

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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