

COURSE DETAIL

HUMAN PHYSIOLOGY

Country

Singapore

Host Institution

National University of Singapore

Program(s)

National University of Singapore

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Health Sciences Biological Sciences

UCEAP Course Number

111

UCEAP Course Suffix**UCEAP Official Title**

HUMAN PHYSIOLOGY

UCEAP Transcript Title

HUMAN PHYSIOLOGY

UCEAP Quarter Units

7.50

UCEAP Semester Units

5.00

Course Description

This course builds an intellectual scaffolding for understanding human anatomy and physiology. The course approaches the subject with an evolutionary and comparative lens so that proximate "how" questions are understood in concert with ultimate "why" questions. Major themes include homeostasis among physiological systems; homology among structures and processes; seeing suboptimal or pathological adaptive solutions as the product of phylogenetic constraints or physiological trade-offs; and human adaptive plasticity in diverse environments. The course pays particular attention to chronic and metabolic pathologies in contemporary urban societies.

Language(s) of Instruction

English

Host Institution Course Number

YSC3265

Host Institution Course Title

HUMAN PHYSIOLOGY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Yale-NUS College

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