

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 Campus

Science

Host Institution Faculty

Host Institution Degree

Host Institution Department

Medicine

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