

Medical Visualisation and Human Anatomy

Glasgow School of Art

Venues

Main Campus

Content

This postgraduate programme is offered by the Digital Design Studio at The Glasgow School of Art in collaboration with the Laboratory of Human Anatomy, University of Glasgow.

The course presents a unique opportunity to combine actual cadaveric dissection with 3D digital reconstruction, interaction and visualisation using state of the art virtual reality facilities. It allows students to examine human anatomy, and to reconstruct it in a real-time 3D environment for use in education, simulation, and training. This programme provides an ideal opportunity for enhancement of research into human anatomy, diagnostics, simulation, and visualisation, and is accredited by the Institute of Medical Illustrators.

Stage 1:

3D modelling and animation; Applications in medical visualisation; Volumetric visualisation;
Core research skills for postgraduates

You can exit after Stage 1 with PgCert Medical Visualisation and Human Anatomy.

Stage 2:

Introduction to anatomy; Structure and function of the human body; Cadaveric dissection techniques.

You can exit after Stage 2 with PgDip Medical Visualisation and Human Anatomy.

Stage 3:

MSc Research Project.

Start Date

September

Qualification

Postgraduate Master's

Study Method

Part time (day)

Award Title

MSc

Course Length

24 -36 months

Department

School of Design

Entry Requirements

A good Honours degree or equivalent in any of the following disciplines: Life sciences, medical or biomedical science, e.g. anatomy, physiology, dentistry or dental technology, forensic anthropology, molecular biological degrees and the allied health professionals; Computer science, 3D visualisation, computer graphics, health informatics, mathematics, and physics; Medical illustration, 3D design, product design, digital media, digital arts, 3D modeling and animation; or equivalent professional practice. Visit GSA website for further details.

SCQF Level

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Address

167 Renfrew Street
Glasgow
G3 6RQ

Website

www.gsa.ac.uk