

DOUBLE DEGREE MASTER'S PROGRAM

**School of Engineering and Technology
Asian Institute of Technology, Thailand**

Polytech Nice-Sophia

University of Nice Sophia Antipolis, France

A two year joint programme is offered by the Asian Institute of Technology (AIT) in Thailand and the University of Nice Sophia Antipolis (UNS) in France. For a unique experience in Europe and Asia, students study for their first year at the School of Engineering and Technology (SET) of AIT, and for their second year at Polytech Nice-Sophia of UNS. The double degree is completed after doing an internship in a company or a research study in Europe.

Students will be awarded two Master degrees: one from UNS and one from AIT.



AIT
Asian Institute of Technology



Polytech Nice-Sophia FRANCE

Polytech Nice-Sophia is the Graduate School of Engineering of University of Nice Sophia Antipolis. In a move to develop original and innovative education and training at an international level, the school was born in 2005. It offers degree programs leading to French Engineering Degrees, Masters of Science, and PhDs. The training of engineers is especially focused in the areas, which are currently growing and developing, to ensure employability for all graduates. Polytech Nice-Sophia has 105 faculty staff and 350 guest lectures yearly from industry. It hosts about 1,200 students taking courses in five major fields of science and technology: electronics, computer Sciences, Applied Mathematics and Modeling, Biological Engineering, and Water Engineering.



ACHIEVEMENTS

The future engineers will offer their skills and enthusiasm to companies wishing to meet the challenges of tomorrow. 100% of students find jobs within 3 months of graduating.

INNOVATION DRIVEN RESEARCH

Polytech Nice-Sophia is dedicated to innovation-driven research and forms several national competitiveness clusters together with the following neighboring research institutes:

- o CNRS, National Center for Scientific Research, France
- o INRA, National Institute for Agricultural Research, France
- o INRIA, National Institute for Research in Computer Science & Control, France

INTERNATIONAL COMMITMENT

Polytech Nice-Sophia has developed a sound knowledge and experience of international cooperation through its long term involvement in numerous international programs, including those sponsored by the European commission, such as Erasmus Mundus & External Cooperation, Lifelong Learning, and those initiated by bilateral agreements with various higher education institutions.

Students' placements abroad are highly encouraged. On average, there are more than 120 students every year on placement in various European companies every year, and another 60 students outside Europe.

STUDY AREAS AT POLYTECH NICE - SOPHIA

1. DEPARTMENT OF ELECTRONICS

As electronics is a transversal discipline which is used in a large number of specializations, this department trains general engineers with an in-depth knowledge of electronics.

- Microelectronics and Telecom

<http://www.polytechnice.fr/en/electronique.html>

2. DEPARTMENT OF WATER ENGINEERING

It is responsible for education and training in Hydroinformatics and Water Sciences. It develops courses focusing on modeling methods and tools applied to water management.

- Hydroinformatics & Water engineering
- Water Management

<http://www.polytechnice.fr/en/hydroinformatique.html>

3. DEPARTMENT OF COMPUTER SCIENCES

This department offers students truly exceptional facilities to train to become computer science engineers, as well as a network of over a thousand alumni.

- Ubiquitous Computing
- Computational biology

<http://www.polytechnice.fr/en/informatique.html>

4. DEPARTMENT OF APPLIED MATHEMATICS AND MODELING

The department is the answer to the demand for professional competence in mathematical modeling and numerical simulation.

- Applied Maths for Numerical Modeling
- Applied Maths for Insurance and Finance

<http://www.polytechnice.fr/en/mathematiques.html>



School of Engineering and Technology THAILAND

The School of Engineering and Technology (SET) of the Asian Institute of Technology develops leaders for a sustainable and technologically-driven future. The school values creative research and a solid understanding of the fundamentals of many cutting-edge fields of study in engineering and technology, providing bachelor's, masters and doctoral degrees.

The Asian Institute of Technology (AIT) is an international institute of higher learning. It is Asia's pioneer institution established in 1959 to help meet region's growing needs for advance learning in engineering, science, technology and management, research and capacity building. AIT's mission is to develop highly qualified and committed professionals who will play a leading role in the sustainable development of the region and its integration into the global economy. AIT is based in Thailand and has affiliated centers in other parts of the world. AIT is distinguished for having achieved the unique status of an International Organization.

AIT VISION AND MISSION

The Asian Institute of Technology received: '1989 Ramon Magsaysay Award for International Understanding'. For shaping a new generation of engineers and managers committed to Asia, in an atmosphere of academic excellence and regional camaraderie.

The School of Engineering and Technology has three **Thematic Groups** which are further divided into Fields of Study. The eligible fields for this Double Degree Program are indicated below:

THEMATIC GROUPS AT SCHOOL OF ENGINEERING AND TECHNOLOGY

1. CIVIL AND INFRASTRUCTURE ENGINEERING GROUP

Civil engineering fields of study at AIT conduct cutting-edge research and promote modern methodologies and emerging technologies that address societal needs for reliable and resilient buildings, transportation and water systems for sustainable improvements in standards of living.

- Water Engineering and Management (WEM)

<http://www.set.ait.asia/wem/>

2. INDUSTRIAL SYSTEMS ENGINEERING GROUP

The Industrial Systems Engineering (ISE) thematic group at AIT has contributed to this mission by focusing on industrial competitiveness and innovation for sustainable growth in the region

- Microelectronics (MIC)

<http://www.set.ait.asia/mic/>

3. INFORMATION AND COMMUNICATIONS GROUP

Information and communications enable access; connections and sharing in turn enable knowledge creation and economic opportunity. The fields in the Information and Communications group are:

- Computer Science (CS)

<http://www.set.ait.asia/cs/>

- Information Management (IM)

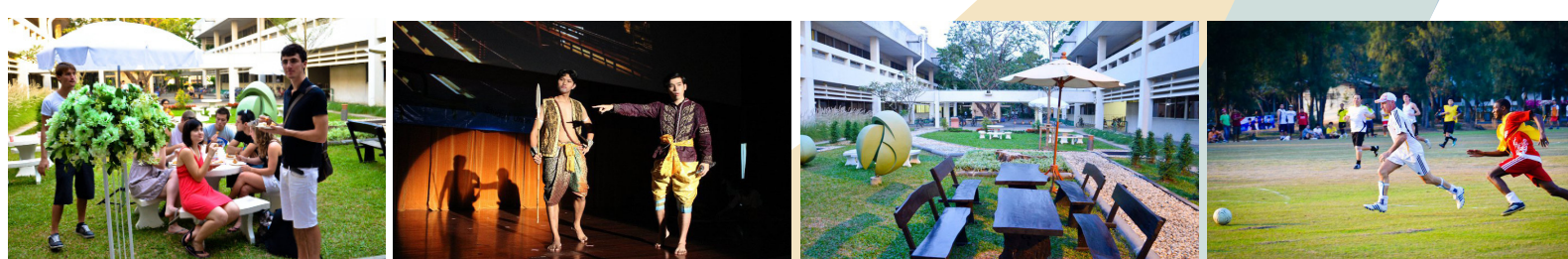
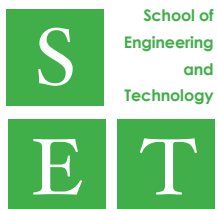
<http://www.set.ait.asia/im/>

- Telecommunications (TC)

<http://www.set.ait.asia/tc/>

- Information and Communication Technologies (ICT)

<http://www.ict.ait.ac.th>





AIT
THAILAND
1st & 2nd Semesters
(August – May)

YEAR ONE

UNS
FRANCE
3rd Semester
(September – February)

YEAR TWO

Internship in a
company or research
study
4th Semester
(March – July)

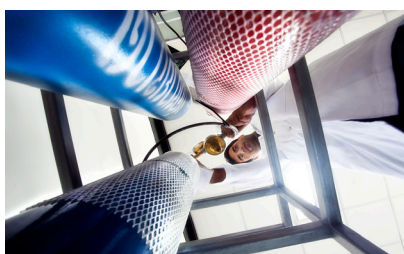
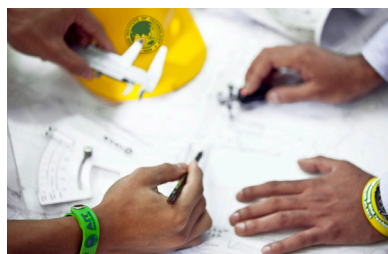
YEAR TWO

ACADEMIC STRUCTURE

SEMESTER	DURATION	VENUE	CREDITS
1st	August - December	AIT	12 credits / 30 ECTS ¹
2nd	January - May	AIT	12 credits / 30 ECTS
Inter-semester	June - August	Asia / Europe	Optional Internship
3rd	September - February	UNS	30 ECTS / 12 credits
4th	March - July	UNS / Europe	30 ECTS / 12 credits Internship in a company or research ²
TOTAL			48 credits / 120 ECTS

¹ **ECTS** European Credit Transfer and Accumulation System (1 AIT credit = 2.5 ECTS)

² **For those at AIT** who wish to advance their career in research, a thesis option is offered at AIT from 4th semester with an additional semester.



COSTS

	AIT, THAILAND (Thai Baht / year)	UNS, FRANCE (Euro / year)
Registration Fee <i>For AIT, 20,000 baht / sem.</i> <i>For UNS, 270 euro / year</i>	40,000	270
Tuition Fee per Credit <i>For AIT, 14,000 baht / credit</i> <i>For UNS, the French Higher Education System covers the costs</i>	336,000	0
Accommodation and Living Expenses <i>For AIT, 15,000 baht / month</i> <i>For UNS, 750 euro / month</i>	180,000	9,000
Miscellaneous Expenses <i>*Student Union Fee</i> <i>*Medical Insurance</i> <i>*Visa Extension</i>	4,799	559
Total Cost (Approx.)	560,799	9,829

Note: The given amount are approximate conversion based on the print-time rate of exchange: actual tuition and fee rate may vary according to the time of payment.

Double Degree Master's Program

Admission Requirements:

- Applicants for the double degree Master's Program must hold a Bachelor degree in a related field of study
- Have a minimum GPA of 3.0 in the scale of 4.0 or equivalent
- Have an evidence of proficiency in English: IELTS score of 5.5 or TOEFL score of 527 in paper-based test or 200 in computer-based test.

Application form:

- To apply online or download the application form, please visit <http://www.ait.asia/admissions/application.html>
- Applicants have to apply to one of the eligible fields of study at AIT (WEM, MIC, CS, IM, TC, ICT) for the double degree program.
- Applicants must send an additional letter (to the AIT Admissions Unit together with the other requested documents) stating that they wish to apply to in the double degree Master's program AIT-UNS.

Admission Inquiries:

Postal Address:

Admissions Unit
 Asian Institute of Technology
 P.O. Box 4, Klong Luang
 Pathumthani 12120
 THAILAND

Street Address:

Admissions Unit
 Asian Institute of Technology
 58 Moo 9, Km. 42, Paholyothin Highway
 Klong Luang, Pathumthani 12120
 THAILAND
Email: setadmin@ait.asia



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