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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