COURSE DETAIL

ARTIFICIAL INTELLIGENCE IN MEDICINE
Country Taiwan
Host Institution National Taiwan University
Program(s) National Taiwan University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 118
UCEAP Course Suffix
UCEAP Official Title ARTIFICIAL INTELLIGENCE IN MEDICINE
UCEAP Transcript Title AI MEDICINE
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

Artificial intelligence in medicine has created tremendous business opportunities recently, creating an ideal environment for AI-Biomedical interdisciplinary specialists to make considerable contributions and significantly impact the world. Intelligent medicine aims to utilize state-of-the-art AI technologies for many medical applications such as accurate disease risk prediction and essential predictors selection, which are for early precise and efficient treatments. This course introduces the vast potential of intelligent medicine, seeking to advance student skills and motivation for AI-Biomedical interdisciplinary science.

The course also introduces potential partners for future interdisciplinary collaboration to our students and provide opportunities for practical implementations through several carefully designed experiments, which shall demonstrate how to leverage real-world medical resources and related AI technologies. The course includes visits to prestigious companies and institutes and as well as seminars.

Language(s) of Instruction
English

Host Institution Course Number
CommE5064

Host Institution Course Title
ARTIFICIAL INTELLIGENCE AND INTELLIGENT MEDICINE

Host Institution Course Details
https://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=942%20U0780&c...

Host Institution Campus

Host Institution Faculty
College of Electrical Engineering and Computer Science

Host Institution Degree

Host Institution Department
Institute of Biomedical Electronics and Bionformatics

Course Last Reviewed
2024-2025

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