

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering Product Development

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