COURSE DETAIL

PHYSICAL BASIS OF BIOLOGICAL SYSTEMS
Country Australia
Host Institution University of Queensland
Program(s) University of Queensland
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 30
UCEAP Course Suffix
UCEAP Official Title PHYSICAL BASIS OF BIOLOGICAL SYSTEMS
UCEAP Transcript Title BIOLOGICAL SYSTEMS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This is a non-calculus introduction to physics in a biological context, introducing the physical principles that underlie the biological world. It covers the major topic areas of forces and motion, bulk materials (elasticity and fluids), thermodynamics, electricity and biomedical imaging. The course will be divided into four modules: Forces and motion; Energy and waves; Bulk material properties; Principles of sensing.

Language(s) of Instruction
English

Host Institution Course Number
PHYS1171

Host Institution Course Title
PHYSICAL BASIS OF BIOLOGICAL SYSTEMS

Host Institution Course Details

Host Institution Campus
Queensland

Host Institution Faculty

Host Institution Degree

Host Institution Department
Physics

Course Last Reviewed

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