

# FACTS FOR PROSPECTIVE STUDENTS

Carnegie Mellon – CMKL | Thailand program  
M.S. and Ph.D. in Electrical & Computer Engineering



**#9** ELECTRICAL  
U.S. News & World Report, 2024



**#4** COMPUTER  
ENGINEERING  
U.S. News & World Report, 2024



"Revolutionize education to spark entrepreneurship and transform collaborative R&D."

## About us

Established as a collaboration between Carnegie Mellon University and King Mongkut's Institute of Technology Ladkrabang, Carnegie Mellon – CMKL | Thailand will provide cutting-edge engineering research and education in Southeast Asia.

## Locations



Carnegie Mellon's global ECE program locations

## Community

### #YouAreWelcomeHere

At CMU and CMKL, we strive to foster a sense of community, diversity and inclusion while also embracing each student's individuality. Here, students' differences and talents are appreciated, guided, and reinforced. Both campuses have a residential feel while also enjoying the cultural and societal amenities of a big city.



Friendly & Safe  
Environment



Live on two campuses  
in two countries



Diverse Campus



Low Cost of Living

## Our Program

Graduates of the program will earn two degrees: one from Carnegie Mellon University (CMU) and the other from CMKL University (CMKL). Students in the ECE M.S./Ph.D. programs are provided with a thorough background in the fundamentals of electrical and computer engineering, as well as the opportunity for in-depth specialization in research areas of interest.

## Curriculum

Students in the ECE/Thailand program will undertake an intensive study of the fundamentals of electrical and computer engineering. During the course of obtaining the M.S. degree, students will take graduate level ECE courses and participate in research projects. Ph.D. students will create and disseminate knowledge in their chosen areas of study. Courses offered in Thailand will typically be taught in English. The content, style, and level of each course will be reviewed and approved by the Carnegie Mellon ECE Department.

## Degree Timeline



M.S. in ECE



Ph.D. in ECE



One year on the CMKL campus in Thailand, and one year on the Carnegie Mellon campus in Pittsburgh, USA.



Three years on the Carnegie Mellon campus in Pittsburgh, USA, and two years on the CMKL campus in Thailand.

## Faculty Advising

Students will be supervised by two faculty advisors, one from CMU and one from CMKL, respectively. Upon enrollment in the program, students are given the opportunity, with the help of an academic advisor and faculty mentor, to choose an educational program that is consistent with their background and is best suited to their own academic goals.

# Carnegie Mellon University CMKL | Thailand

Enabling Endless Possibilities

## What you will study

### Theoretical Core Courses and Hands-On Coursework

To innovate at the systems level and have an impact in the real world, the interdisciplinary of electrical and computer engineering sits on theoretical foundations and

### Collaborative Research



CMU, CMKL University and industry partners conduct collaborative research and Carnegie Mellon – CMKL | Thailand program offers students the opportunity to specialize in

Artificial Intelligence

Data Science

Internet of Things

Distributed System

Parallel Computing

Security

Cyber-physical Systems

Software Engineering

Mobility

Faculty-development program component allows faculty and students from these institutions to collaborate and explore subjects critical to the advancement in today's high-tech society.

[ece.cmu.edu/admissions/](https://ece.cmu.edu/admissions/)

## Projects & Research Innovation

The research programs at Carnegie Mellon – CMKL | Thailand are at the forefront of the technologies that have changed the world we live in. We combine the power of engineering with the excitement of discovery.

Our interdisciplinary approach to education and research allows faculty and students across the university and beyond to collaborate on problems that have a significant impact on the world around us.

Students are required to take the 'research, entrepreneurship and innovations' course during their time in Thailand. This requirement offers students the opportunities to participate in ongoing real-world projects with university partners and preparing the students for future academic and industrial careers.

## Collaborative R&D



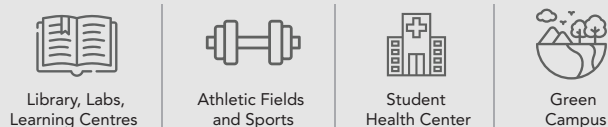
Our program works in close collaboration with many organizations and industries to turn ideas and innovation into reality.

With the expertise to take research and development (R&D) projects from concept through to delivery, our faculty and students conduct and exploit emerging research, applying it to address the real-life needs of industry.

## What you will do for fun



### On Campus Facilities



Library, Labs,  
Learning Centres

Athletic Fields  
and Sports

Student  
Health Center

Green  
Campus

## Important Dates

### ECE Fall Admission

Fall Admission M.S./Ph.D. in Electrical and Computer Engineering (Classes begin in August)

Application Open Date	October 1
Ph.D. Submission Deadline	December 15
M.S. Submission Deadline	January 15

### ECE Spring Admission

Spring Admission M.S./Ph.D in Electrical and Computer Engineering (Classes begin in January)

Application Open Date	August 1
Ph.D. Submission Deadline	August 31
M.S. Submission Deadline	August 31

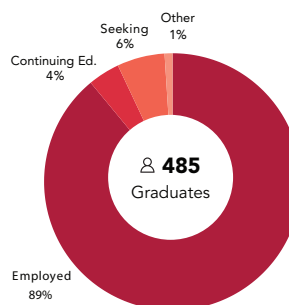
\*Applications will be processed by the Carnegie Mellon College of Engineering Online Application Management.  
\*\*Please Select Ph.D. or M.S. in ECE - Pittsburgh/Thailand Dual Degree to apply for our programs.

## Scholarship Opportunities

The Carnegie Mellon – CMKL | Thailand program offer scholarships for graduate students, please visit <https://www.cmk.ac.th/academic/scholarship>

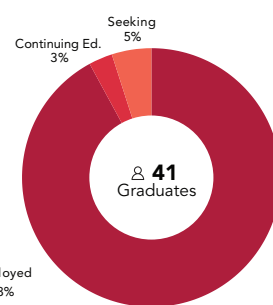
## Where ECE will take you

### 2023 ECE Postgraduate First Destination Outcomes



### Masters

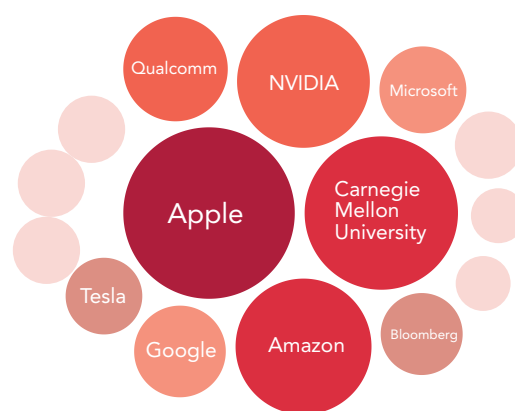
Knowledge Rate of Graduates: 88.2%



### Doctorates

Knowledge Rate of Graduates: 97.6%

## Top Employment Destinations



2023 Salaries Information :  
Average Salary US\$134,289  
Minimum Salary US\$ 80,000  
Maximum Salary US\$ 170,00

Source: [www.cmu.edu/career/outcomes/index.html](http://www.cmu.edu/career/outcomes/index.html)

With the median salary:  
US\$135,000

## Application Requirements

Students will apply directly to Carnegie Mellon College of Engineering Application Management System.

[gradadmissions.engineering.cmu.edu/apply/](http://gradadmissions.engineering.cmu.edu/apply/)

- Application form
- Statement of purpose
- Resume
- Three recommendation letters
- Transcripts
- GRE score (Optional)
- TOEFL, IELTS or Duolingo.

## Contact Us

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