

COURSE DETAIL

ANATOMY AND DEVELOPMENT 3

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

100

UCEAP Course Suffix**UCEAP Official Title**

ANATOMY AND DEVELOPMENT 3

UCEAP Transcript Title

ANATOMY & DEVLPMPT 3

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course will give students knowledge and understanding of the anatomy of major human organ systems and limbs, how these structures develop normally and how research in the field is conducted and applied. Students will learn about the anatomy of major human organ systems through a combination of lectures and practical sessions. There will be 14 anatomy lectures in total, complemented by 5 practical classes in which students will use human cadavers to learn the anatomy of the digestive, urogenital, musculoskeletal, cardiovascular and respiratory systems as well as the head and neck. Students will also learn about the embryonic development of major organ systems through a set of nine lectures designed to articulate with the anatomical topics. Lectures will emphasize how research in the field is conducted and how research findings inform our understanding of the development, structure and function of tissues and organs. Students will learn how developmental disorders can arise when developmental processes are dysregulated. Applications of research will also be covered, for example by showing how developing strategies for tissue repair requires an understanding of normal development, as well as the anatomical structure of adult tissues and organs. Emphasis will be placed on the importance of integrative approaches to understanding biological systems. Lectures will be complemented by three workshop or tutorial classes designed to develop students' problem solving skills, integrating anatomical knowledge with interpretations and understanding of experimental research findings.

Language(s) of Instruction

English

Host Institution Course Number

BIME09013

Host Institution Course Title

ANATOMY AND DEVELOPMENT 3

Host Institution Campus

University of Edinburgh

Host Institution Faculty
Host Institution Degree
Host Institution Department Biomedical Sciences

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