COURSE DETAIL

TOPICS IN BIOMEDICAL AND HEALTHCARE ENGINEERING
Country Singapore
Host Institution Singapore University of Technology and Design
Program(s) Singapore University of Technology and Design
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Bioengineering
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title TOPICS IN BIOMEDICAL AND HEALTHCARE ENGINEERING
UCEAP Transcript Title TOP BIO&HLTH ENGINR
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course introduces the broad discipline of biomedical engineering, and the fundamental life science and engineering principles associated with biomedical systems and healthcare delivery. The course focuses on three key application areas of biomedical implants, instrumentation, and diagnostics, and discusses the theoretical and practical considerations relevant to the design and development of biomedical devices, tools, and systems in these areas.

Language(s) of Instruction
English

Host Institution Course Number
30.203

Host Institution Course Title
TOPICS IN BIOMEDICAL AND HEALTHCARE ENGINEERING

Host Institution Course Details
https://epd.sutd.edu.sg/undergraduate-courses/30203-topics-in-biomedical-health...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering Product Development

Course Last Reviewed
2023-2024

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