

COURSE DETAIL

BIOMEDICAL IMAGING

Country

Singapore

Host Institution

Nanyang Technological University

Program(s)

Nanyang Technological University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Bioengineering

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

BIOMEDICAL IMAGING

UCEAP Transcript Title

BIOMEDICAL IMAGING

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces the fundamentals of medical imaging and image processing techniques. This includes X-ray projection imaging, X-ray computer tomography (CT), nuclear imaging, magnetic resonance imaging, ultrasounds and ultrasonic imaging, and optical imaging.

Language(s) of Instruction

English

Host Institution Course Number

BG3104

Host Institution Course Title

BIOMEDICAL IMAGING

Host Institution Course Details

https://wis.ntu.edu.sg/webexe/owa/aus_subj_cont.main

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Bioengineering

Course Last Reviewed

2025-2026

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