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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