



FACULTY OF ENGINEERING

CHIANG MAI UNIVERSITY

**Bachelor of Engineering Program in Integrated
and Multi-disciplinary Engineering**

(International Program)

ABOUT THE PROGRAM:

The Bachelor of Engineering in Integrated and Multi-disciplinary Engineering (International Program) is designed to prepare students for modern, dynamic engineering fields by offering flexibility and integration across various disciplines. This innovative program emphasizes hands-on experience and fosters creativity, aiming to equip graduates with the expertise to tackle real-world challenges

INTERNATIONAL PARTNERSHIPS:



Muroran Institute of Technology
Mie University



Institute Pertanian Bogor University



Montpellier University
Sigma Clermont



University of Michigan
University of South Carolina



Chung Aug University
Hanbat National University



National Taipei University of Technology





BACHELOR OF ENGINEERING PROGRAM IN INTEGRATED AND MULTI-DISCIPLINARY ENGINEERING

(International Program)

FACULTY OF ENGINEERING
CHIANG MAI UNIVERSITY



STUDY PLAN

Year 1 (Regular Plan)

First Semester	Total 17 credits
206161 Calculus for Engineering 1	3
207105 Physics for Engineering and Agro-Industry Students 1	3
207115 Physics Laboratory for Engineering and Agro-Industry Students 1	1
259103 Engineering Materials	3
259104 Engineering Drawing	3
259191 Principle of Being Professional	1
..... General Education Electives (Language Literacy)	3

Second Semester	Total 17 credits
206162 Calculus for Engineering 2	3
207106 Physics for Engineering and Agro-Industry Students 2	3
207116 Physics Laboratory for Engineering and Agro-Industry Students 2	1
259106 Workshop Technology	1
259107 Engineering Mechanics 1	3
..... General Education Electives (Language Literacy)	3
..... General Education Electives (Digital Literacy or Global Citizen or Artificial Intelligence)	3

Year 1 (Co-operative Education Plan)

First Semester	Total 17 credits
206161 Calculus for Engineering 1	3
207105 Physics for Engineering and Agro-Industry Students 1	3
207115 Physics Laboratory for Engineering and Agro-Industry Students 1	1
259103 Engineering Materials	3
259104 Engineering Drawing	3
259191 Principle of Being Professional	1
..... General Education Electives (Language Literacy)	3

Second Semester	Total 17 credits
140104 Citizenship	3
206162 Calculus for Engineering 2	3
207106 Physics for Engineering and Agro-Industry Students 2	3
207116 Physics Laboratory for Engineering and Agro-Industry Students 2	1
259106 Workshop Technology	1
259107 Engineering Mechanics 1	3
..... General Education Electives (Language Literacy)	3

Year 2 (Regular Plan)

First Semester	Total 19 credits
206261 Calculus for Engineering 3	3
208150 Probability and Statistics	3
252284 Fundamentals of Electrical Engineering for Engineers	3
252280 Fundamentals of Electrical Engineering Laboratory for Engineers	1
259201 Computer Programming for Engineers	3
..... General Education Electives (Language Literacy)	3
..... Major Electives	3

Second Semester	Total 18 credits
206216 Introduction to Mathematical Logic	3
206324 Applied Linear Algebra	3
..... Major Electives	12

Second Semester (Co-operative Education Plan)	Total 18 credits
206216 Introduction to Mathematical Logic	3
206324 Applied Linear Algebra	3
..... General Education Electives (Entrepreneurial Skills)	3
..... Major Electives	9

Year 3 (Regular Plan)

First Semester	Total 18 credits
205275 Geology for Engineers	3
259301 Innovation to Market	3
..... General Education Electives (Creativity and Innovation)	3
..... Major Electives	9

Summer Semester	Total 3 credits
259300 Engineering Training	3

Second Semester (Co-operative Education Plan)	Total 21 credits
206255 Mathematics for Software Technology	3
..... General Education Electives (Digital Literacy)	3
..... General Education Electives (Digital Literacy or Global Citizen or Artificial Intelligence)	3
..... Major Electives	12

Second Semester	Total 18 credits
206255 Mathematics for Software Technology	3
..... Major Elective	15

Year 4 (Regular Plan)

First Semester	Total 9 credits
140104 Citizenship	3
..... General Education Electives (Entrepreneurial Skills)	3
..... General Education Electives (Digital Literacy)	3

Second Semester	Total 11 credits
259192 Skills for Professionalism and Entrepreneurship 1	1
259193 Morality and Intelligence for Being a Professional 3	3
259499 Project	3
..... Free Elective	6

Year 4 (Co-operative Education Plan)

First Semester	Total 9 credits
259498 Cooperative Education	9

Second Semester	Total 11 credits
259192 Skills for Professionalism and Entrepreneurship 1	1
259193 Morality and Intelligence for Being a Professional 3	3
259499 Project	3
..... Free Elective	6

ABOUT THE PROGRAM

This program is a unique collaboration between academia and industry, offering students the freedom to integrate knowledge from multiple engineering disciplines. With a focus on practical and experiential learning, the curriculum prepares students to meet real-world industry demands, bridging the gap between education and professional practice. The partnership with renowned companies enhances the students' exposure to cutting-edge technologies and practices.

CAREER OPPORTUNITIES

Graduates of this program can pursue careers in diverse fields such as IT development, AI and machine learning, renewable energy technologies, and Building Information Modeling (BIM). They are well-suited for roles in design, research, and development within industries including manufacturing, construction, and advanced technology sectors.

INTERNATIONAL PARTNERSHIPS



TUITION FEES

Thai nationality:
50,000 baht per semester
Other nationalities:
70,000 baht per semester

CONTACT US

Chiang Mai International Engineering School,
The Faculty of Engineering, Chiang Mai University
239 Huay Kaew Road, Suthep, Muang, Chiang Mai, Thailand 50200

☎ Tel: (+66) 53 942051 (+66) 53 942052

✉ E-mail: cm-ies@eng.cmu.ac.th

🌐 Website: <https://cmies.eng.cmu.ac.th>

📘 Facebook: www.facebook.com/eng.inter.cmu

Admission Contact

Registration Office Chiang Mai University
239 Huaykaew Rd., Suthep, Muang, Chiang mai,
Thailand, 50200



(+66) 53 948 918



ipas_admission@reg.cmu.ac.th



<https://admission.reg.cmu.ac.th/ipas/>