

MSc Clinical & Diagnostic Biochemistry

COURSE FEATURES

This course is designed to provide training in clinical biochemical diagnostics. It will equip a student for a career in clinical laboratory biochemistry and related diagnostic employment including industry.

WHO SHOULD TAKE THIS COURSE?

This course is primarily targeted towards:

- Those holding a minimum 2:1 honours degree in a Biochemistry related discipline, including biochemical genetics. See specific undergraduate degree requirements at www.ucd.ie/medicine/studywithus/graduatestudies/biomedicalsciences/msclinclinicaldiagnosticbiochemistry.
- Those holding a Postgraduate Degree in a relevant discipline (Minimum 30% Biochemistry content). The course is delivered on campus (lectures) and Clinical Placement in Dublin and Regional Hospitals. Students must be prepared to take up places in regional hospitals.

For further information regarding the career of a clinical biochemist please visit

www.acbi.ie;
www.acb.org.uk;
www.rcpath.org

APPLICATION DETAILS

Closing date for all applications (Round 1) will be in early April. A successful interview is a pre-requisite for entry. We expect to interview applicants soon after the closing date.

For information on fees, please check www.ucd.ie/fees

COURSE DETAILS

Major code	X874
Duration	1 year
Schedule	Full-Time
Next intake	September

COURSE DESCRIPTION

This programme will provide graduates with a comprehensive overview of biochemical pathways and their relevance in health and disease states, quality and accreditation of the clinical biochemistry diagnostic service; including experience of clinical translational research and development, applied knowledge and understanding of diagnosis and management of patients from a clinical and scientific perspective and techniques utilised in the practice of diagnostic clinical biochemistry, endocrinology and toxicology.

TEACHING & LEARNING

The MSc Clinical & Diagnostic Biochemistry is scheduled over one calendar year and will be divided into three Trimesters as follows;

Autumn Trimester: 14 Week intensive lecture modules

Spring Trimester: students will be provided with a clinical placement in biochemistry services in one of the major academic teaching hospitals. (NB some placements will be regional academic hospitals, i.e. Cork, Galway, Limerick).

Summer Trimester: Additional experiential learning and clinical translational thesis.

ENTRY REQUIREMENTS

See specific undergraduate degree entry requirements at www.ucd.ie/medicine/studywithus/graduatestudies/biomedicalsciences/msclinclinicaldiagnosticbiochemistry

Or contact: clinicalbiochemistry@ucd.ie