

Programme Specification

Master of Science in Data Science and Artificial Intelligence

International Program

1. Name of the program

Master of Science in Data Science and Artificial Intelligence
M.Sc. (Data Science and Artificial Intelligence)

2. Program Overviews

In a few years, Data Science and Artificial Intelligence (DS&AI) will become a part of every aspect of human endeavor and will transform the way we live and work. In a long run, DS&AI will likely emerge as one of the most disruptive and productive technologies humankind has ever seen. In order to help Thailand prepares for the big changes, Erasmus+ DS&AI consortium from European and Asian partners develop a master's program in DS&AI that is truly international in scope. The master program in DS&AI is an intensive full-time master degree program aiming to give graduate students a strong base in the computational and mathematical foundations of Data Science and Artificial Intelligence as well as to give many opportunities to explore and specialize in various application areas together with industrial partners. The master program is supported by Erasmus+CBHE.

The KKU master program's in DS&AI was designed in partnership with the ERASMUS+ DS&AI consortium, a group of 14 European and Asian universities and companies with the mission of bringing European-standard advanced education to Asia. The project strengthens European cooperation in transdisciplinary education and internationalization, which will bring the strong scientific knowledge in DS&AI to the higher education systems.

3. Study plans

2-years program, 38 Credits

Plan A.1 Thesis only

Plan A.2 Thesis-based

4. Admission requirements

Plan A.1

Bachelor degree in Data Science, Computer Science, Computer Engineering, Mathematics, or Statistics with second honor or higher

Plan A.2

Bachelor degree or equivalent

English proficiency test

- Applicants from a country where English is not the first language must enclose an English Proficiency Test result. The result must not be more than two years. The following English Proficiency tests are accepted, and a minimum score should be as follows:
 - TOEFL (Paper Based) - 400,
 - TOEFL (Computer Based) - 97,
 - TOEFL (Internet Based) - 32,

- IELTS (Academic Module) - 4.0,
- TU-GET (1000) - 400,
- CU-TEP (120) - 45, or
- Khon Kaen University Academic English Language Test (KKU – AELT), Reading – level 2 and Writing – level 2
- Test results obtained from institutes with equivalent standards are subjected to the consent of the curriculum administrative committee.

Note: If applicants do not satisfy with the above-mentioned conditions, the curriculum administrative committees must be considered for approval or disapproval for the admission. It is a case by case basis.

5. Program Length

2 years

6. Fees

Plan A.1 and A.2 = 25,000 baht/semester

Plan B = 43,000 baht/semester

Bench fee = 60,000 baht/semester (Students with no financial support may request for exemption)

International student fee = 15,000 baht/semester

7. Research groups

Data Science Lab (DSL)

Semantic Mining and Information Integration Laboratory (SMIL)

Logistic and Supply Chain Laboratory (LSCL)

Machine Learning and Intelligent Systems Laboratory (MLIS)

Natural Language and Speech Processing Laboratory (NLSP)

Applied Network Technology Laboratory (ANT)

Advanced GIS Technology Laboratory (AGT)

Advanced Smart Computing Laboratory (ASC)

Hardware-Human Interface and Communications Laboratory (H2I-COMM)

Ubiquitous Computing Laboratory (UCL)

8. Scholarships

Khon Kaen University offers scholarships for international students each year, such as Great Maekong Sub-region (GMS) scholarship and research assistant/teaching assistant funding opportunities.

9. Contact

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