The programme begins at the end of September each year and can be taken full time over one calendar year, part time over two calendar years or through flexi-study between 2-5 years. You will be able to choose three optional modules to complement your five core modules below which will all be taught in terms 1 and 2.

Find out more about the programme, core and optional modules, how to apply and closing dates using this QR code

Contact us: cgt@ucl.ac.uk

Dr Mark Kristiansen
Programme Director

Dr Haiyan Zhou
Programme Director

Teodora Popa
Teaching Fellow

Sarah Bathie
Education Administration Manager

Examples of past research projects include:

- Using single-nucleus RNA sequencing data from post-mortem brain tissue to understand Alzheimer’s disease
- Therapeutic efficacy of antisense oligonucleotides to target nonsense mutations in Primary Ciliary Dyskinesia
- Epigenetic biomarker discovery in paediatric ALL: a review in the era of personalised medicine
- Development of a base editing platform for genetic skin diseases using Netherton syndrome causative mutations as a prototype
- Epigenetics biomarkers in neurodegenerative diseases: the emerging era of personalised medicine
- Developing pharmacogenomics tools to guide prescribing and dosing of drugs in rare disease patients

Some topics covered in the taught modules on MSc Personalised Medicine and Novel Therapies

- Developmental Biology & Cancer
- Developmental Neurosciences
- Genetics & Genomic Medicine
- Infection, Immunity & Inflammation
- Population, Policy & Practice

Curriculum highlights

- Applied Genomics
- Personalised Medicine 1 and 2
- Novel Therapies: Concept to Clinic
- Computational Biology
- Applied Statistics
- Research project
- Pharmacogenomics
- Clinical genomics, genetics and rare disease
- Molecular aspects of cell and gene therapy
- Clinical applications of cell and gene therapy
- Stem cells and tissue repair
- Cell based immunotherapy

Dr Sarah Bathie
Education Administration Manager