COURSE DETAIL

TISSUE BIOMECHANICS
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Bioengineering
UCEAP Course Number 163
UCEAP Course Suffix
UCEAP Official Title TISSUE BIOMECHANICS
UCEAP Transcript Title TISSUE BIOMECHANICS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

The course covers the biomechanics and mechanobiology of skeletal tissues (bone, articular cartilage, tendons, and ligaments); the pathomechanics of injury, adaption, and degenerative changes with aging; how biomaterials can be used in loaded regions of the body; and an insight into current biomechanical research of skeletal tissues.

Language(s) of Instruction
English

Host Institution Course Number
BMEN10

Host Institution Course Title
TISSUE BIOMECHANICS

Host Institution Course Details
http://bme.lth.se/course-pages/tissue-biomechanics/tissue-biomechanics/

Host Institution Campus
Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering - Biomedical Engineering

Course Last Reviewed
2021-2022

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