

# COURSE DETAIL

## MECHANISMS OF DISEASES

**Country**

Netherlands

**Host Institution**

Utrecht University - University College Utrecht

**Program(s)**

University College Utrecht

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

104

**UCEAP Course Suffix****UCEAP Official Title**

MECHANISMS OF DISEASES

**UCEAP Transcript Title**

MECHANISMS DISEASES

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course examines the relation between the normal functioning (physiology) and disease (pathophysiology) of seven basic organ systems: 1. heart and blood vessels (cardiology, arteriosclerosis), 2. lung (pulmonology), 3. kidney (nephrology), 4. gastro intestinal tract, 5. endocrine glands (endocrinology), 6. the central nervous system, and 7. the reproductive system. To demonstrate the relation between two or more organ systems, the course ends with a study of diabetes, which involves aspects of endocrinology and the cardiovascular and nervous system. Students complete several essays and oral presentations about an aspect of embryology, anatomy, physiology and pathophysiology, and report their findings to the class. The instructor demonstrates a real diagnosis at the University Hospital. Though the course does not emphasize clinical skills, students participate actively during this demonstration. Prerequisites for this course are Molecular Cell Biology and Human and Animal Biology.

## Language(s) of Instruction

English

## Host Institution Course Number

UCSCIMED21

## Host Institution Course Title

MECHANISMS OF DISEASES

## Host Institution Course Details

<https://cursusplanner.uu.nl/course/UCSCIMED21/2019/SEM2>

## Host Institution Campus

Science

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Medicine

**Course Last Reviewed**

2020-2021

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