ENGINEERING
CHIANG MAI UNIVERSITY

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
- Montpellier University
  Sigma Clermont
- Chung Aug University
  Hanbat National University
- Institute Pertanian Bogor University
- University of Michigan
  University of South Carolina
- National Taipei University of Technology

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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 Total 18 credits
(Co-operative Education Plan)

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

Second Semester Total 18 credits

206255	Mathematics for Software Technology	3
.....	Major Elective	15

Summer Semester Total 3 credits

259300	Engineering Training	3

Second Semester Total 21 credits
(Co-operative Education Plan)

206255	Mathematics for Software Technology	3
.....	General Education Electives (Digital Literacy)	3
.....	General Education Elective (Digital Literacy or Global Citizen or Artificial Intelligence)	3
.....	Major Electives	12

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
259193	Morality and Intelligence for Being a Professional	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
259193	Morality and Intelligence for Being a Professional	1
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 OPPORTUNIITIES

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

INTERNATIONALPARTNERSHIPS

TUITION FEES

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

CONTACT US

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