

# Biomechanics, basic course

Programme course

6 credits

Biomekanik gk

TMME64

Valid from: 2019 Spring semester

**Determined by**  
Board of Studies for Mechanical  
Engineering and Design

**Date determined**  
2018-08-31

## Main field of study

Mechanical Engineering

## Course level

First cycle

## Advancement level

G2X

## Course offered for

- Mechanical Engineering, M Sc in Engineering
- Design and Product Development, M Sc in Engineering
- Energy-Environment-Management M Sc in Engineering

## Specific information

Cancelled HT19

## Examination

TEN1	Written Examination	3 credits	U, 3, 4, 5
PRA1	Written Report of Project Work	3 credits	U, 3, 4, 5

## Grades

Four-grade scale, LiU, U, 3, 4, 5

## Course literature

David A. Winter, Biomechanics of and motor control of human movement, ed. Wiley, 2009.

Peter Christensen, Computational rigid body mechanics (kompendium, Bokakademin)

## Department

Institutionen för ekonomisk och industriell utveckling

## Director of Studies or equivalent

Peter Schmidt

## Examiner

Joakim Holmberg

## Education components

Preliminary scheduled hours: 40 h

Recommended self-study hours: 120 h

## Course literature

### Books

Winter, David A., (2009) *Biomechanics and motor control of human movement*  
4. ed. Hoboken, N.J. John Wiley and Sons, cop. 2009  
ISBN: 9780470398180

### Compendia

Peter Christensen, Computational rigid body mechanics