

# 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 Course Details**

<https://www.ucl.ac.uk/prospective-students/summer-school/modules/nanotechnology...>

### **Host Institution Campus**

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Nanotechnology

### **Course Last Reviewed**

2025-2026

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