COURSE DETAIL

DIGITAL SPORTS
Country China
Host Institution Peking University, Beijing
Program(s) Peking University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Health Sciences
UCEAP Course Number 140
UCEAP Course Suffix
UCEAP Official Title DIGITAL SPORTS
UCEAP Transcript Title DIGITAL SPORTS
UCEAP Quarter Units 3.00
UCEAP Semester Units 2.00

Course Description

The digital physical education curriculum aims to combine sports science, AI and artificial intelligence, data analysis, and health management principles, based on physical exercise, and assisted by specific devices in the form of data to provide data support for physical exercise, provide decision-making basis for health management, and improve exercise fun and effectiveness. This course explores how to apply artificial intelligence and intelligent technology to improve performance, training, and management in the field of sports. Students will understand the applications of AI in data analysis, motion prediction, health monitoring, and virtual simulation. And combine theory with practical practice to help students understand how to use technology to optimize sports performance and health status in the fields of sports and health management.

Language(s) of Instruction
Chinese

Host Institution Course Number
04130780

Host Institution Course Title
DIGITAL SPORTS

Host Institution Course Details
https://elective.pku.edu.cn/elective2008/edu/pku/stu/elective/controller/electi...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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