

Artificial Intelligence Engineering

The program focuses on building necessary competencies for artificial intelligence engineers with modern knowledges and practical skills, adaptable to the field's rapid-changing nature.

The graduates are expected to be a good citizen, socially responsible and creative with justification, and to have life and social skills as well as public mind, in line with the national strategy for human resources.

The development of learning experiences in the curriculum focuses on active learning, organized in modules or professional sets, leading to lifelong learning.



Contact Us

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Faculty of Engineering Values: S M A R T
S: Strive for Success
M: Mankind
A: Attitude
R: Responsibility
T: Teamwork



มหาวิทยาลัย
สงขลานครินทร์



**Artificial Intelligence
Engineering Program**
**COMPUTER ENGINEERING
DEPARTMENT,
FACULTY OF ENGINEERING**



For more details, visit
www.coe.psu.ac.th

4-year Program (139 credits)

Course Structure

- a. General Education 30 credits
- b. Specific Subjects 95 credits
 - 1. Basic Science and Engineering 17 credits
 - 2. Basic Computer System 7 credits
 - 3. AI Engineering Profession 71 credits include:
 - Compulsory Professional Subjects 8 credits
 - Compulsory Professional Modules 36 credits
 - Selective Compulsory Professional Modules 18 credits
 - Selective Professional Subjects 9 credits
- c. Free Elective Subjects 6 credits
- d. Practical Training, Projects and Cooperative Education 8 credits, Either
 - Practical Training and Projects or
 - Cooperative Education

Example Modules

- Introduction to Artificial Intelligence and Applications Module
- Basic Artificial Intelligence Systems Development Module
- Artificial Intelligence for Robot Controlling Module
- Intelligent Machine Vision Module
- Artificial Intelligence Ecosystem Module
- Game Designer and Developer Module
- IoT Data Analyst Module
- Stock Trading Robot Developer Module
- Artificial Intelligence for Social Media Module
- Mobile Robot Developer Module
- Intelligent Industrial Automation Module

Jobs for Artificial Intelligence Engineers

Graduates in Artificial Intelligence Engineering can work in private sectors, state enterprises, and government agencies or opt for freelance.

- AI Developer
- AI Engineer
- AI System Integration Engineer
- AI Software Engineer
- AI Scientist
- AI Researcher
- Machine Learning Engineer
- Data Engineer
- Data Scientist
- Mobile Robot Developer
- Machine Vision Engineer
- Automation Engineer
- Industrial Automation Engineer
- Stock Trading Robot Developer
- Game Designer and Developer
- Teacher
- Entrepreneur



Choosing PSU

- One of the top universities in Thailand.
- A leading university in the South
- Lecturers and students receive awards in researches and inventions continuously.
- Teaching is organized in modules, incorporating both theory and practice to enable students to pursue careers in various fields.
- Students can meet and approach lecturers more easily than universities in Bangkok Metropolitan Region.
- The environment and atmosphere in the university are beautiful, livable, surrounded by nature, good air, reservoirs and healing gardens.
- There are various facilities nearby such as buses, dormitories, cinemas/restaurants, convenience stores, gas stations, and WiFi.

