Announcement Direct Admissions 1-2 (First Round)

Bachelor of Engineering (International Programs) Academic Year 2023

School of Engineering, King Mongkut's Institute of Technology Ladkrabang (KMITL)

School of Engineering, King Mongkut's Institute of Technology Ladkrabang invites qualified applicants to apply for admissions to the School of Engineering in 4 years Bachelor's Degree Programs, 5 years Unified Bachelor's & Master's Degree Program (KMITL - AIT) and 5 years Unified Bachelor's & Master's Degree Program (KMITL - CMKL) for Academic Year 2023 (beginning in August 2023). This round of admissions is opened to all applicants with excellent academic backgrounds. Selection of qualified candidates is based on the applicant's academic records, standardized test scores, and English proficiency test results, along with a personal statement, letters of recommendation, past academic activities, the interview and other supplementary documents.

1. Programs and Number of Acceptances

Selection Procedure:

1. You may apply up to a maximum of 3 programs choices as listed in 1.1. Direct Admissions 1-2 (First Round) : 4 years Bachelor's Degree Programs. Please specify the ranking when considering the application.

2. (Optional) After you have completely applied to program 1.1 and paid for the application fee payment, you may apply to the lists of 1.2 or 1.3 Direct Admissions 1-2 (First Round) : 5 years Unified Bachelor's & Master's Degree Program KMITL - AIT or KMITL - CMKL

1.1 Direct Admissions 1-2 (First Round) : 4 years Bachelor's Degree Programs

This is a maximum target number of accepted students for academic year 2023. The program won't open in the next round if the number is reached.

No.	Programs	Persons
1	Biomedical Engineering	40
2	Chemical Engineering	25
3	Civil Engineering	40
4	Computer Engineering	30
5	Electrical Engineering – Electrical Power major	35
6	Electrical Engineering – Mechatronics major	25
7	Engineering Management and Entrepreneurship	30
8	Energy Engineering	25
9	Financial Engineering	40
10	Industrial Engineering and Logistics Management	40
11	Mechanical Engineering	40
12	Robotics & AI Engineering	30
13	Software Engineering	50

1.2 Direct Admissions 1-2 (First Round) : 5 years Unified Bachelor's & Master's Degree Program (KMITL - AIT)

Students will spend the first seven (7) semesters (3.5 years) at KMITL for bachelor courses, and do the 8th semester of Bachelor Capstone Projects at Asian Institute of Technology (AIT) , while at the same time do the Master's program at AIT, credits earned from which will be transferred to the bachelor's degree, students will have the opportunity to complete the master program in 3 semesters and 1 inter-semester (1.5 years).

No.	Programs
1	Biomedical Engineering
2	Civil Engineering
3	Industrial Engineering and Logistics Management
4	Robotics & AI Engineering

1.3 Direct Admissions 1-2 (First Round) : 5 years Unified Bachelor's & Master's Degree Program (KMITL - CMKL)

Students will spend the first 6 semesters (3 years) at KMITL for bachelor courses, and do the 7th - 8th semester of Bachelor Capstone Projects at CMKL University (CMKL) and School of Engineering, King Mongkut's Institute of Technology Ladkrabang (KMITL) to graduate with a Bachelor's degree at the end of Year 4 at KMITL . The coursework of Master's Degree will start from 7th semester and finish with a Master's degree at the end of Year 5.

No.	Programs
1	Biomedical Engineering
2	Chemical Engineering
3	Civil Engineering
4	Computer Engineering
5	Electrical Engineering – Electrical Power major
6	Electrical Engineering – Mechatronics major
7	Engineering Management and Entrepreneurship
8	Energy Engineering
9	Industrial Engineering and Logistics Management
10	Mechanical Engineering
11	Robotics & AI Engineering
12	Software Engineering

2. Application Requirements

2.1 Bachelor's Requirements (Based on KMITL)

2.1.1 Educational background

The applicant must satisfy at least one of the following requirements:

1) Graduated or studying in Matthayom 6.

2) Graduated in qualification equivalent to Matthayom 6 as approved by the Ministry of Education. (The applicants who submit this educational background, please contact SIIE office.)

3) Graduated or studying at an accredited college or higher-education institution in Thailand or aboard

The applicant must provide an official final transcript and their official high school diplomas and/or certificates of completion from their school before the start of Academic Year 2023.

2.1.2 Academics Record

The applicant should submit at least one of the following standardized test results and obtain a score which meet the minimum requirements as specified below:

<table>
<tr><th rowspan="2">Program</th><th colspan="7">Standardized Test Results</th></tr>
<tr><th>SAT I
or</th><th>GSAT
or</th><th>School Letter
or</th><th>ACT
or</th><th>IB Diploma
or</th><th>Certificate
or</th><th>Any national higher education board exam result</th></tr>
<tr><td>Biomedical Engineering</td><td rowspan="14">1020</td><td rowspan="14">1020</td><td rowspan="14">GPA
at least 5 semesters in the class rank of 75th percentile</td><td rowspan="14">19</td><td rowspan="14">29</td><td rowspan="13">certificate showing excellent performance from any academic activity provided by School of Engineering – KMITL</td><td rowspan="14">A Level, Gaokao, GAT/PAT, TGAT/TPAT National Exam</td></tr>
<tr><td>Chemical Engineering</td></tr>
<tr><td>Civil Engineering</td></tr>
<tr><td>Computer Engineering</td></tr>
<tr><td>Electrical Engineering
(Electrical Power major)</td></tr>
<tr><td>Electrical Engineering
(Mechatronics Engineering)</td></tr>
<tr><td>Energy Engineering</td></tr>
<tr><td>Engineering Management
and Entrepreneurship</td></tr>
<tr><td>Industrial Engineering
and Logistics Management</td></tr>
<tr><td>Mechanical Engineering</td></tr>
<tr><td>Robotics & AI Engineering</td></tr>
<tr><td>Financial Engineering *</td></tr>
<tr><td>Software Engineering *</td><td>**</td></tr>
</table>

Remark: * The applicants for **Financial Engineering** and **Software Engineering** are required to meet one of these additional requirements.

- SAT or GSAT Math score of 600 or higher
- or SAT subject test Math Level 1 or Math Level 2 score of 600 or higher
- or ACT Math score of 23 or higher
- or IB Diploma score for a subject in Mathematics with a score of 5 or higher
- or AP test for a subject in Mathematics with a score of 4 or higher
- or A-Level or AS-Level for a subject in Mathematics with grade B or above
- or Pat 1 Score of 90 or higher
- or Cumulative GPA of all Math subjects in high school at least 3 out of 4 (or equivalent)

****** For **Software Engineering** Certificate provided by School of Engineering – KMITL *can not* be used as a substitution of any standardized test results, however it can be submitted for consideration as additional document.

2.1.3 Language Requirement (for non-native English speakers)

The applicant should submit at least one of the following English proficiency Test score and obtain a score which meets the minimum requirement specified below:

English Proficiency Test	Minimum Score
TOEFL – paper-based	550
TOEFL – CBT	213
TOEFL – IBT	79
IELTS	6
Cambridge English Exams FCE or CAE or CPE	170
IB – English A1 or A2	4
IB – English B (HL)	5
KMITL-TEP	B2

Remark: 1. Applicants who have an English proficiency score meeting with minimum or over requirement can be admitted without conditions (The score has to be valid not more than 2 years from the date of application deadline).

2. Applicants who do not submit any English proficiency test score or have lower than the required can be conditionally accepted by taking SIIE Pre-sessional English Course for 30 hours before the start of the first semester and enrolling in additional English as a Second Language (ESL) courses at KMITL in the first semester.

2.1.4 Personal Statement

Please write an essay (650 words or fewer) that demonstrates your ability to communicate your thoughts and your related experience in the field of study.

2.1.5 Two Recommendation Letters

The applicant should upload PDFs or JPG snapshots of the letters of recommendation from your advisors or teachers.

2.2 Master's Requirements

Recruited students are not guaranteed to be admitted to Unified Programs unless the requirements in section 2.2 are met. Those who are not admitted may continue their study in their Bachelor's program but will not be eligible for a Master's degree.

2.2.1 Master's Requirements (Based on AIT) Decision of admission will be made by the end of 7th semester.

Required Documents

- Transcripts or Grades Certificates 6 semester from Bachelor 's Degree at KMITL
- Minimum Cumulative GPA of 2.75 on the scale of 4.0 or Grade B or 65% above
- Recommendation Letter from KMITL
- English Test Result

English Proficiency Test	Minimum Score
IELTS	6
TOEFL – paper-based	550
TOEFL – CBT	213
TOEFL – IBT	79
AIT English Entrance Test (AIT-EET)	6

** The score has to be within 2 years before the date of application deadline.*

- Health Certificate issued by KMITL, medical officers or KMITL accredited physicians
- Copy of passport

2.2.2 Master's Requirements (Based on CMKL) Decision of admission will be made by the end of 5th semester.

At the end of the 5th Semester, the student is required to provide all the necessary documents, satisfy the English language requirements, and follow the admission procedure set out by CMKL (https://eic.cmkl.ac.th/admission). CMKL will evaluate the application and determine whether the student is provisionally admitted to the Master's program the student has applied for.

3. Admissions Schedule

Details	Dates
1. Application filing and Application Fee Payment Period http://new.reg.kmitl.ac.th/admission/	Now - December 23, 2022
2. Interview Candidate Notification http://new.reg.kmitl.ac.th/admission/	January 10, 2023
3. Candidate Interview Date	January 15, 2023
4. Interview Result Announcement http://new.reg.kmitl.ac.th/admission/	January 27, 2023
5. TCAS Clearing House (for Thai Nationality only)	Feb 7-8, 2023
6. Enrollment Confirmation and Tuition Fee Payment http://www.reg.kmitl.ac.th	Feb 17-23, 2023

4. Application Submission

Step 1: Applicants must apply via online application system https://new.reg.kmitl.ac.th/admission/

(User guidance for application system
https://drive.google.com/file/d/1_P0xhx5IxdzK37sftav2nfw5n8tvRKAx/view?usp=share_link)

Step 2: Applicants must print out the pay in slip to deposit a 1000 baht non refundable application fee through any Kasikorn Bank (KBank) counter (with 10 Baht fee) or scanning barcode via any Mobile Banking application (no fees charged).

The applicant is responsible for any additional transaction fee incurred by financial institutions. **Please note that the application payment is non-refundable**. The applicant will be notified of his/her eligibility for an interview after the admissions committee reviews that application. The actual time of the interview will be announced later.

Step 3: **Applicants must upload all necessary documents as the following in 1 pdf file (up to 4MB in size only)** to online application system with subject filename as Application ID.

1.Your application form

2.A photocopy of the applicant's national identification card or passport

3.Academic Records - High School Transcript, SAT, ACT, IB etc.

4.English Proficiency Test score - IELTS, TOEFL etc.

5.Two recommendation letters from teachers or supervisors.

6.Personal Statement

7.Portfolios Achievements (optional)

8.Placement test results (optional): submit available AP, IB Higher Level, A-Level, or any grade 12 equivalent placement test results. The policy and criteria for placement credits will be determined prior to the applicant's enrollment.

9.Certificate in any academic activities provided by School of Engineering – KMITL (optional)

5. Tuition Fees and Enrollment Confirmation

5.1 The tuition fees for Bachelor's degree programs in Academic Year 2023 are as follows:

No.	Programs	THB/Semester
1	Biomedical Engineering	90,000
2	Chemical Engineering	90,000
3	Civil Engineering	90,000
4	Computer Engineering	90,000
5	Electrical Engineering – Electrical Power major	90,000
6	Electrical Engineering – Mechatronics major	90,000
7	Engineering Management and Entrepreneurship	90,000
8	Energy Engineering	90,000
9	Financial Engineering	120,000
10	Industrial Engineering and Logistics Management	90,000
11	Mechanical Engineering	90,000
12	Robotics & AI Engineering	90,000
13	Software Engineering	90,000

* For those programs doubling degrees with other, the tuition fees may be different.

** The fees for Financial Engineering program comprise of the tuition fee of 72,000 THB/Semester and the supplemental fee of 48,000 THB/Semester, which sum up to 120,000 THB/Semester.

5.2 The tuition fees for Master's degree programs

Tuition fees are subject to change according to AIT and CMKL policies. Scholarships may be applied.

5.2.1 The tuition fees for Master's program at AIT

Student is required to pay the tuition fee directly to AIT during 8th - 10th semester. at the rate of 540,000 THB (covering tuition fees for capstone project , registration and credit).

5.2.2 The tuition fees for Master's program at CMKL

Student is required to pay the tuition fee to CMKL at the subsidized rate of 90,000 THB/semester in Year 4 and 185,000 THB for each semester in Year 5. The students will also be required to pay additional required fees directly with CMKL.

6. Scholarships

Academic Excellence Freshmen Scholarship is offered to applicants with excellent academic performances to pursue their undergraduate education in the international programs, the School of Engineering at KMITL. The scholarship will be granted for 1st year students with exceptional academic records. More than 40 scholarships can be awarded.

Minimum Academic requirement:

- Achieved SAT I General test composite score at least 85 world percentiles
- Achieved TOEFL score at least 550 (paper) or 213 (CBT), or 79 (IBT), or Achieve IELTS score at least 6.0.

Scholarship result will be announced on February (before TCAS clearing house period). Those who're selected will receive the offer letter directly to their email.

7. Contact Information

For additional information of Admissions , please contact SIIE office, Faculty of Engineering, KMITL

- Phone: +66(0)994961526, +66(0)23298301 Ex 218
- Line: @siie_kmitl
- Email: siie-admission@kmitl.ac.th
- Facebook: https://www.facebook.com/KMITL.SIIE

For more details in each program , directly contact our Program Directors:

- Biomedical Engineering
  - o Phone +66(0)834497543
  - o Contact person: Assoc. Prof. Dr. Chuchart Pintavirooj
  - o Email : chuchart.pi@kmitl.ac.th
  - o Website: https://bme.kmitl.ac.th/
- Chemical Engineering
  - o Phone: +66(0)23298360
  - o Mobile phone +66(0)623727170
  - o Contact person: Asst. Prof. Dr. Amata Anantpinijwatna
  - o Facebook: https://www.facebook.com/chekmitl
  - o Email: Amata.an@kmitl.ac.th
  - o Line id: adios2nd-x
- Civil Engineering
  - o Phone: +66(0)809959727
  - o Contact person: Dr. Panumas Saingam
  - o Facebook: https://www.facebook.com/CEatKMITL
  - o Website: https://civil.kmitl.ac.th/
  - o Line id: @ceatkmitl
- Computer Engineering
  - o Phone: +66(0)994961526
  - o Email: siie-admission@kmitl.ac.th
  - o Line : @siie_kmitl

- Electrical Engineering (Electrical Power major)
    - o Phone: +66(0)23298301 Ex 218
    - o Email: siie-admission@kmitl.ac.th
    - o Line : @siie_kmitl
- Electrical Engineering (Mechatronics major)
    - o Phone: +66(0)617188801
    - o Email: pitcha.pr@kmitl.ac.th
    - o Facebook: https://www.facebook.com/EEInterKMITL
    - o Website: http://www.ee.kmitl.ac.th/inter.html
- Energy Engineering
    - o Phone: +66(0)23298397
    - o Contact person: Kittipass Wasinarom
    - o Email: kittipass.wa@kmitl.ac.th
    - o Facebook: https://www.facebook.com/Energy.KMITL
    - o Website: http://energyacademy.asia/
- Engineering Management and Entrepreneurship
    - o Contact person: Assoc.Prof.Dr. Nunthawath Charusrojthanadeeh
    - o Email : wibool.wu@kmitl.ac.th
- Financial Engineering
    - o Contact person: Dr. Pimprapai Thainiam
    - o Email : fe@kmitl.ac.th
    - o Line id: @fe.kmitl
    - o Website: https://nida.kmitl.ac.th/
    - o Facebook: : https://web.facebook.com/kmitl.nida
- Industrial Engineering and Logistics Management
    - o Phone: +66(0)23298339
    - o Mobile phone+66(0)994961526, +66(0)863271777
    - o Contact person: Dr. Jarotwan Koiwanit
    - o Email: siie_admission@kmitl.ac.th
    - o Line id: imse_kmitl
    - o Website: https://www.ie-kmitl.org/
    - o Facebook: https://www.facebook.com/IELM.KMITL

- Mechanical Engineering
    - o Contact person: Dr. Akapot Tantrapiwat
    - o Email: akapot.ta@kmitl.ac.th
- Robotics & AI Engineering
    - o Contact person: Ms. Atchariya Boonnetr
    - o Mobile phone +66(0)846244535
    - o Email: rai@kmitl.ac.th
    - o Line id: @rai_kmitl
    - o Website: https://www.krai.io/
    - o Facebook: https://www.facebook.com/KMITL.RoboticsAI
- Software Engineering
    - o Contact person: Asst.Prof.Dr.Visit Hirankitti
    - o Mobile Phone +(0)80454 9990
    - o Email: visit.hi@kmitl.acth
    - o Website:http://www.se.kmitl.ac.th
    - o Facebook: https://www.facebook.com/sekmitl

For more details in Asian Institute of Technology (AIT), please directly contact AIT:

- o Facebook: https://www.facebook.com/aitunifiedprogram
- o Website: http://unified.ait.ac.th/index.html
- o Email: unified@ait.ac.th

For more details in CMKL University (CMKL) and School of Engineering, King Mongkut's Institute of Technology Ladkrabang (KMITL), please directly contact CMKL:

- o Contact Person: Natasha Patamapongs (Program Director)
- o Email: natasha@cmkl.ac.th
- o Website: https://eic.cmkl.ac.th/
- o Email: eic@cmkl.ac.th

Announced on December 7, 2022

(Associate Professor Dr.Anuwat Jangwanitlert)

Executive Vice President for Academic Affairs (Acting)

2022/12/07 Time 19:50:06 Non-PKI Server Sign-LN

Signature Code : MwAyA-DEANg-BBAEI-ANQBE

These are the list of special track programs provided by School of Engineering (International Programs), KMITL. Our various joint degree programs with university partners will let you studying in two different programs and graduate with two independent degrees to gain in-depth knowledge and develop your applicable skills in two disciplines. Moreover, you will enjoy a once in a lifetime opportunity to study abroad and get the opportunities to win in the ever rapid global competitiveness.

No.	Special Track Programs	KMITL Programs	Degree	Details
1	Unified Program (Asian Institute of Technology, Thailand)	Biomedical Engineering Civil Engineering Industrial Engineering and Logistics Management Robotics & AI Engineering	1 Bachelor's Degree 1 Master's Degree	Students will spend the first seven (7) semesters (3.5 years) at KMITL for bachelor courses, and do the 8th semester of Bachelor Capstone Projects at AIT, while at the same time do the Master's program at AIT
2	Unified Program (CMKL University, Thailand)	All international engineering programs	1 Bachelor's Degree 1 Master's Degree	Students will spend the first 6 semesters (3 years) at KMITL for bachelor courses, and do the 7th - 8th semester of Bachelor Capstone Projects at CMKL to graduate with a Bachelor's degree at the end of Year 4 at KMITL . The coursework of Master's Degree will be starting from 7th semester to graduate with a Master's degree at the end of Year 5.
3	Double Degree (University of Glasgow, UK)	Biomedical Engineering	2 Bachelor's Degree	Student will start the first 2 years in the BME at KMITL and spending another 2 years of studies at the University of Glasgow with B.Sc. in Biomedical Engineering
		Software Engineering		The program enables qualified students who have completed Year 2 in the SE program at KMITL to enter Years 3 and 4 of the Software Engineering program at the University of Glasgow's School of Computing Science.
4	Double Degree (University of Reading, UK)	Industrial Engineering and Logistics Management	2 Bachelor's Degree	The 2+2 partnership sees students spend the first two years at KMITL studying the Bachelor of Engineering (B.Eng.) in Industrial Engineering and Logistics Management and continuing to Bachelor of Science (B.Sc.) in Computer Science from University of Reading

No.	Special Track Programs	KMITL Programs	Degree	Details
5	Double Degree (Sripatum University, Thailand)	Industrial Engineering and Logistics Management	2 Bachelor's Degree	Bachelor of Engineering degree from King Mongkut's Institute of Technology Ladkrabang and Bachelor of Business Administration (Digital Marketing) from School of Business Administration Sripatum University
6	Double Degree (Kyutech Institute of Technology, Japan)	Robotics and AI Engineeing	1 Bachelor's Degree 1 Master's Degree	RAI B.Eng Program (School of Engineering, KMITL) in conjunction with the RCI Master program (KMITL) launches a double degree in the field of robotics with Master Degree from Kyutech (4+1 Year). The tuition fee waived from the Japanese partner when studying in Japan.
7	Double Degree (NIDA, Thailand)	Financial Engineering	1 Bachelor's Degree 1 Master's Degree	A combined Bachelor's and Master's degree program (4+1) jointly offered by KMITL and NIDA. The program intends to train a new generation of financial engineers who have a strong foundation in the theories of economics and finance, mathematical methods for quantitative data analysis, and computer programming and technologies.
8	Double Degree Pre-medicine (PMED) (Faculty of Medicine, KMITL)	Biomedical Engineering		Following the first 3 years of studies in Biomedical Engineering, students will continue their studies at the Faculty of Medicine for another 5 years with a unique set of biomedical engineering skills to pursue two degrees from both engineering and medicine.

**** Remark ****

1. Applicants who are interested to join those special track programs above, please directly contact us via siie-admission@kmitl.ac.th
2. More our joint degree programs will be lunched soon.