

COURSE DETAIL

NANOTECHNOLOGY IN MEDICINE (LEVEL 2)

Country

United Kingdom - England

Host Institution

University College London

Program(s)

Summer at University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Health Sciences Biological Sciences

UCEAP Course Number

128

UCEAP Course Suffix

S

UCEAP Official Title

NANOTECHNOLOGY IN MEDICINE (LEVEL 2)

UCEAP Transcript Title

NANOTECH/MEDICINE

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The use of nanotechnology in medicine is an emerging field that can revolutionize the treatment and detection of disease. Through hands-on laboratory sessions, workshops, and lectures by world-leading researchers and active clinicians, this course offers both an insight into these emerging technologies and a fundamental understanding of why size matters and how nanoscale technologies interact with biological environments. Students visit the nanoscale quantum universe, and see how nanoscale objects can be tuned for disease targeting.

Language(s) of Instruction

English

Host Institution Course Number

ISSU0051

Host Institution Course Title

NANOTECHNOLOGY IN MEDICINE (LEVEL 2)

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Nanotechnology

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