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 & DEVLPMT 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

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ANATOMY AND DEVELOPMENT 3

Host Institution Course Details

Host Institution Campus

University of Edinburgh
Host Institution Faculty
Host Institution Degree
Host Institution Department Biomedical Sciences
Course Last Reviewed

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