

COURSE DETAIL

TRANSPORT PHENOMENA IN BIOMEDICAL ENGINEERING

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

106

UCEAP Course Suffix**UCEAP Official Title**

TRANSPORT PHENOMENA IN BIOMEDICAL ENGINEERING

UCEAP Transcript Title

TRANSPORT PHENOMENA

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course provides a foundation in understanding and solving problems related to biomedical engineering applications of momentum, heat, and mass transport phenomena. Students are expected to have completed coursework in calculus and physics. Previous coursework in differential equations, fluid biomechanics, and numerical methods is recommended.

Language(s) of Instruction

English

Host Institution Course Number

15547

Host Institution Course Title

TRANSPORT PHENOMENA IN BIOMEDICAL ENGINEERING

Host Institution Campus

Leganés

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Grado en Ingeniería Biomédica

Host Institution Department

Bioingeniería e Ingeniería Aeroespacial

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