivalent to 2 or 3 hours per week.

Thesis: 1 credit is equivalent to 3-4 hours per week.

The number of credits for a course is calculated by the following formula

$$\text{number of credits} = \frac{l+p+s}{3}$$

where "l", "p" and "s" refer to the lecture, practical and self-study duration, respectively.

The credit shown for each course will be presented as x(l-p-s) where "x" is the total number of credit point, "l" is the lecture hours per week, "p" is the practical hours per week, and "s" is self-study hours per week.

**3.1.3.3 Curriculum courses****Type 1****Type 1.1**

(1) Seminar (credits are not counted toward graduation and graded as S/U) 6 credits

511 791	Seminar in Advanced Mathematic I	2*(0-4-2)
511 792	Seminar in Advanced Mathematics II	2*(0-4-2)
511 793	Seminar in Advanced Mathematics III	2*(0-4-2)

(2) Research study in mathematics (credits are not counted toward graduation and graded as S/U) 2 credits

511 794	Research Study in Mathematics I	1*(0-2-1)
511 795	Research Study in Mathematics II	1*(0-2-1)

(3) Thesis (equivalent to) 48 credits

511 891	Thesis (equivalent to)	48 credits
---------	------------------------	------------

**Type 1.2**

(1) Seminar (credits are not counted toward graduation and graded as S/U) 10 credits

511 591	Seminar I	2*(0-4-2)
511 592	Seminar II	2*(0-4-2)
511 791	Seminar in Advanced Mathematic I	2*(0-4-2)
511 792	Seminar in Advanced Mathematics II	2*(0-4-2)



511 793 Seminar in Advanced Mathematics III 2\*(0-4-2)

(2) Research study in mathematics (credits are not counted toward graduation and graded as S/U) 2 credits

511 794 Research Study in Mathematics I 1\*(0-2-1)

511 795 Research Study in Mathematics II 1\*(0-2-1)

(3) Thesis (equivalent to) 72 credits

511 892 Thesis (equivalent to) 72 credits

## Type 2

### Required courses

#### Type 2.1

(1) Seminar (credits are not counted toward graduation and graded as S/U) 4 credits

511 791 Seminar in Advanced Mathematic I 2\*(0-4-2)

511 792 Seminar in Advanced Mathematics II 2\*(0-4-2)

(2) Research study in mathematics (credits are not counted toward graduation and graded as S/U) 1 credit

511 794 Research Study in Mathematics I 1\*(0-2-1)

#### Type 2.2

(1) Seminar (credits are not counted toward graduation and graded as S/U) 6 credits

511 591 Seminar I 2\*(0-4-2)

511 791 Seminar in Advanced Mathematic I 2\*(0-4-2)

511 792 Seminar in Advanced Mathematics II 2\*(0-4-2)

(2) Research study in mathematics (credits are not counted toward graduation and graded as S/U) 1 credit

511 794 Research Study in Mathematics I 1\*(0-2-1)

(3) Required courses 6 credits

511 514 Linear Algebra with Applications 3(3-0-6)

511 521 Mathematical Analysis 3(3-0-6)

**Core courses**

**Type 2.1** Students are required to take 9 credits of core courses.

511 512	Abstract Algebra I	3(3-0-6)
511 513	Abstract Algebra II	3(3-0-6)
511 516	Universal Algebra	3(3-0-6)
511 522	Real Analysis I	3(3-0-6)
511 523	Real Analysis II	3(3-0-6)
511 524	Functional Analysis	3(3-0-6)
511 526	Complex Analysis	3(3-0-6)
511 531	Topology	3(3-0-6)
511 532	Differentiable Manifolds	3(3-0-6)
511 533	Algebraic Topology	3(3-0-6)
511 534	Algebraic Geometry	3(3-0-6)
511 541	Analytic Number Theory	3(3-0-6)
511 551	Combinatorics	3(3-0-6)
511 552	Graph Theory	3(3-0-6)
511 561	Theory of Ordinary Differential Equations	3(3-0-6)
511 562	Partial Differential Equations	3(3-0-6)
511 563	Theory of Partial Differential Equations	3(3-0-6)
511 572	Numerical Analysis I	3(3-0-6)
511 574	Advanced Numerical Methods	3(3-0-6)
511 579	Principles of Applied Analysis	3(3-0-6)
511 611	Algebraic Coding Theory	3(3-0-6)
511 672	Probability Theory	3(3-0-6)
511 673	Stochastic Processes	3(3-0-6)

**Type 2.2** Students are required to take 15 credits of core courses. Students must enroll in courses from at least two different groups of the three groups below:

**Algebra**

511 512	Abstract Algebra I	3(3-0-6)
511 513	Abstract Algebra II	3(3-0-6)

**Analysis**

511 522	Real Analysis I	3(3-0-6)
511 524	Functional Analysis	3(3-0-6)
511 526	Complex Analysis	3(3-0-6)

**Applied Mathematics**

511 561	Theory of Ordinary Differential Equations	3(3-0-6)
511 562	Partial Differential Equations	3(3-0-6)
511 572	Numerical Analysis I	3(3-0-6)

In addition, students can enroll in the following courses:

511 516	Universal Algebra	3(3-0-6)
511 523	Real Analysis II	3(3-0-6)
511 531	Topology	3(3-0-6)
511 532	Differentiable Manifolds	3(3-0-6)
511 533	Algebraic Topology	3(3-0-6)
511 534	Algebraic Geometry	3(3-0-6)
511 541	Analytic Number Theory	3(3-0-6)
511 551	Combinatorics	3(3-0-6)
511 552	Graph Theory	3(3-0-6)
511 563	Theory of Partial Differential Equations	3(3-0-6)
511 574	Advanced Numerical Methods	3(3-0-6)
511 579	Principles of Applied Analysis	3(3-0-6)
511 611	Algebraic Coding Theory	3(3-0-6)
511 672	Probability Theory	3(3-0-6)
511 673	Stochastic Processes	3(3-0-6)

**Elective courses**

**Type 2.1** Students are required to take at least 6 credits of elective courses.

**Type 2.2** Students are required to take at least 6 credits of elective courses.

Students can select courses from the following list, from the core courses, or the new courses that the department add later.

511 515	Advanced Linear Algebra	3(3-0-6)
511 517	Duality Theory	3(3-0-6)

511 518	Representation Theory of Finite Groups	3(3-0-6)
511 519	Applicable Algebra	3(3-0-6)
511 525	Applied Functional Analysis	3(3-0-6)
511 527	Complex Dynamics	3(3-0-6)
511 528	Quasiconformal Mappings	3(3-0-6)
511 535	Lie Groups and Lie Algebras	3(3-0-6)
511 536	Algebraic Groups	3(3-0-6)
511 542	Algebraic Number Theory	3(3-0-6)
511 553	Advanced Combinatorics	3(3-0-6)
511 554	Algebraic Graph Theory	3(3-0-6)
511 571	Mathematical Modeling	3(3-0-6)
511 573	Numerical Analysis II	3(3-0-6)
511 575	Linear Differential Operators in Mathematical Physics	3(3-0-6)
511 576	Mathematical Theory of Inverse Problems	3(3-0-6)
511 577	Finite Element Methods	3(3-0-6)
511 578	Quantum Computing	3(3-0-6)
511 581	Multigrid Techniques for Differential Equations	3(3-0-6)
511 582	Numerical Methods for Image Registration	3(3-0-6)
511 583	Variational Techniques and Partial Differential Equations in Image Sciences	3(3-0-6)
511 584	Optimization	3(3-0-6)
511 585	Iterative Methods for Sparse Systems of Equations	3(3-0-6)
511 601	Selected Topics in Mathematics I	3(3-0-6)
511 602	Selected Topics in Mathematics II	3(3-0-6)
511 613	Finite Commutative Ring Theory and Applications	3(3-0-6)
511 674	Information Theory	3(3-0-6)
511 711	Selected Topics in Algebra	3(3-0-6)
511 712	Selected Topics in Coding Theory	3(3-0-6)
511 721	Selected Topics in Analysis	3(3-0-6)
511 731	Selected Topics in Geometry	3(3-0-6)

511 741	Selected Topics in Number Theory	3(3-0-6)
511 751	Selected Topics in Combinatorics	3(3-0-6)
511 752	Selected Topics in Graph Theory	3(3-0-6)
511 761	Selected Topics in Differential Equations	3(3-0-6)
511 771	Selected Topics in Applied Mathematics	3(3-0-6)
511 772	Selected Topics in Applied Analysis	3(3-0-6)
511 781	Selected Topics in Computational Science	3(3-0-6)
511 782	Selected Topics in Optimization	3(3-0-6)

**Thesis****Type 2.1**

511 893 Thesis equivalent to 36 credits

**Type 2.2**

511 891 Thesis equivalent to 48 credits

## Social sciences, business and law

University: Chiang Mai University  
Contact person: Ms. Kulcharee Kritsathikarnkul  
Tel: +66-5394-2235 Fax: +66-5394-2202  
E-mail: ird.econcmu@gmail.com

### Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Economics (International Program)	Master of Economics	✓ Cambodia ✓ Myanmar	Candidates have to hold a Bachelor's degree in Economics or related field.	Ms. Tidarat Chaokhieowong Program Coordinator Tel: +66-5394-2251 Fax: +66-5394-2214, +66-5394-2202 E-mail: chaokhieowong@gmail.com

### Semester registration open / Starting and closing date of semester

- semester 1/ August - December 2019  
 semester 2/ January - May 2020

### Scholarship's terms and conditions

1. During studying, the scholarship recipient will be assigned to be a teaching assistant/research assistant, or other assignments by the faculty, or assigned by the private company that grant the scholarship.
2. After graduation, the scholarship recipient will be interviewed or recruited by a private company. In case, you are not qualified, there is no obligation will be engaged.

### Payment

Allowance: 10,000-13,000 THB/month  
Travel expense: 10,000 THB/year  
Textbooks: 4,000 THB/year  
Tuition Fee: Waived for 1.5 years (or 3 semesters)  
Visa: 2,000 THB/year  
Remark: Payment will be made according to the curriculum period of 1.5 years or 18 months.

### Course information

As attached



**ANNOUNCEMENT**  
**FACULTY OF ECONOMICS CHIANG MAI UNIVERSITY**  
ADMISSION TO THE MASTER OF ECONOMICS (INTERNATIONAL PROGRAM)

**Introduction**

The Faculty of Economics at Chiang Mai University (CMU) is the only public educational institution in Northern Thailand that offers training in economics at both undergraduate and graduate levels. The graduate economics degree program, which began in 1983, aims to promote education, impart knowledge of economics, and produce scholars and professional economists to meet the demands of both governmental and private agencies in Thailand (particularly the northern region), as well as throughout Asia.

**Requirements for admission**

Candidates must hold a Bachelor's Degree in Economics or related field.

**Titles of the degrees**

Name of the Curriculum : Master of Economics Program (International Program)  
Name of the Degree : Master of Economics  
Abbreviation of the Degree : M. Econ.

**Class hours**

The classes for the international master degree program will be conducted during regular hours between 08:00 and 16:30 Monday through Friday.

**Time period of regular study program**

The minimum time requirement is one and a half years and does not exceed three years.

**Tuition fee**

1. Tuition fees for the duration of the three semesters are charged on a lump sum basis of 105,000 Baht for the whole degree program or 35,000 Baht per semester. This lump sum includes the student enrollment fee, university registration fee, university fee, library service fee, healthcare fee, university sporting activities fee, university activity fee, insurance fee, student card fee, laboratory fee, technology and computer service fees, registration document fee, and economic student fee.

2. If the students cannot complete their study within three semesters, they are required to pay a student status fee of 10,000 Baht per semester.

Academic Year	Semester	Tuition fee	Student Status fee	Foreign Student fee	Total
1 <sup>st</sup>	1 <sup>st</sup>	35,000	-	-	35,000
	2 <sup>nd</sup>	35,000	-	-	35,000
2 <sup>nd</sup>	1 <sup>st</sup>	35,000	-	-	35,000

Student cannot complete study within three semesters of regular program (or 1.5 years)

	2 <sup>nd</sup>	-	10,000	-	10,000
3 <sup>rd</sup>	1 <sup>st</sup>	-	10,000	-	10,000
	2 <sup>nd</sup>	-	10,000	-	10,000

\* Other fees may also be added if there is an announcement by the Chiang Mai University Administration.

### Course requirement

For a total normal duration of 18 months (or three semesters), students will take intensive courses taught entirely in English.

### Thesis

Students will take 10 courses (carrying 30 credit hours) and write a thesis (carrying an additional 12 credit hours), totaling 42 credit hours. Each student will have to pass a foreign language test, as required by the Graduate School.

### Structure

#### • Degree Requirements

Coursework	: a minimum of	30 credits
Thesis	:	12 credits
Total	: a minimum of	42 credits

#### • Curriculum Structure

##### A. Coursework

1. Graduate courses	a minimum of	<b>30 credits</b>
1.1 Field of concentration courses	a minimum of	30 credits
1.1.1 Required courses		18 credits
751701 ECON701	Microeconomic Theory	
751702 ECON702	Macroeconomic Theory	
751703 ECON703	Econometrics	
751705 ECON705	Quantitative Analysis in Economics	
751706 ECON706	Globalization and World Economy	
751708 ECON708	Research Methodology in Economics	
1.1.2 Elective courses	a minimum of	12 credits
	Must be choose from the following courses:	
Group I	Quantitative Economics	
Group II	Theory of Economics	
Group III	Monetary and Fiscal Economics	
Group IV	Resources Economics	
Group V	International Economics	
Group VI	Development Economics	



**B. Thesis**

751799 ECON799 Master's Thesis

**12 credits****C. Non - credit courses**

1. Graduate School requirement: English proficiency

2. Program requirement: In order to graduate,

1) A student must organize and present a seminar at least once every semester for at least three semesters and must attend one seminar per semester until graduation.

2) At least part of the thesis (primarily authored by the student) must be published in a peer-reviewed journal or other academic media, or it must be presented during the international conference proceedings presided over by an editorial board. Moreover, it must be copyrighted by the author and must be accessible in both printed and electronic form.

**Study program**

Recommended Study Program Leading to The Master of Economics (International program)

**FIRST YEAR**1<sup>st</sup> Semester

Courses Code			Credits
751701	ECON	701	3
751702	ECON	702	3
751703	ECON	703	3
751705	ECON	705	3
751.....	ECON	.....	3
		Total	15
* Submit Thesis Title			

2<sup>nd</sup> Semester

Courses Code			Credits
751706	ECON	706	3
751708	ECON	708	3
751.....	ECON	.....	3
751.....	ECON	.....	3
751.....	ECON	.....	3
		Total	15
* Thesis Proposal Defense			

**SECOND YEAR**1<sup>st</sup> Semester

Courses Code			Credits
751799	ECON	799	12
		Total	12
* Thesis Oral Examination			

\* All courses in the Study Program must be approved by the Graduate Studies Committee in every semester.

University: Khon Kaen University  
Contact person: Dr. Pattanapong Topark-ngarm  
Tel: +668-5168-5552 Fax: +66-4320-3875  
E-mail: pattto@kku.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Public Administration Program	M.PA	✓ Laos	As attached	Ms. Kewaree Sangsawang International Officer Tel: +668-5224-3554 Fax: +66-4320-3875 E-mail: imm.kewaree@gmail.com
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ Starting in early August 2019 <input checked="" type="checkbox"/> semester 2/ Starting in early January 2020					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
-				Allowance: At least 8,000 THB/month Travel expense: At cost Insurance: At cost Textbooks: At least 4,000 THB/year Tuition Fee: At cost	
<b>Course information</b>					
<a href="http://www.cola.kku.ac.th/web/page/7">www.cola.kku.ac.th/web/page/7</a>					



Announcement of the College of Local Administration, Khon Kaen University  
(Issue 007/2018)

Title Scholarship for the Master's Degree of the College of Local Administration of 2018  
Academic Year

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Since the College of Local Administration (COLA) has realized to the importance of human resource development, COLA has been developing academic staffs of the college by increasing strength and the relation of a coordinator network. Besides, in order to enhance the number of international students in the program, COLA has allocated scholarships for students in the Master's Degree program.

By virtue of section 13 of the COLA regulation which is human resource development funding of 2011, details of the educational fee funding allocated for the Master's degree study at COLA are as follows;

**1. Scholarship**

1.1 Scholarships for a Master's degree study at COLA open to the public are

- Two scholarships for academic staffs associated with Khon Kaen University (except academic staff associated with COLA)
- One scholarship for mass media

1.2 Scholarships for a Master's degree study at COLA for international students

**2. Qualification**

Qualified applicants must meet the following criteria;

- 2.1 Hold a bachelor's degree or equivalent
- 2.2 At least a year of working experience
- 2.3 Period of study must be less than 2 years or no longer than the period written in the university curriculum
- 2.4 Never receive a master's degree
- 2.5 Never receive a scholarship from COLA
- 2.6 Good relationship, creativity, determination, leadership
- 2.7 Physically and mentally healthy, without a highly contagious disease being an obstacle to studying. Conscription for army service is required for male applicants.
- 2.8 Never been imprisoned by the final judgement except for light penalties or offenses committed by negligence
- 2.9 Not currently receiving a scholarship with obligations
- 2.10 Home address in the foreign country is required to receive a scholarship for international students

However, the consideration for receiving is dependent on the decision made by committees of the human resource development funding

### **3. Expenses paid by a scholarship receiver**

In case that a scholarship receiver needs to retake the exam or request to enroll in classes not specified in the curriculum, the receiver is responsible for all expenses that is not written in section 5, accordingly.

### **4. Conditions for receiving a scholarship and signing a contract**

4.1 Students eligible for a scholarship must sign a contract in order to receive a scholarship according to regulations and conditions of COLA

4.2 A scholarship receiver is NOT allowed to receive other scholarships while receiving a scholarship from COLA. In case that there are any changes during the preparation for the study or studying at COLA, an agreement must be approved by the committee prior to such changes.

4.3 A scholarship receiver must maintain a satisfying study by having a GPA no less than 3.0 or equivalent in each semester

4.4 A scholarship receiver who is NOT able to graduate must repay twice of the amount of the scholarship given from COLA

4.5 During the study, a progress report must be submitted to COLA once a month (at least)

4.6 If a scholarship receiver neglects to follow the regulations, rules, or a student policy written by the university and misbehaves leading to the unacceptable defamatory to the university either directly or indirectly, the university has right to cancel the scholarship and the scholarship receiver must repay COLA according to the sign contract.

### **5. Personal surety**

At the COLA office, a scholarship receiver and a surety are required to sign a contract and a surety contract with COLA, respectively. The personal surety must be father, mother, or government employee level 6 or higher.

**Note:** All application documents will be approved by COLA. In case that the documents are found to be NOT true or correct, the student status of Khon Kaen University will be cancelled, due to the university regulations of 2005. The legal action will also be taken accordingly.

For more information, please contact The College of Local Administration, Khon Kaen University, 123, Mittapap Rd., Nai-Muang, Muang District, Khon Kaen 40002, Phone: 043-203124, Fax: 043-203133, cellphone: 089-7118964, website: [www.cola.kku.ac.th](http://www.cola.kku.ac.th), and email address: [cola@kku.ac.th](mailto:cola@kku.ac.th)

University: Mae Fah Luang University  
Contact person: Mrs. Jindaporn Promthada  
Tel: +66-5391-6090 Fax: -  
E-mail: jindaporn.tam@mfu.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Business Administration Program in Business Administration	Master of Business Administration (Business administration)	<input checked="" type="checkbox"/> Cambodia <input checked="" type="checkbox"/> Laos <input checked="" type="checkbox"/> Myanmar	<a href="http://web2.mfu.ac.th/division/inter/?page_id=265">http://web2.mfu.ac.th/division/inter/?page_id=265</a>	Dr. Piyatida Pianluprasidh Lecturer, School of Management Tel: +66-5391-6707 Fax: - E-mail: piyatida@mfu.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1 <input type="checkbox"/> semester 2 *Programme starts from July 2019-February 2021					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
As attached				Allowance: 8,000 THB/month Travel expense: Round trip airfare (Economy class) Insurance: At cost Textbooks: 4,000 THB/year Tuition Fee: At cost	
<b>Course information</b>					
<a href="http://web2.mfu.ac.th/division/inter/?page_id=265">http://web2.mfu.ac.th/division/inter/?page_id=265</a>					

University: Prince of Songkhla University  
Contact person: Asst. Prof. Dr. Suthinee Rurkkhum  
Tel: +66-7428-7854 Fax: -  
E-mail: suthinee.r@psu.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Business Administration (International Program)	Master of Business Administration	<input checked="" type="checkbox"/> Cambodia <input checked="" type="checkbox"/> Laos <input checked="" type="checkbox"/> Myanmar	As attached	Asst. Prof. Dr. Suthinee Rurkkhum Director of Master of Business Administration (International Program) Tel: +66-7428-7854 Fax: - E-mail: suthinee.r@psu.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ 21 May 2019 <input type="checkbox"/> semester 2/					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
As attached				Allowance: 10,000 THB/month (24 months) = 240,000 THB Travel expense: One roundtrip (economy class) international flight and domestic flight within budget of 20,000 THB Tuition Fee: - Tuition fees (4 semesters) = 288,000 THB - Tuition fee for pre-MBA course (1 summer semester) = 36,000 THB Textbooks and other course materials & Health and accident insurance are included	
<b>Course information</b>					
imba.fms.psu.ac.th					

## Master of Business Administration (International Program)

Department of Business Administration Faculty of Management Sciences

Prince of Songkla University

Courses (Saturday-Sunday) Hat-Yai Campus

### 1. Eligibility of an applicant

1.1 An applicant must graduate a Bachelor's degree of Business Administration. An applicant whose native language is not English is required to submit one of the following English

Proficiency tests (valid for 2 years)

- TOEFL : TOEFL (Paper Based) at minimum score of 500 or
- TOEFL : TOEFL (ITP) at minimum score of 520 or
- TOEFL : TOEFL (Computer Based) at minimum score of 173 or
- TOEFL : TOEFL (Internet Based) at minimum score of 61 or
- IELTS : at minimum score of 5 or
- CU-TEP : at minimum score of 60 or
- PSU-TEP : at minimum score of 60

1.2 An applicant must be the citizen of Cambodia or Myanmar or Lao PDR

### 2. Required to submit the following documents:

2.1 Statement of purpose of approximate 500 words to describe:

1) Your professional goals

2) Why you are applying to the IMBA program

2.2 Official transcripts (Bachelor's degree)

2.3 One copy of passport

2.4 Two of 1-inch photographs

2.5 Two letters of recommendation from previous professors and/or current employers

2.6 Research proposal 3-5 pages

### 3. Terms

3.1 An applicant must select the study plan A2 (Track: Coursework and Dissertation).

3.2 The scholar must maintain a good academic standing (GPA $\geq$ 3) and complete his/her study within the given time frame (2 years).

3.3 To fulfill the scholarship requirement, the scholar must publish his/her dissertation in a peer-reviewed international journal indexed in Scopus (a minimum requirement).

University: Prince of Songkla University  
Contact person: Asst.Prof.Dr. Jutamanee Trakulmutta  
Tel: +66-7428-7848 Fax: +22-7428-7810  
E-mail: jutamanee.trakul@gmail.com

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Public Administration Program	Master of Public Administration	✓ Laos	<ol style="list-style-type: none"> <li>Bachelor's degree in any field (at least 3.00 GPA in the certificate)</li> <li>Language requirements - TOEFL: Paper Based score of 500 or Computer Based score of 173 or Internet Based score of 61 or Institutional Testing Program score of 520 or - IELTS: Score of 5 (the results must normally have been issued within two years prior to the start of your course)</li> <li>A person who can communicate in Thai (reading, writing, speaking, and listening)</li> <li>Computer literacy in Microsoft Office</li> <li>Have an experience in research and sufficient knowledge in research methodology</li> </ol>	Asst.Prof.Dr. Jutamanee Trakulmutta Director of Master of Public Administration Program Tel: +66-7428-7848 Fax: +66-7428-7810 E-mail: jutamanee.trakul@gmail.com
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ August - December 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
<ol style="list-style-type: none"> <li>Be an international student with full time enrolment</li> <li>Be a student in Thesis plan (plan A, not Minor thesis in plan B) and publish thesis in English or Thai</li> <li>The topic must be addressed in field of Public Administration</li> <li>Publish a journal (concerned with the thesis) in ISI or Scopus indexed journals</li> </ol>				Allowance: 10,000 THB/month Travel expense: Not over 12,000 THB (round trip) Insurance: 3,000 THB/year Textbooks: 4,000 THB/year Tuition Fee: 108,000 THB (for 4 semesters)	
<b>Course information</b>					
<a href="http://www.grad.psu.ac.th">http://www.grad.psu.ac.th</a>					



University: Thammasat University  
Contact person: Ms. Narisa Klieothong  
Tel: +66-2613-2480 Fax: +66-2224-9428  
E-mail: narisa@econ.tu.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Economics Program (International Program)	Master of Economics	<ul style="list-style-type: none"> <li>✓ Cambodia</li> <li>✓ Laos</li> <li>✓ Myanmar</li> </ul>	<p>1. Applicants must have completed a Bachelor's degree or the equivalent from a recognized international institution</p> <p>2. Applicants are required to submit the following documents:</p> <ul style="list-style-type: none"> <li>• 1 health certificate from a government hospital</li> <li>• 1 copy of citizen ID card/passport</li> <li>• 2 letters of recommendation (one letter should be completed by a university faculty member, if applicable)</li> <li>• 1 copy of official transcript - Master's degree (in applicable)</li> <li>• 1 copy of official transcript – Bachelor's degree</li> </ul> <p>For more information, please visit <a href="http://www.grad.econ.tu.ac.th/eng/foreign_applicant.php">http://www.grad.econ.tu.ac.th/eng/foreign_applicant.php</a></p>	<p>Ms. Narisa Klieothong International Affairs Coordinator Tel: +66-2613-2480 Fax: +66-2224-9428 E-mail: narisa@econ.tu.ac.th</p>
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ August - December (*registration starts from Jan-Feb 2019) <input type="checkbox"/> semester 2/ January- June					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
<p>The scholarship holder shall have the right to receive the scholarship for a period of time no greater than the period of education as specified in the designated curriculum (2 years). The scholarship holder who fails to complete the degree agrees to return the entire amount he/she received under the scholarship scheme to the Faculty within 30 days of the end date.</p>				<p>Allowance: 13,000 THB/month (maximum 24 months)            Travel expense: At cost            Insurance: 110 THB/year            Textbooks: 4,000 THB/year            Tuition Fee: At cost</p>	
<b>Course information</b>					
<p>1. <a href="http://www.grad.econ.tu.ac.th/eng/curriculum.php">www.grad.econ.tu.ac.th/eng/curriculum.php</a>            2. <a href="http://www.grad.econ.tu.ac.th/eng/course_des.php">www.grad.econ.tu.ac.th/eng/course_des.php</a></p>					

## Health and welfare

University: Mae Fah Luang University  
 Contact person: Mrs. Jindaporn Promthada  
 Tel: +66-5391-6090 Fax: -  
 E-mail: jindaporn.tam@mfu.ac.th

**Detail information of the scholarships offered by university**

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Science Programme in Public Health	Master of Science (Public Health)	<input checked="" type="checkbox"/> Cambodia <input checked="" type="checkbox"/> Laos <input checked="" type="checkbox"/> Myanmar	<a href="http://web2.mfu.ac.th/division/inter/?page_id=265">http://web2.mfu.ac.th/division/inter/?page_id=265</a>	Dr. Wipob Suttana Lecturer, School of Public Health Tel: +66-5391-6914 Fax: - E-mail: wipob.sut@mfu.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1 <input type="checkbox"/> semester 2 *Programme starts from August 2019-August 2021					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
As attached				Allowance: 8,000 THB/month Travel expense: Round trip airfare (Economy class) Insurance: At cost Textbooks: 4,000 THB/year Tuition Fee: At cost	
<b>Course information</b>					
<a href="http://web2.mfu.ac.th/division/inter/?page_id=265">http://web2.mfu.ac.th/division/inter/?page_id=265</a>					

University: Prince of Songkhla University  
Contact person: Ms. Anyawadee Limwachirachote  
Tel: +66-7445-1165 Fax: +66-7411-3860  
E-mail: anyawadee@hotmail.com

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Doctor of Philosophy Program in Epidemiology	Doctor of Philosophy (Epidemiology)	✓ Myanmar	As attached	Ms. Anyawadee Limwachirachote International Affairs staff Tel: +66-7445-1169 Fax: +66-7411-3860 E-mail: anyawadee@hotmail.com
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ 1 August - 15 December 2019 <input type="checkbox"/> semester 2/ 7 January- 31 July 2020					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
				Allowance: 8,000 THB/month Travel expense: At cost but not exceed 15,000 THB Insurance: 2,000-3,000 THB (depends on the insurance options) Textbooks: 4,000 THB/year Tuition Fee: At cost	
<b>Course information</b>					
As attached					

หน่วยระบาดวิทยา  
Epidemiology Unit

## Admission requirements for Doctor of Philosophy (Epidemiology)

### Main qualification eligibility criteria for Prospective students

1. Candidates should have shown high academic record or shown their research potential as evidenced by one of these:

- success in producing a good M.Sc. thesis
- publication in an indexed journal at least one paper

2. Candidates should have good knowledge of Research Methodology, Epidemiology, Biostatistics and Computing, as evidenced by passing the testing examination organized by the Epidemiology Unit.

3. Candidates should be physically and psychologically fit as evidenced by having a medical certificate from authorized hospital in the home country.

4. Aged  $\leq 40$  years on 1<sup>st</sup> August at enrollment

5. Completed a Master degree in a health profession such as medicine, public health, nursing or other related field.

6. At least one-year of working experience in health services is preferred.

7. Previous work experience

8. Good CV and study result

9. Recommendation letter

10. Candidates should have a good command of English essential for carrying out research and publication. as evidenced by one of these:

Testing institute	Master's Degree (International Program) and Ph.D. Level
PSU-TEP	An average of at least 60% in Reading and Structure, Listening and Writing
CU-TEP	At least 60 score in Reading , Listening and Writing
TOEFL (Paper Based)	Score of 500
TOEFL (Institutional Testing program)	Score of 520
TOEFL Computer Based)	Score of 173
TOEFL (Internet Based)	Score of 61
IELTS	Score of 5

### **Arrangement of the Doctoral curriculum**

The curriculum is divided into 3 sections.

#### **Section I**

aims to have the candidate catch up as necessary in Research Methodology and related subjects as well as develop a research proposal suitable for the Doctoral thesis. At the end of this Section, the candidate will have to pass the Qualifying Examination and Examination of the Proposal to demonstrate that he/she is ready to carry out the practical part of the research. The length of this section depends upon the background and the capability of the candidate. A minimum of one semester working on the campus is mandatory. Additional time may be needed for candidates who need more course work on Research Methodology and related subjects.

#### **Section II**

is the data collection phase. The candidate will work under the supervision of the advisor. The research project can be one project with significant magnitude of research content for the Doctoral Degree or can be a series of related projects. In the latter case, the candidate can publish the results along with other on-going data collection. This Section may take an average period of 18 months or 3 semesters.

#### **Section III**

is the final period when the candidate must write up the thesis for the Thesis Examination. In addition, he/she needs to prepare for the Comprehensive Examination to verify that he/she has both broad and profound knowledge in his/her research area. This section will take an average of 2 semesters.

The students will be able to:

- Valuing holistic multidisciplinary approach in health problem solving
- Critical thinking, truth seeking and value questioning
- Ability to apply the principles and concept of epidemiology in health research and implementation
- Capacity to appropriately generate and turn data into implications through statistical analysis
- Prioritizing the health problems considering health impact and policy-relevant recommendations

Programme Learning Outcomes	Courses
1. To conduct morally and ethically sound research	<ul style="list-style-type: none"> <li>• Prioritizing the health problems considering health impact and policy-relevant recommendations</li> </ul> Epidemiology I & II, Research methodology, Statistics II, Field work, Computer and data management, Qualitative, Thesis
2. To demonstrate the fluent skills to conduct a literature search using information technology and summarize the results effectively	Journal appraisal, Research methodology, Field work, Qualitative research, Thesis
3. To appropriately and critically interpret the results of statistical analyses	Epidemiology II, Statistics I & II, Journal appraisal, Field work, Thesis
4. To demonstrate mastery of principles of epidemiology and statistics in relation to health research	Epidemiology I & II, Statistics II, Research

Programme Learning Outcomes	Courses
	methodology, Field work, Thesis
5. To criticize evidence for public health policies and medical practice based on sound logic and epidemiological principles	Epidemiology I & II, Statistics II, Journal appraisal, Thesis
6. To manage and analyze existing data and those collected in one's own research work and present the results in academic fashion	Statistics II, Computer and database management, Field work, Thesis
7. To conduct community-based, community-oriented, community-participating field research	Epidemiology II, Field work, Qualitative research
8. To demonstrate articulation in scientific presentation and writing	Statistics II, Journal appraisal, Qualitative research, Field work, Thesis
9. To produce research output with originality and substantial new knowledge, which takes into account various stakeholders' perspectives and passes various stages of peer review, leading to policy-relevant recommendations	Research methodology, Thesis



**Course contents For Ph.D. Epidemiology (International Programme)****Quality Assurance of the Doctoral Study**

Doctoral study requires a lot of effort by the candidate, the supervisor and the organizer of the curriculum as well as financial support. Quality assurance to guarantee achievement needs to be strict. This process is substantiated by the following strategy.

**1. Selection of candidate**

Doctoral study aims for excellency. Candidates selected must show evidence of their academic potential as written in the prerequisite.

**2. Testing period**

The first section of the curriculum is an important period for testing the candidate. This includes the Qualifying Examination and the Proposal Examination. If he/she is found unsuitable, then further attempt which tend to be unsuccessful can be avoided.

**3. Monitoring of progress**

The student must maintain close contact with the supervisor. Each of them must write a separate independent 6-monthly report for submission to the Graduate Committee, who will give specific advice on the continuation status.

**4. Quality of thesis**

Publication in an indexed journal is an important benchmark for a research career. Publication of parts of the thesis demonstrates its scientific merit. A thesis no part of which has been published must include a manuscript which is ready to be sent for publication. This manuscript will be judged by the examiner.

**5. Examiners**

External examiners are invited to participate in the examination of the proposal, the thesis and in the comprehensive examination to ensure that the learning results are reviewed by experts from other institutes.

**6. Manuscript requirement**

Candidates should publish at least one manuscript for the thesis.

**ACADEMIC CALENDAR**

<b>Month</b>	<b>Activities</b>	
	<b>1<sup>st</sup> year participants</b>	<b>Other participants</b>
July	On-line registration for the 1st semester assisted by the program assistant	
August	The beginning of semester 1	
	Research Methodology	
	Epidemiology I	
	Statistical Computing I	
	Journal Club	
October	Planning for field study and preparation of field work.	
October	Implementation of field study in Trang	
December	First semester examinations	
December	On-line registration for the 2nd semester assisted by the program assistant	
January	The beginning of Semester 2:	
	Research Methodology	
	Epidemiology II	
February	Statistical Computing II	
March	Qualitative Research Methods	
March	Epidemiology Unit annual research conference	
April	Submit proposal	

**Note: The Thesis and the Comprehensive Examinations for Ph.D. students may be held at any time of the year.**

University: Prince of Songkhla University  
Contact person: Assoc. Prof. Prisana Pripatnanont  
Tel: +66-7442-9876 Fax: +66-7442-9876  
E-mail: prisana.p@psu.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Science Program in Oral and Maxillofacial Surgery	Master of Science (Oral and Maxillofacial Surgery)	<input checked="" type="checkbox"/> Cambodia <input checked="" type="checkbox"/> Laos <input checked="" type="checkbox"/> Myanmar	1. Bachelor's degree in Dentistry or Medicine 2. Other eligible qualification will be under consideration of the Program committee	Assoc. Prof. Prisana Pripatnanont Chairperson of the Program Committee Tel: +66-7442-9876 Fax: +66-7442-9876 E-mail: prisana.p@psu.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ August - December 2019 <input type="checkbox"/> semester 2/ January- May 2020					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
1. M.Sc. in 2 years course 2. English proficiency certificate (valid within 2 years) with a minimum follows: - TOEFL: Paper Based and Institutional Testing Program score of 450 or Computer Based 133 or Internet Based score of 33 - IELTS: score of 4.5 3. Thai conversation: communicate in daily life				Allowance: 10,000 THB/month Travel expense: At cost Tuition Fee: 74,000 THB/semester (74,000x4 = 296,000 THB) Visa: 2,900 THB Miscellaneous expenses: 4,000 THB/year	
<b>Course information</b>					
<a href="http://www.dent.psu.ac.th/unit/surgery/index.php/about-us/management.html">http://www.dent.psu.ac.th/unit/surgery/index.php/about-us/management.html</a>					

University: Silpakorn University  
Contact person: Dr. Waranee Bunchuailua  
Tel: +66-3425-5800 Fax: +66-3425-5801  
E-mail: bunchuailua\_w@su.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	1. Pharmaceutical Technology 2. Pharmaceutical Sciences 3. Pharmaceutical Engineering	1. Doctor of Philosophy (Pharmaceutical Technology) 2. Doctor of Philosophy (Pharmaceutical Sciences) 3. Doctor of Philosophy (Pharmaceutical Engineering)	✓ Myanmar	As attached	Miss Nipattha Chamras Academic Officer Tel: +668-9918-5850, +668-9918-5028 Fax: +66-3425-5801 E-mail: chamras_c@su.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ to be announced <input checked="" type="checkbox"/> semester 2/ to be announced					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
-				Allowance: At least 8,000 THB/month Travel expense: At cost Insurance: At cost Textbooks: At least 4,000 THB/year Tuition Fee: At cost	
<b>Course information</b>					
As attached					

**Doctor of Philosophy Program in Pharmaceutical Technology  
(International Program / Revised Program 2018)**

**Name of the Program**

<b>Thai</b>	หลักสูตรปรัชญาดุษฎีบัณฑิต สาขาวิชาเทคโนโลยีเภสัชกรรม (หลักสูตรนานาชาติ)
<b>English</b>	Doctor of Philosophy Program in Pharmaceutical Technology (International Program)

**Philosophy and Objectives of the Program**

**1.1 Philosophy**

The Doctor of Philosophy Program in Pharmaceutical Technology at The University of Silpakorn equips graduates with excellency in the field of pharmaceutical technology through laboratory experiences and an in-depth specific research project (thesis). Upon completion of the program, graduates are expected to integrate practical and theoretical knowledge into tackling existing research problems within the field of pharmaceutical technology and potentially develop novel methods to overcome those issues. Graduates should be able to convey their findings and discoveries at national and international levels and emerge as a life-long learner in order to meet challenges of a dynamic advancement of pharmaceutical technology. In addition, graduates are expected to be able to work among diverse cultures as well.

**1.2 Objectives**

1.2.1 To produce Ph.D. graduates with ethics and morality, imbued with responsible leadership in advanced pharmaceutical technology who can demonstrate the capability to acquire new knowledge independently, as well as skills in advance research innovation for pharmaceutical technology. In addition, graduates are expected to be able to work among diverse cultures as well.

1.2.2 To create new knowledge, theory, or novelties in pharmaceutical technology that will support sustainable domestic and also international industries.

1.2.3 To encourage research collaboration in pharmaceutical sciences with existing allied university in foreign countries and other leading universities in foreign countries.

**2. Qualifications of Prospective Students**

2.1 Requirements of a study plan as the followings:

2.1.1 Graduates of a Bachelor degree in pharmacy, health sciences or sciences and technology or related fields with a “very good” level of GPA or

2.1.2 Graduates of a Master degree in pharmacy, or other related fields of study with a “very good” level of GPA

2.2 English examination result according to the committee of Higher Education council or to the announcement of Silpakorn University as of standard English proficiency test for the admission of doctorate study

2.3 Accordance with Silpakorn University’s 2007 Regulations on Graduate Study and/or later revision (see Appendix A) and/or updated amendment.

Other qualifications may also apply as reviewed by Committee of Faculty of Pharmacy.

### 3. Curriculum Structure

#### 3.1 Type 1.1

Core courses (non-credit)	4	credits
Thesis (equivalent to)	48	credits
Total credits for the program	48	credits

#### 3.2 Type 1.2

Core courses (non-credit)	7	credits
Preparatory Courses (non-credit)	6	credits
Thesis (equivalent to)	72	credits
Total credits for the program	72	credits

#### 3.3 Type 2.1

Core courses	4	credits
Elective courses not less than	8	credits
Thesis (equivalent to)	36	credits
Minimum credits earned from the entire program	48	credits

#### 3.4 Type 2.2

Core courses	13	credits
Elective courses not less than	11	credits
Thesis (equivalent to)	48	credits
Minimum credits earned from the entire program	72	credits

#### 4. Course List

##### 4.1 Type 1.1

There are 48 credits for thesis and 4 additional, non-credit courses that will be assessed as S/U as follows;

##### Core Courses

551 671	Seminar in Pharmaceutical Technology I	1*(0-3-0)
551 672	Seminar in Pharmaceutical Technology II	1*(0-3-0)
551 673	Seminar in Pharmaceutical Technology III	1*(0-3-0)
551 674	Seminar in Pharmaceutical Technology IV	1*(0-3-0)

##### Thesis

550 908	Thesis (equivalent to)	48 credits
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##### 4.2 Type 1.2

There are 72 credits for thesis. Students are required to study core courses and/or 7 additional, non-credit courses that will be assessed as S/U as follows;

##### Core Courses

550 534	Research Methodology in Pharmaceutical Technology	3*(3-0-6)
551 671	Seminar in Pharmaceutical Technology I	1*(0-3-0)
551 672	Seminar in Pharmaceutical Technology II	1*(0-3-0)
551 673	Seminar in Pharmaceutical Technology III	1*(0-3-0)
551 674	Seminar in Pharmaceutical Technology IV	1*(0-3-0)

##### Preparatory Courses

551 702	Equipments in Pharmaceutical Technology	3*(2-3-4)
551 747	Theoretical Aspects of Pharmaceutical Technology	3*(3-0-6)

Remark \* refers to non-credit courses

##### Thesis

550 909	Thesis (equivalent to)	72 credits
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##### 4.3 Type 2.1

Course work is not less than 12 credits and 36 credits of thesis as follows;

**Core Courses**

551 671	Seminar in Pharmaceutical Technology I	1(0-3-0)
551 672	Seminar in Pharmaceutical Technology II	1(0-3-0)
551 673	Seminar in Pharmaceutical Technology III	1(0-3-0)
551 674	Seminar in Pharmaceutical Technology IV	1(0-3-0)

**Elective Courses** 8 credits minimum from the following subjects

550 553	Current Topics in Pharmaceutical Technology	2(2-0-4)
551 702	Equipments in Pharmaceutical Technology	3(2-3-4)
551 705	Polymers in Pharmaceutical Sciences	3(3-0-6)
551 714	Advanced Pharmaceutical Technology I	3(2-3-4)
551 715	Advanced Pharmaceutical Technology II	3(2-3-4)
551 716	Biomaterials in Drug Delivery System	3(3-0-6)
551 719	Progress in Cosmetic Sciences and Technology	3(2-3-4)
551 729	Design and Development of Pharmaceutical Manufacturing Process	3(2-3-4)
551 747	Theoretical Aspects of Pharmaceutical Technology	3(3-0-6)
551 748	Materials for Pharmaceutical Packaging	3(3-0-6)

**Thesis**

550 907	Thesis (equivalent to)	36 credits
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**4.4 Type 2.2**

Course work is not less than 24 credits and 48 credits of thesis as follows;

**Core Courses**

550 534	Research Methodology in Pharmaceutical Technology	3(3-0-6)
551 671	Seminar in Pharmaceutical Technology I	1(0-3-0)
551 672	Seminar in Pharmaceutical Technology II	1(0-3-0)
551 673	Seminar in Pharmaceutical Technology III	1(0-3-0)
551 674	Seminar in Pharmaceutical Technology IV	1(0-3-0)
551 702	Equipments in Pharmaceutical Technology	3(2-3-4)
551 747	Theoretical Aspects of Pharmaceutical Technology	3(3-0-6)

**Elective Courses** 11 credits minimum from the following subjects



550 553	Current Topics in Pharmaceutical Technology	2(2-0-4)
551 705	Polymers in Pharmaceutical Sciences	3(3-0-6)
551 714	Advanced Pharmaceutical Technology I	3(2-3-4)
551 715	Advanced Pharmaceutical Technology II	3(2-3-4)
551 716	Biomaterials in Drug Delivery System	3(3-0-6)
551 719	Progress in Cosmetic Sciences and Technology	3(2-3-4)
551 729	Design and Development of Pharmaceutical Manufacturing Process	3(2-3-4)
551 748	Materials for Pharmaceutical Packaging	3(3-0-6)
<b>Thesis</b>		
550 908	Thesis (equivalent to)	48 credits

## 5. การจัดการเรียนการสอน

จัดการเรียนการสอนในวัน-เวลาราชการ

## 6. Type of programme

### 1 Type

1.1 Type 1.1 and Type 2.1 Curriculum

Regular period of study = 3 years

Maximum period of study = 6 years

1.2 Type 1.2 and Type 2.2 Curriculum

Regular period of study = 4 years

Maximum period of study = 8 years

## 7. Study Venue

Faculty of Pharmacy, Silpakorn University, Sanam Chandra Palace Campus,  
Nakhon Pathom 73000

## 8. Job Opportunities for the Graduates

8.1 Researcher in pharmaceutical technology

8.2 Academic in pharmaceutical technology

8.3 Consultant in pharmaceutical technology for government and private sectors

8.4 Lecturer of pharmaceutical technology for graduate study in public and private university

8.5 Self employed business

**For further information, please contact :**

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[http://www.twitter.com/graduate\\_su](http://www.twitter.com/graduate_su)

<http://www.facebook.com/graduatesu>

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**Faculty of Pharmacy, Silpakorn University,**

**Sanam Chandra Palace Campus.**

No.6 RajamankhaNai Road, PhraPathom Chedi, Muang, Nakorn Pathom 73000

Tel 0-3425-5800, 0-3425-3910-7

Fax 0-3425-5801

## Doctor of Philosophy Program in Pharmaceutical Sciences

(International Program / Revised Program 2018)

### Name of the Program

Thai	หลักสูตรปรัชญาดุษฎีบัณฑิต สาขาวิชาวิทยาการทางเภสัชศาสตร์ (หลักสูตรนานาชาติ)
English	Doctor of Philosophy Program in Pharmaceutical Sciences (International Program)

## 1. Philosophy and Objectives of the Program

### 1.1 Philosophy

The Doctor of Philosophy Program in Pharmaceutical Sciences is designed to produce scholars and researchers with a high level of competence in the field of pharmaceutical sciences and to prepare graduate students who can perform independent research with practical skills through experience in the laboratory and thesis. Students are trained to demonstrate creativity and ability in applying knowledge and technology from interdisciplinary fields of pharmaceutical sciences, and to also create new body of knowledge from integrating these interdisciplinary subjects. The program prepares pharmaceutical scientists for careers in academia, business and industrial settings, as well as international community and public sectors.

### 1.2 Objectives

1.2.1 To produce Ph.D. graduates imbued with responsible leadership in pharmaceutical sciences and to produce qualified professionals who can advance science and medical technology in pharmaceutical sciences according to the Science of the King for sustainable development of public health in Thailand.

1.2.2 To produce researchers who demonstrate the capability to acquire new knowledge or theory in pharmaceutical sciences independently, as well as competitive skills in advance research that will support sustainable both domestic, and international pharmaceutical industries.

## 2. Qualifications of Applicants

2.1 Requirements of a study plan as the followings:

(1) Plan 1.1 and 2.1

- Holder of a Master degree in pharmacy, science, or other related fields of study

(2) Plan 1.2 and 2.2

- Holder of a Bachelor degree in pharmacy or related fields with a minimum GPA of 3.50 (or equivalent) on a 4.00 scale

2.2 English examination result according to the committee of Higher Education council or to the announcement of Silpakorn University as of standard English proficiency test for the admission of doctorate study (Appendix A)

2.3 Accordance with Silpakorn University's 2007 Regulations on Graduate Study and/or later revision (see Appendix A) and/or updated amendment.

2.4 Other qualifications may also apply as reviewed by authorized committee of the Faculty of Pharmacy based on work or research experience.

### 3. Curriculum Structure

#### 3.1 Plan 1.1

Core courses (non-credit)	4	credits
Thesis (equivalent to)	48	credits
Total credits for the program	48	credits

#### 3.2 Plan 1.2

Core courses (non-credit)	7	credits
Thesis (equivalent to)	72	credits
Total credits for the program	72	credits

#### 3.3 Plan 2.1

Core courses	4	credits
Elective courses not less than	8	credits
Thesis (equivalent to)	36	credits
Minimum credits earned from the entire program	48	credits

#### 3.4 Plan 2.2

Core courses	7	credits
Elective courses not less than	17	credits
Thesis (equivalent to)	48	credits
Minimum credits earned from the entire program	72	credits

### 4. Course List

#### 4.1 Plan 1.1

Core Courses (non-credit) 4 credits

551 641	Seminar in Pharmaceutical Sciences I	1* (0-3-0)
551 642	Seminar in Pharmaceutical Sciences II	1* (0-3-0)
551 643	Seminar in Pharmaceutical Sciences III	1* (0-3-0)
551 644	Seminar in Pharmaceutical Sciences IV	1* (0-3-0)

**Thesis** (equivalent to) 48 credits

550 905	Thesis	equivalent to 48 credits
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#### 4.2 Plan 1.2

**Core Courses** (non-credit) 7 credits

551 531	Advanced Research Methodology in Pharmaceutical Sciences	3* (3-0-6)
551 641	Seminar in Pharmaceutical Sciences I	1* (0-3-0)
551 642	Seminar in Pharmaceutical Sciences II	1* (0-3-0)
551 643	Seminar in Pharmaceutical Sciences III	1* (0-3-0)
551 644	Seminar in Pharmaceutical Sciences IV	1* (0-3-0)

**Thesis** (equivalent to) 72 credits

550 906	Thesis	equivalent to 72 credits
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#### 4.3 Plan 2.1

**Core Courses** 4 credits

551 641	Seminar in Pharmaceutical Sciences I	1(0-3-0)
551 642	Seminar in Pharmaceutical Sciences II	1(0-3-0)
551 643	Seminar in Pharmaceutical Sciences III	1(0-3-0)
551 644	Seminar in Pharmaceutical Sciences IV	1(0-3-0)

**Elective Courses** 8 credits minimum, Choose from one of or any specialty subject(s) below

##### Biopharmacy Subjects

561 401	Advanced Cellular and Molecular Biology	3(3-0-6)
561 403	Instrumentation in Molecular Biology	1(1-0-2)
561 502	Advanced Human Physiology	3(3-0-6)
561 503	Cellular and Molecular Biotechnology for Biopharmaceuticals Development	2(2-0-4)
561 505	Applied Microbiology	2(2-0-4)
561 506	Applied Immunology	2(2-0-4)

Remark \* non-credit courses, assessed as S/U

561 507	Molecular Virology	2(2-0-4)
561 531	Special Problems in Pharmaceutical Sciences I	2(1-3-2)
561 532	Special Problems in Pharmaceutical Sciences II	1(0-3-0)
561 533	Cellular and Molecular Biotechnology Laboratory	1(0-3-0)
561 534	Cellular and Molecular Bacteriology	2(1-3-2)
561 535	Applied Microbiology Laboratory	1(0-3-0)
561 601	Signal Transduction	2(2-0-4)
561 602	Biological Assay	2(2-0-4)
561 603	Advanced Application of Drug Biotransformation	3(3-0-6)
561 604	Advanced Cellular and Molecular Bacteriology	1(1-0-2)
561 605	Current Topics in Advanced Biopharmaceutical Sciences	1(1-0-2)
561 606	Advanced Immunology	3(3-0-6)
561 631	Bioinformatics in Pharmaceutical Sciences	3(2-3-4)
561 632	Biological Assay Laboratory	1(0-3-0)

#### Pharmaceutical Chemistry Subjects

564 501	Advanced Instrumental Method of Analysis	4(2-6-4)
564 502	Advanced Organic Pharmaceutical Chemistry	3(3-0-6)
564 503	Structure Elucidation of Organic Compounds	3(3-0-6)
564 504	Advanced Drugs Design	3(3-0-6)
564 505	Special Problems in Advanced Pharmaceutical Chemistry	3(1-6-2)
564 506	Current Topics in Pharmaceutical Chemistry	2(2-0-4)
564 601	Pharmaceutical Synthesis	3(2-3-4)

#### Pharmacology and Toxicology Subjects

565 603	Systemic Pharmacology	4(4-0-8)
565 604	Advanced Pharmacology	4(4-0-8)
565 605	Advanced Toxicology	3(3-0-6)
565 702	Research Methods in Pharmacology and Toxicology	2(1-3-2)
565 703	Receptor Pharmacology and Signal Transduction	3(3-0-6)
565 706	Principle and Applications of Toxicology	2(2-0-4)
565 802	Current Topics in Pharmacology and Toxicology	2(2-0-4)
565 803	Special Problems in Pharmacology and Toxicology	2(0-6-0)
565 804	Genetic Technology and Gene Therapy	3(2-3-4)

### Herbal Science and Natural Products Subjects

551 604	Development of Pharmaceutical Products from Medicinal Plants	3(2-3-4)
551 607	Natural Bioactive Compounds	3(2-3-4)
551 610	Community Pharmacognosy	3(2-3-4)
566 401	Medical Herbs	3(2-3-4)
566 501	Chemistry of Natural Products	4(3-3-6)
566 502	Separation Techniques for Medicinal Plants	3(2-3-4)
566 503	Advanced Research in Natural Products	3(2-3-4)
566 712	Analysis of Natural Products	3(2-3-4)
566 732	Biotechnology for Medicinal Plants Research	3(2-3-4)

**Thesis** (equivalent to) 36 credits

550 904	Thesis	equivalent to 36 credits
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#### **4.4 Plan 2.2**

**Core Courses** 7 credits

551 531	Advanced Research Methodology in Pharmaceutical Sciences	3(3-0-6)
551 641	Seminar in Pharmaceutical Sciences I	1(0-3-0)
551 642	Seminar in Pharmaceutical Sciences II	1(0-3-0)
551 643	Seminar in Pharmaceutical Sciences III	1(0-3-0)
551 644	Seminar in Pharmaceutical Sciences IV	1(0-3-0)

**Elective Courses** 17 credits minimum, Choose from one of or any specialty subject(s) below

#### Biopharmacy Subjects

561 401	Advanced Cellular and Molecular Biology	3(3-0-6)
561 403	Instrumentation in Molecular Biology	1(1-0-2)
561 502	Advanced Human Physiology	3(3-0-6)
561 503	Cellular and Molecular Biotechnology for Biopharmaceuticals Development	2(2-0-4)
561 505	Applied Microbiology	2(2-0-4)
561 506	Applied Immunology	2(2-0-4)
561 507	Molecular Virology	2(2-0-4)
561 531	Special Problems in Pharmaceutical Sciences I	2(1-3-2)
561 532	Special Problems in Pharmaceutical Sciences II	1(0-3-0)

561 533	Cellular and Molecular Biotechnology Laboratory	1(0-3-0)
561 534	Cellular and Molecular Bacteriology	2(1-3-2)
561 535	Applied Microbiology Laboratory	1(0-3-0)
561 601	Signal Transduction	2(2-0-4)
561 602	Biological Assay	2(2-0-4)
561 603	Advanced Application of Drug Biotransformation	3(3-0-6)
561 604	Advanced Cellular and Molecular Bacteriology	1(1-0-2)
561 605	Current Topics in Advanced Biopharmaceutical Sciences	1(1-0-2)
561 606	Advanced Immunology	3(3-0-6)
561 631	Bioinformatics in Pharmaceutical Sciences	3(2-3-4)
561 632	Biological Assay Laboratory	1(0-3-0)

#### **Pharmaceutical Chemistry Subjects**

564 501	Advanced Instrumental Method of Analysis	4(2-6-4)
564 502	Advanced Organic Pharmaceutical Chemistry	3(3-0-6)
564 503	Structure Elucidation of Organic Compounds	3(3-0-6)
564 504	Advanced Drugs Design	3(3-0-6)
564 505	Special Problems in Advanced Pharmaceutical Chemistry	3(1-6-2)
564 506	Current Topics in Pharmaceutical Chemistry	2(2-0-4)
564 601	Pharmaceutical Synthesis	3(2-3-4)

#### **Pharmacology and Toxicology Subjects**

565 603	Systemic Pharmacology	4(4-0-8)
565 604	Advanced Pharmacology	4(4-0-8)
565 605	Advanced Toxicology	3(3-0-6)
565 702	Research Methods in Pharmacology and Toxicology	2(1-3-2)
565 703	Receptor Pharmacology and Signal Transduction	3(3-0-6)
565 706	Principle and Applications of Toxicology	2(2-0-4)
565 802	Current Topics in Pharmacology and Toxicology	2(2-0-4)
565 803	Special Problems in Pharmacology and Toxicology	2(0-6-0)
565 804	Genetic Technology and Gene Therapy	3(2-3-4)

#### **Herbal Science and Natural Products Subjects**

551 604	Development of Pharmaceutical Products from Medicinal Plants	3(2-3-4)
551 607	Natural Bioactive Compounds	3(2-3-4)



551 610	Community Pharmacognosy	3(2-3-4)
566 401	Medical Herbs	3(2-3-4)
566 501	Chemistry of Natural Products	4(3-3-6)
566 502	Separation Techniques for Medicinal Plants	3(2-3-4)
566 503	Advanced Research in Natural Products	3(2-3-4)
566 712	Analysis of Natural Products	3(2-3-4)
566 732	Biotechnology for Medicinal Plants Research	3(2-3-4)

**Thesis** (equivalent to) 48 credits

550 905 Thesis equivalent to 48 credits

## 5. การจัดการเรียนการสอน

จัดการเรียนการสอนในวัน-เวลาราชการ

## 6. Curriculum model

Doctor of Philosophy

3-year program for Plan 1.1 and Plan 2.1

5-year program for Plan 1.2 and Plan 2.2

## 7. Study Venue

Faculty of Pharmacy, Silpakorn University, Sanam Chandra Palace Campus, Nakhon Pathom 73000

## 8. Job Opportunities for the Graduates

8.1 Researcher in pharmaceutical production, analytical and quality control laboratory

8.2 Academic in pharmaceutical sciences

8.3 Consultant in pharmaceutical sciences

8.4 Lecturer in postgraduate study in public and private university

8.5 Self employed business

**For further information, please contact :**

**Bangkok:**

Graduate School, Silpakorn University

2nd floor office of president building,

22 Boromaratchonnani Rd., Talingchun, Bangkok 10170

Tel. +66 (0) 2849 7502 - 3

Fax. +66 (0) 2849 7503

**Nakhon Pathom:**

Graduate School, Silpakorn University

7th floor, 50th year Building,

Sanamchandra Palaces Campus, Nakhon Pathom 73000

Tel. +66 (0) 3421 8788 - 91

Fax. +66 (0) 3424 3435

**Website:** <http://www.graduate.su.ac.th>

[http://www.twitter.com/graduate\\_su](http://www.twitter.com/graduate_su)

<http://www.facebook.com/graduatesu>

**E-mail:** [grad\\_sch@su.ac.th](mailto:grad_sch@su.ac.th)

**Faculty of Pharmacy, Silpakorn University,**

**Sanam Chandra Palace Campus.**

No.6 RajamankhaNai Road, PhraPathom Chedi, Muang, Nakorn Pathom 73000

Tel 0-3425-5800, 0-3425-3910-7

Fax 0-3425-5801

**Doctor of Philosophy Program in Pharmaceutical Engineering  
(International Program / Revised Program 2018)**

**Name of the Program**

<b>Thai</b>	หลักสูตรปรัชญาดุษฎีบัณฑิต สาขาวิชาวิศวกรรมเภสัชกรรม (หลักสูตรนานาชาติ)
<b>English</b>	Doctor of Philosophy Program in Pharmaceutical Engineering (International Program)

**1. Philosophy and Objectives of the Program**

**1.1 Philosophy**

To produce graduates with creativity and ability to apply knowledge and technology from interdisciplinary fields of pharmaceutical technology and engineering, and also create new body of knowledge from integrating these interdisciplinary subjects.

**1.2 Objectives**

1.2.1 To produce professionals who can advance research in pharmaceutical engineering, and bring about self developments in discipline, moral, and code of conduct.

1.2.2 To create new knowledge, theory, technology based on interdisciplinary integration that will support sustainable domestic industries, and also international industries

**2. Qualifications of Applicants**

2.1 Graduates of a Bachelor degree in pharmacy, health sciences, sciences, or engineering program with a “very good” level of GPA

2.2 Graduates of a Master degree in pharmacy, health sciences, sciences, or engineering program with a “very good” or “good” level of GPA

2.3 English examination result according to the committee of Higher Education council or to the announcement of Silpakorn University as of standard English proficiency test for the admission of doctorate study

2.4 Accordance with Silpakorn University’s 2007 Regulations on Graduate Study and/or later revision (see Appendix A) and/or updated amendment

2.5 Graduates of a Bachelor or Master degree in pharmacy, health sciences, sciences, or engineering program with qualifications as required by Royal Golden Jubilee Ph.D. Program.

2.6 Other qualifications may also apply as reviewed by Committee of Faculty of Pharmacy

### 3. Curriculum Structure

#### 3.1 Type 1.1

Core courses (non-credit)	7	credits
Thesis (equivalent to)	48	credits
Credits earned from entire program	48	credits

#### 3.2 Type 1.2

Core courses (non-credit)	7	credits
Thesis (equivalent to)	72	credits
Credits earned from entire program	72	credits

#### 3.3 Type 2.1

Core courses	7	credits
Elective courses not less than	5	credits
Thesis (equivalent to)	36	credits
Minimum credits earned from entire program	48	credits

#### 3.4 Type 2.2

Core courses	13	credits
Elective courses not less than	11	credits
Thesis (equivalent to)	48	credits
Minimum credits earned from entire program	72	credits

### 4. Course List

Remedial Courses (Non-credit) 6 credits

Student who did not earn a degree in pharmacy must also need to take remedial courses as suggested by advisor and curriculum committee. However, the credits earned from these courses will not be counted as cumulative credits of the program

551 708	Principles of Pharmaceutical Engineering	3*(3-0-6)
551 742	Basic Theory in Industrial Pharmacy	3*(3-0-6)

**4.1 Type 1.1:** There are 48 credits for thesis and 7 credits for additional non-credit courses that will be assessed as S/U as follows;

**Core Courses (Non-credit) 7 credits**

550 535	Research Methodology in Pharmaceutical Engineering	3*(3-0-6)
551 681	Seminar in Pharmaceutical Engineering I	1*(0-3-0)
551 682	Seminar in Pharmaceutical Engineering II	1*(0-3-0)
551 683	Special Problem in Pharmaceutical Engineering I	1*(0-3-0)
551 684	Special Problem in Pharmaceutical Engineering II	1*(0-3-0)

**Thesis (equivalent to) 48 credits**

550 911	Thesis	equivalent to	48 credits
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Remark \* refers to non-credit courses

**4.2 Type 1.2:** There are 72 credits for thesis and 7 credits for additional non-credit courses that will be assessed as S/U as follows;

**Core Courses (Non-credit) 7 credits**

550 535	Research Methodology in Pharmaceutical Engineering	3*(3-0-6)
551 681	Seminar in Pharmaceutical Engineering I	1*(0-3-0)
551 682	Seminar in Pharmaceutical Engineering II	1*(0-3-0)
551 683	Special Problem in Pharmaceutical Engineering I	1*(0-3-0)
551 684	Special Problem in Pharmaceutical Engineering II	1*(0-3-0)

**Thesis (equivalent to) 72 credits**

550 912	Thesis	equivalent to	72 credits
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**4.3 Type 2.1:** Course work is not less than 12 credits and 36 credits of thesis as follows;

**Core Courses 7 credits**

550 535	Research Methodology in Pharmaceutical Engineering	3(3-0-6)
551 681	Seminar in Pharmaceutical Engineering I	1(0-3-0)
551 682	Seminar in Pharmaceutical Engineering II	1(0-3-0)
551 683	Special Problem in Pharmaceutical Engineering I	1(0-3-0)
551 684	Special Problem in Pharmaceutical Engineering II	1(0-3-0)

**Elective Courses** 5 credits minimum

551 704	Colloidal Sciences and Nanotechnology	3(3-0-6)
551 706	Hygiene and Safety in Pharmaceutical Manufacturing	3(2-3-4)
551 708	Principles of Pharmaceutical Engineering	3(3-0-6)
551 716	Biomaterials in Drug Delivery System	3(2-3-4)
551 726	Pharmaceutical Material Science	2(2-0-4)
551 727	Advanced Pharmaceutical Engineering	3(2-3-4)
551 729	Design and Development of Pharmaceutical Process	3(2-3-4)
551 731	Statistical Modeling and Analysis	2(2-0-4)
551 735	Current Topics in Pharmaceutical Engineering	2(2-0-4)
551 739	Manufacturing Resource Management	4(3-3-6)
551 743	Equipments in Pharmaceutical Technology	3(2-3-4)
551 745	Regulatory Affairs in Industrial Pharmacy	3(3-0-6)
551 746	Sterile Pharmaceutical and Biopharmaceutical Product	2(2-0-4)
551 747	Material Sciences for Pharmaceutical Industry	2 (2-0-4)
551 748	Computer Simulation in Pharmaceutical Engineering	2(2-0-4)

Remark \* refers to non-credit courses

**Thesis (equivalent to)** 36 credits

550 910	Thesis	equivalent to	36 credits
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**4.4 Type 2.2:** Course work is not less than 24 credits and 48 credits of thesis as follows;

**Core Courses** 13 credits

550 535	Research Methodology in Pharmaceutical Engineering	3(3-0-6)
551 681	Seminar in Pharmaceutical Engineering I	1(0-3-0)
551 682	Seminar in Pharmaceutical Engineering II	1(0-3-0)

551 683	Special Problem in Pharmaceutical Engineering I	1(0-3-0)
551 684	Special Problem in Pharmaceutical Engineering II	1(0-3-0)
551 708	Principles of Pharmaceutical Engineering	3(3-0-6)
551 742	Basic Theory in Industrial Pharmacy	3(3-0-6)

**Elective Courses** 11 credits minimum

551 704	Colloidal Sciences and Nanotechnology	3(3-0-6)
551 706	Hygiene and Safety in Pharmaceutical Manufacturing	3(2-3-4)
551 716	Biomaterials in Drug Delivery System	3(2-3-4)
551 726	Pharmaceutical Material Science	2(2-0-4)
551 727	Advanced Pharmaceutical Engineering	3(2-3-4)
551 729	Design and Development of Pharmaceutical Process	3(2-3-4)
551 731	Statistical Modeling and Analysis	2(2-0-4)
551 735	Current Topics in Pharmaceutical Engineering	2(2-0-4)
551 739	Manufacturing Resource Management	4(3-3-6)
551 743	Equipments in Pharmaceutical Technology	3(2-3-4)
551 745	Regulatory Affairs in Industrial Pharmacy	3(3-0-6)
551 746	Sterile Pharmaceutical and Biopharmaceutical Product	2(2-0-4)
551 747	Material Sciences for Pharmaceutical Industry	2 (2-0-4)
551 748	Computer Simulation in Pharmaceutical Engineering	2(2-0-4)

**Thesis (equivalent to)** 48 credits

550 911	Thesis	equivalent to	48 credits
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However, students can take courses in other programs available inside or outside the country if necessary for their specific work or profession with an approval from Faculty Committee of Faculty of Pharmacy. As part of the preparatory program to increase applicant's fundamental knowledge, student may be required to take extra designated courses by academic advisor and/or Faculty Members Responsible for the Program. These subjects cannot be counted towards accumulation of course credits in the program.

**Educational System, Administration, and Curriculum Structure**

**5. การจัดการเรียนการสอน**

## จัดการเรียนการสอนในวัน-เวลาราชการ

### 6. Program

Doctor of Philosophy

3-year program for Type 1.1 and Type 2.1

5-year program for Type 1.2 and Type 2.2

### 7. Study Venue

Faculty of Pharmacy, Silpakorn University, Sanam Chandra Palace Campus,  
Nakhon Pathom 73000

### 8. Job Opportunities

8.1 Lecturer, academic, consultant, or researcher in governmental organization or industrial sector related to pharmacy

8.2 Researcher in engineering division or research and development division or quality control laboratory of private company or related industrial sector

**For further information, please contact :**

#### **Bangkok:**

Graduate School, Silpakorn University  
2nd floor office of president building,  
22 Boromaratchonnani Rd., Talingchun, Bangkok 10170  
Tel. +66 (0) 2849 7502 - 3  
Fax. +66 (0) 2849 7503

#### **Nakhon Pathom:**

Graduate School, Silpakorn University  
7th floor, 50th year Building,  
Sanamchandra Palaces Campus, Nakhon Pathom 73000  
Tel. +66 (0) 3421 8788 - 91



Fax. +66 (0) 3424 3435

**Website:** <http://www.graduate.su.ac.th>

[http://www.twitter.com/graduate\\_su](http://www.twitter.com/graduate_su)

<http://www.facebook.com/graduatesu>

**E-mail:** [grad\\_sch@su.ac.th](mailto:grad_sch@su.ac.th)

**Faculty of Pharmacy, Silpakorn University,**

**Sanam Chandra Palace Campus.**

No.6 RajamankhaNai Road, PhraPathom Chedi, Muang, Nakorn Pathom 73000

Tel 0-3425-5800, 0-3425-3910-7

Fax 0-3425-5801

University: Suranaree University of Technology  
Contact person: Assoc. Prof. Soraya Kaewpitoon, M.D.  
Tel: +66-4422-3921 Fax: +66-4422-3920  
E-mail: soraya.k@sut.ac.th

Detail information of the scholarships offered by university

No	Discipline	Degree	Nationality	Admission requirements	Course coordinator (s)
1	Master of Science Program in Translational Medicine	Master of Science (Translational Medicine)	✓ Cambodia	1. Be nationals of Cambodia 2. Hold a Bachelor's or Master's degree in a relevant field 3. Have a good English proficiency (TOEFL $\geq$ 500 or IELTS $\geq$ 5.0 or equivalent) 4. Be of good health physically and mentally	Assoc. Prof. Soraya Kaewpitoon, M.D. Head of Research Department Tel: +66-4422-3921 Fax: +66-4422-3920 E-mail: soraya.k@sut.ac.th
<b>Semester registration open / Starting and closing date of semester</b>					
<input checked="" type="checkbox"/> semester 1/ Starting in August 2019 <input type="checkbox"/> semester 2					
<b>Scholarship's terms and conditions</b>				<b>Payment</b>	
1. The scholars have to work as Teaching Assistant in laboratory for 8 hours/week 2. The scholars have to maintain GPAX $\geq$ 3.25 during their study 3. Two academic years (2019-2020)				Allowance: 10,000 THB/month for 2 years (or 6 trimesters) Travel expense: At cost Insurance: 5,000 THB/year Tuition Fee: At cost Visa: 1,900 THB/year	
<b>Course information</b>					
Facebook: Translational Medicine SUT เวชศาสตร์ปริวรรต สำนักวิชาแพทย์ ม.เทคโนโลยีสุรนารี					

## Application Guideline for Thailand Scholarships (Year 2019)

### Scholarship information

The Office of the Higher Education Commission (OHEC), Ministry of Education, Thailand, in cooperation with Thai universities invites nationals of Cambodia, Laos, and Myanmar to apply for Thailand Scholarships for academic year 2019. Up to 37 scholarships will be granted to students and faculty members of higher education institutions or general public in Cambodia, Laos, and Myanmar to further their master's degree or doctoral degree study in Thailand in international programmes offered by Thai higher education institutions. Tuition fees, living allowances and accommodation, travel, textbooks, as well as health and accident insurance expenses will be supported by Thai higher education institutions and OHEC.

Item	Details																				
<b>Eligibility</b>	<p>Eligible applicants must meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Be nationals of Cambodia/Laos/Myanmar</li> <li>• Hold a bachelor's degree or master's degree in a related field</li> <li>• Have a good English proficiency</li> <li>• Maximum age:               <ul style="list-style-type: none"> <li>- 27 years (up to the closing date of application) for master's degree</li> <li>- 35 years (up to the closing date of application) for doctoral degree</li> </ul> </li> <li>• Be of good health physically and mentally</li> </ul>																				
<b>Universities and fields of study</b>	<p>Applicants for the scholarship shall select a programme offered by 10 Thai universities as follows:</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="padding-left: 20px;">• Chiang Mai University</td> <td style="text-align: right; padding-left: 20px;">1 programme</td> </tr> <tr> <td style="padding-left: 20px;">• Khon Kaen University</td> <td style="text-align: right; padding-left: 20px;">2 programmes</td> </tr> <tr> <td style="padding-left: 20px;">• King Mongkut's Institute of Technology Ladkrabang</td> <td style="text-align: right; padding-left: 20px;">6 programmes</td> </tr> <tr> <td style="padding-left: 20px;">• King Mongkut's University of Technology Thonburi</td> <td style="text-align: right; padding-left: 20px;">1 programmes</td> </tr> <tr> <td style="padding-left: 20px;">• Mae Fah Luang University</td> <td style="text-align: right; padding-left: 20px;">3 programmes</td> </tr> <tr> <td style="padding-left: 20px;">• Mahidol University</td> <td style="text-align: right; padding-left: 20px;">1 programme</td> </tr> <tr> <td style="padding-left: 20px;">• Prince of Songkla University</td> <td style="text-align: right; padding-left: 20px;">6 programmes</td> </tr> <tr> <td style="padding-left: 20px;">• Silpakorn University</td> <td style="text-align: right; padding-left: 20px;">4 programmes</td> </tr> <tr> <td style="padding-left: 20px;">• Suranaree University of Technology</td> <td style="text-align: right; padding-left: 20px;">12 programmes</td> </tr> <tr> <td style="padding-left: 20px;">• Thammasat University</td> <td style="text-align: right; padding-left: 20px;">1 programme</td> </tr> </tbody> </table> <p><i>*Please see the attachment for details of study programmes offered by Thai universities.</i></p>	• Chiang Mai University	1 programme	• Khon Kaen University	2 programmes	• King Mongkut's Institute of Technology Ladkrabang	6 programmes	• King Mongkut's University of Technology Thonburi	1 programmes	• Mae Fah Luang University	3 programmes	• Mahidol University	1 programme	• Prince of Songkla University	6 programmes	• Silpakorn University	4 programmes	• Suranaree University of Technology	12 programmes	• Thammasat University	1 programme
• Chiang Mai University	1 programme																				
• Khon Kaen University	2 programmes																				
• King Mongkut's Institute of Technology Ladkrabang	6 programmes																				
• King Mongkut's University of Technology Thonburi	1 programmes																				
• Mae Fah Luang University	3 programmes																				
• Mahidol University	1 programme																				
• Prince of Songkla University	6 programmes																				
• Silpakorn University	4 programmes																				
• Suranaree University of Technology	12 programmes																				
• Thammasat University	1 programme																				
<b>Duration</b>	Please see details in each programme.																				
<b>Scholarship benefits</b>	<ul style="list-style-type: none"> <li>• Allowance including living allowance and accommodation during the stay in Thai host universities</li> <li>• A travel expense to and from home country at the beginning and the end of the scholarship term respectively</li> <li>• Coverage of health and accident insurance during the period of scholarship in Thailand</li> <li>• Allowance for textbooks</li> <li>• Tuition and all relevant fees</li> </ul> <p><i>***Applicants are advised to thoroughly read the scholarship details offered by each university, such as course information, payment, as well as terms and conditions.***</i></p>																				

Item	Details
Documents required for application	<p>For all applicants</p> <ul style="list-style-type: none"> <li>• A completed application form with photograph taken within 6 months</li> <li>• A certified copy of transcript of records of your previous degree</li> <li>• 2 letters of recommendation written by faculty members of the home university</li> <li>• Birth certificate or national identification card or certified copy of passport showing date of birth with English translation</li> <li>• Statement of purpose</li> <li>• Research proposal or concept paper</li> </ul> <p>For those studying in the final semester</p> <ul style="list-style-type: none"> <li>• A certificate of student status with an expected dates of graduation</li> </ul>
How to apply	<p>Applicants can obtain the application form from website of the Office of the Higher Education Commission, Ministry of Education, Thailand at <a href="http://www.inter.mua.go.th">http://www.inter.mua.go.th</a></p> <p>Applicants are requested to <u>identify a maximum of two master's degree or doctoral degree programmes in order of preference</u>. Final decision for enrolment at one particular Thai university will be made by a panel of representatives from Thai universities. Please see the attachment for essential details about the study programmes.</p> <p><i>***Applicants applying for Doctoral degree are advised to check with the university if you are required to have an advisor to supervise your dissertation before you proceed the application.***</i></p>
Application submission	<p>Applicants are requested to submit the original set of application forms and required documents to the Royal Thai Embassy in Phnom Penh, Royal Thai Embassy in Vientiane, or Royal Thai Embassy in Yangon. Please mark "Thailand Scholarships" at the bottom right corner of the application package.</p> <p>In addition, applicants are also requested to submit the electronic copy of application form and all required documents via e-mail to:</p> <ol style="list-style-type: none"> <li>1) Office of the Higher Education Commission via e-mail: <a href="mailto:tsohec@gmail.com">tsohec@gmail.com</a> and</li> <li>2) The contact person of the 2 selected universities as appeared in the attached programme table for initial reference.</li> </ol>
Application deadline	<p>Application form and all required documents (both the original and electronic copies) must be received <b><u>no later than Monday, 25 February 2019</u></b>. Late submission of applications or incomplete application form and documents will not be considered.</p>
Test of English proficiency and interview	<p>Short-listed applicants will be notified to sit in for the English proficiency test on 15 March 2019 at the Royal Thai Embassy in Phnom Penh, Royal Thai Embassy in Vientiane, and Royal Thai Embassy in Yangon. Successful applicants who are granted the scholarships may have to obtain the required TOEFL or IELTS scores or pass the English Proficiency Examination arranged by the host university before being awarded their degree. Please thoroughly study terms and conditions of the universities which you are interested before you apply.</p>
Tentative date and venue for English proficiency test and final interview	<p><u>English Proficiency Test</u></p> <p>Date: Friday, 15 March 2019</p> <p>Venue: The Royal Thai Embassies in Phnom Penh, Vientiane, and Yangon</p>

Item	Details
	<p><u>Final Interview</u></p> <p>Date: 3<sup>rd</sup> - 4<sup>th</sup> Week of May 2019 (The exact date and venue will be announced later.)</p> <p>Venue: The Royal Thai Embassies in Phnom Penh, Vientiane, and Yangon</p>
<b>Contact person</b>	<p>Ms. Jittree Klumpong Educator</p> <p>Bureau of International Cooperation Strategy Office of the Higher Education Commission Ministry of Education, Thailand</p> <p>328 Si Ayutthaya Road Bangkok 10400, Thailand Tel: +66 2610 5424 Fax: +66 2354 5570 E-mail: tsohec@gmail.com</p>

# THAILAND SCHOLARSHIPS (YEAR 2019)

## APPLICATION FORM

### Part A: Summary of application

Please complete this form in BLOCK LETTERS and mark (X) where applied.

Title:  Mr.  Ms.  Mrs.

First Name:..... Last name:.....

Nationality:..... Age:.....

Country of residence:.....

Intended level of study:  Master's degree  Doctoral degree

Please identify your study options in order of preference

Preferred choices	Name of institution	Programme of study
First choice		
Second choice		

### Part B: Check list of documents

(Please mark "X" in the boxes as appropriate and make sure that you enclose all the required additional documents together with this application form.)

#### 1. For all applicants

- A completed application form with photograph taken within 6 months  
*(Photographs taken from a mobile phone and self-composed photographs are not allowed.)*
- A certified copy of transcript of records of your previous degree
- 2 letters of recommendation written by faculty members of the home university  
*(The letter should have an institution emblem or institution's official stamped on it.)*
- Birth certificate or national identification card **or** certified copy of passport showing date of birth with English translation
- Statement of purpose
- Research proposal **or** concept paper

#### 2. For those studying in the final semester

- A certificate of student status with an expected dates of graduation

Kindly submit the copy of documents listed above to [tsohec@gmail.com](mailto:tsohec@gmail.com)

**Part C: Personal data**

Title:  Mr.  Ms.  Mrs.

First name: .....

Last name: .....

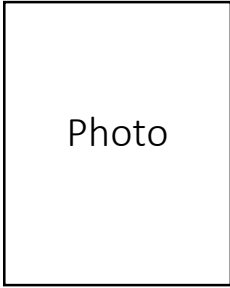
Date of birth: .....

Place of birth: .....

Age: ..... Passport no.: .....

Country of residence: ..... Nationality: .....

Employment status:  Employed  Self-employed  Part-time employment  Unemployed  
 Student  Other, please specify .....



**Part D: Contact information**

*Permanent address in your home country*

Street name and number: .....

City: ..... Postal code: .....

Country: .....

Phone (with international code): .....

Mobile phone (with international code): .....

E-mail address: .....

*Address for correspondence, if different from above*

Street name and number: .....

City: ..... Postal code: .....

Country: .....

**Part E: Language proficiency**

1. Specify your English language test name (IELTS, TOEFL or equivalent), score and date. Please also attach a formal proof within your application.

Test name	Score	Test date

2. Specify languages in the first column. Describe your language skills under the following columns with the marks: 0 = “zero knowledge”, 1 = “basic”, 2 = “average”, 3 = “advanced”. Include your mother tongue (if other than English).

Languages	Reading	Writing	Speaking	Listening
English				

**Part F: Education background**

Provide full records of your education to date, including high school and university degrees (bachelor level, certificate graduate diploma and master’s degree). In addition, specify any post-graduate or training programmes you have undertaken during the last three years, even if they have not led you to a degree yet.

*The most recent completed qualifications:*

Academic year		Degree	Date of completion	Name and address of educational institution	Country	Major subject	GPA or marks obtained out of max (e.g. 85/100)
From	To						

*An ongoing study:*

From (academic year)	Degree	Expected date of completion	Name and address of educational institution	Country	Major subject	GPA or marks obtained out of max (e.g. 85/100)

Publications/ conference paper/ poster presentation etc.

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Please indicate the names and full contact addresses (including telephone and email addresses) of the 2 referees who wrote the 2 recommendation letters that you enclose in your application.

<p><i>Referee #1</i></p> <p>Name:</p> <p>Address:</p> <p>Telephone (with international code):</p> <p>Email:</p>	<p><i>Referee #2</i></p> <p>Name:</p> <p>Address:</p> <p>Telephone (with international code):</p> <p>Email:</p>
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### Part G: Working experience

Describe, if any, your employment, professional experience and additional experience (eg. full-time and part-time internship, teaching experience, research experience, professional membership and associations). Please specify the date, position, main activities, employer address and type of business.

From	To	Position	Main activities or responsibilities	Name and country of employer	Type of business

### Part H: Statement of purpose

Please state your aspirations, interests and reasons why you are applying for Thailand Scholarships. In addition, please discuss your motivations to study in Thailand, professional interests, and career goals. The statement must not exceed a page of A4 paper.

### Part I: Research proposal or concept paper

Please describe what you are planning to do. There is no template, but the proposal should include title, introduction, research questions, methodology, conceptual programme and timeline, as well as selected references. The proposal must not exceed 2 pages of A4 paper.

### Part J: Course options

Please indicate your preference for Thai higher education institutions and fields of study in order of prioritisation.

Intended level of study:  Master's degree     Doctoral degree

Preferred Choice	Name of Institution	Field of Study
First choice		
Second choice		

**Important**

I declare and certify that the information provided in this application is accurate to the best of my knowledge and agree to immediately inform the committees about any changes and amendments. Furthermore I agree, if registering as a student, to respect the curriculum regulations of the host university. I accept responsibility for the completeness of my application.

I hereby authorise the committees to treat the data provided to the purpose of the student selection for the Thailand Scholarships.

Finally I understand that if I am admitted to the master's or doctoral program and fail to register in person at the entrance university before the dates stipulated in the admission letters, I am no longer entitled to my place in the programme and forfeit my place.

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Place, Date

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Signature