# COURSE DETAIL

| CARDIOVASCULAR BIOENGINEERING |
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| **Country**<br>Taiwan |
| **Host Institution**<br>National Taiwan University |
| **Program(s)**<br>National Taiwan University |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Mechanical Engineering |
| **UCEAP Course Number**<br>103 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>CARDIOVASCULAR BIOENGINEERING |
| **UCEAP Transcript Title**<br>CARDIOVSCL BIOENGR |
| **UCEAP Quarter Units**<br>4.50 |
| **UCEAP Semester Units**<br>3.00 |

**Course Description**

This course offers a study on the development of bioengineering principles applied to the cardiovascular system. This course covers: the anatomy of the human cardiovascular system; cardiovascular and neurovascular diseases; diagnostic tools and treatment strategies; cardiovascular medical devices; biofluid mechanics, and biomaterial behavior.

**Language(s) of Instruction**
English

**Host Institution Course Number**
ME5290

**Host Institution Course Title**
CARDIOVASCULAR BIOENGINEERING

**Host Institution Course Details**
http://http://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=522%20U...

**Host Institution Campus**

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
Mechanical Engineering

**Course Last Reviewed**
2022-2023

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