

COURSE DETAIL

INTRODUCTION TO BIOMATERIALS

Country

Spain

Host Institution

Carlos III University of Madrid

Program(s)

Carlos III University of Madrid

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Bioengineering

UCEAP Course Number

104

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO BIOMATERIALS

UCEAP Transcript Title

INTRO/BIOMATERIALS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course offers an introduction to the multidisciplinary field of biomaterials including biological responses to materials, biomedical applications of materials, and design and development of commercial products. Other topics include: biopolymers; bioceramics; biomaterial degradation; designing biomaterials for 3D printing; surface modification of biomaterials; bioentrepreneurship.

Language(s) of Instruction

English

Host Institution Course Number

15553

Host Institution Course Title

INTRODUCTION TO BIOMATERIALS

Host Institution Campus

Leganés

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Host Institution Department

Bioingeniería e Ingeniería Aeroespacial

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