UNIVERSITY OF LEICESTER

Programme Specification (Undergraduate)

FOR ENTRY YEAR: 2021/22

1. Programme title(s) and code(s):

a) BSc Clinical Sciences (Dual Award)*
b) HEDip Clinical Sciences**
c) HECert Clinical Sciences**

* As part of the Dual Undergraduate Programme in Clinical Sciences and Clinical Medicine with Chongqing Medical University

** These awards are only available as exit awards and are not available for students to register onto.

d) HECOS Code

HECOS CODE	%
100270 Medical sciences	100

e) UCAS Code (where required)

Not applicable

2. Awarding body or institution:

University of Leicester

3. a) Mode of study:

Full-time

b) Type of study:

Campus-Based

4. Registration periods:

The normal period of registration is five years

The maximum period of registration is seven years

To note: The total teaching time of the Dual Award Programme is 5 years, the BSc Clinical Sciences Programme is taught in years 2-4 (B-D). The BSc Clinical Sciences tuition is preceded by foundation credits (60) in English Language

5. Typical entry requirements:

These are governed by CQMU and agreed by UoL as follows. For entry onto the dual award:

- Chinese students apply to CQMU using the standard application procedures and application form
- Students have undertaken the National College Entrance Examination of China (Gaokao) relevant to the year of application
- Students are ranked on the overall Gaokao result and the top *n* (where *n* is the recruitment target for that Academic Year) are considered further such that:
    - Successful students have achieved at least 75% of the available marks of the English component of the Gaokao OR an overall IELTS of 5.5* and
    - Passed the required physical examination performed by CQMU (equivalent to an Occupational Health Screen in UK Medical Schools)

*To note: This level of English proficiency has been agreed, subsequent to the signed Implementation Agreement, by UoL (including the Centre for International Training and Education comprising the English Language Teaching Unit) and CQMU such that the two English Language Units delivered by CITE in Year A are standardised for an assessed exit proficiency in English of overall IELTS 6.5 congruent with the required English proficiency level for international students applying to UoL Biological Sciences and Clinical Sciences degrees across the sector. Thus, students passing 60 credits of English Language tuition is an entry requirement to the UoL awarded BSc Clinical Sciences (Years B-D).

6. Accreditation of Prior Learning:

Not applicable/available for this Programme.

7. Programme aims:

- Develop students' engagement with topics at the forefront of medical research and practice
- Develop students' laboratory and research skills through independent and group working
- Prepare students for a range of further study including Graduate Entry Medical (GEM) Programme and other professional training routes such as Physicians Assistants
- Enable students to progress into undergraduate medical training through a competitive process.

8. Reference points used to inform the programme specification:

- Framework for Higher Education Qualifications (FHEQ)
- UK Quality Code for Higher Education
- University Learning Strategy
- University Assessment Strategy
- University of Leicester Periodic Developmental Review Report
- External Examiners' reports (annual)
- United Nations Education for Sustainable Development Goals
- Student Destinations Data

9. Programme Outcomes:

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
(a) Discipline specific knowledge and competencies		
(i) Mastery of an appropriate body of knowledge		
Demonstrate an awareness of the main principles of the central basic medical sciences (to include core anatomy, embryology, physiology, biochemistry, pathology, histology, biochemistry, immunology, microbiology, pharmacology, sociology and psychology), biological sciences and related disciplines and explain their core concepts.	Lectures, group work, tutorials, seminars, practical classes including anatomic dissection, computer classes, discussions, research projects, directed reading, resource-based learning, and private study.	Written examination; practical reports; tutorial assignments; project: diary, analytical report, performance

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
(ii) Understanding and application of key concepts and techniques		
Safely apply appropriate experimental procedures in biological sciences, biomedical sciences and related disciplines. Apply a scientific approach to the solution of problems in the context of the medical and biological sciences and appreciate the rationale of experimental design. Explain related core concepts.	Lectures, group work, tutorials, seminars, practical classes including anatomic dissection, computer classes, discussions, research projects, directed reading, resource-based learning, and private study.	Examination and coursework.
(iii) Critical analysis of key issues		
Critically analyse issues in the context of the basic medical sciences, biological sciences, and related disciplines.	Lectures, group work, tutorials, seminars, practical classes including anatomic dissection, computer classes, discussions, research projects, directed reading, resource-based learning, and private study.	Examination and coursework.
(iv) Clear and concise presentation of material		
Communicate concepts and arguments in basic medical sciences, biological sciences, and related disciplines.	Lectures, group work, tutorials, seminars, practical classes including anatomic dissection, computer classes, discussions, research projects, directed reading, resource-based learning, and private study.	Examination, group work and coursework.
(v) Critical appraisal of evidence with appropriate insight		
Critically analyse evidence from both experimental procedures and the literature.	Lectures, group work, tutorials, seminars, practical classes including anatomic dissection, computer classes, discussions, research projects, directed reading, resource-based learning, and private study.	Examination, analytical report and coursework.
(vi) Other discipline specific competencies		
Assimilate, integrate and apply knowledge and skills from the various medical and biomedical sciences to aid in solving clinical and scientific problems.	Group work, tutorials, practical classes	Examination and coursework.
(b) Transferable skills		
(i) Oral communication		
Communicate orally, with clarity and coherence, concepts and arguments in basic medical sciences, biological sciences, and related disciplines.	Tutorials, seminars, practical classes, computer classes, discussions, fieldwork, research projects, group work.	Oral presentations, group reports and tutorials.

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
(ii) Written communication		
Communicate in writing, with clarity and coherence, concepts and arguments in basic medical sciences, biological sciences, and related disciplines.	Tutorials, seminars, practical classes, computer classes, discussions, fieldwork, research projects, group work.	Examination and analytical report and coursework.
(iii) Information technology		
Use IT for accessing databases and scientific literature; manipulating, processing and presenting data; presenting written assignments.	Lectures, tutorials, seminars, practical classes, computer classes, discussions, fieldwork, research projects, group work, directed reading, resource-based learning, and private study.	Examination and coursework.
(iv) Numeracy		
Manipulate numerical data, solve problems using a variety of methods and apply numerical and statistical techniques to data analysis.	Lectures, group work, tutorials, seminars, practical classes including anatomic dissection, computer classes, discussions, research projects, directed reading, resource-based learning, and private study.	Examination and coursework.
(v) Team working		
Demonstrate the ability to work as part of a group.	Tutorials, group work, research projects.	Group work (including relating to the analytical research project)
(vi) Problem solving		
Apply a scientific approach to the solution of problems in the context of the medical and biomedical sciences and appreciate the rationale of experimental design. Assimilate, integrate and apply knowledge and skills from the various medical and biomedical sciences to aid in solving clinical and scientific problems.	Lectures, group work, tutorials, seminars, practical classes including anatomic dissection, computer classes, discussions, research projects, directed reading, resource-based learning, and private study.	Examination and coursework
(vii) Information handling		
Access appropriate resource materials and to analyse evidence from both experimental procedures and the literature.	Lectures, group work, tutorials, seminars, practical classes including anatomic dissection, computer classes, discussions, research projects, directed reading, resource-based learning, and private study.	Examination, analytical report and coursework
(viii) Skills for lifelong learning		
Demonstrate the acquisition of the skills and attributes necessary for lifelong learning.	Lectures, group work, tutorials, seminars, practical classes including anatomic dissection, computer classes, discussions, research projects, directed reading, resource-based learning, and private study.	Examination, coursework, personal development planning.

10. Progression points:

This programme follows the standard Scheme of Progression set out in Senate Regulation 5 governing undergraduate programmes.

Specifics of progression (including how Senate Regulation 5 will apply at CQMU) are detailed in the Collaborative Operation Handbook.

In cases where a student has failed to meet a requirement to progress, he or she will be required to withdraw from the course.

11. Scheme of Assessment

This programme follows the standard Scheme of Award and Classification set out in Senate Regulation 5 governing undergraduate programmes.

Specifics of assessment (including equivalence of assessments, marks and degree classifications) are detailed in the Collaborative Operation Handbook.

12. Special features:

Completion of Year D in Leicester

The Programme has been established such that all five years of tuition of the Dual Award Programme may be completed at CQMU. However, students will have opportunity, and be encouraged to, complete their Year D studies in Leicester after meeting the usual International requirements, visa requirements and payment of international fees.

13. Indications of programme quality

- External examiner evaluations. The process for which is detailed in the Collaborative Operational Handbook.

14. External Examiner(s) reports

- To be included following receipt of first report.

Appendix 1: Level 4 ,5 and 6 Programme Structure (programme regulations)

BSc Clinical Sciences (Dual Award Programme)

All credit bearing modules are core. Additional required Modules for the CQMU award are shown and carry 0 UoL credits. A Programme Structure diagram is also available.

Year 1/A (Foundation in English Language Modules – Level 3 equivalence)

It is a requirement for entry into the UoL BSc Clinical Sciences element of the Dual Award Programme that a student passes the two English Language Modules.

Semester 1
EL1905 English Language for Academic Purposes (30)

Semester 2
EL1906 English Language for Specific Academic Purposes (30)

CQMU Required Additional Modules

Ideological and Moral Cultivation and Basis of Law (0)
Basic Principles of Marxism (0)
Mental Health Education for College Students (0)
Physical Education (0)
Medical Psychology (0)
Medical Chemistry (0)
Outline of Modern Chinese History (0)
Mao Zedong Thought and Theories of Socialism with Chinese Characteristics (0)
Health Law (0)
Medical Ethics (0)
Preventive Medicine (0)
Literature Retrieval and Clinical Information System (0)
Chinese medicine culture (0)
Innovative thinking (0)

Year 2/B (First year of BSc Clinical Sciences – Level 4)

Semester 1
BS1081 Molecular and Cellular Sciences (30)
BS1082 Applied Medical and Biological Sciences 1 (30)

Semester 2
BS1083 Body Systems 1 (30)
BS1084 Applied Medical and Biological Sciences 2 (30)

CQMU Required Additional Modules

Situation and Policy (0)
Laboratory Diagnostics (0)
Physical Diagnosis (0)

Physical Education (0)
Progress of modern medical research methods (0)
Hospital infection (0)
Positive psychology (0)
Modern medicine logistics management (0)
Introduction to music therapy (0)

Year 3/C (Second year of BSc Clinical Sciences – Level 5)

Semester 1

BS2181	Body Systems 2 (30)
BS2082	Body Systems and Applied Medical and Biological Sciences 3 (30)

Semester 2

BS2083	Body Systems 4 (30)
BS2084	Applied Medical and Biological Sciences 4 (30)

CQMU Required Additional Modules

Situation and Policy (0)
Career Development and Innovation Guidance (0)
Rehabilitation medicine (0)
Epidemiology (0)
Humanities and medicine (0)
Chinese medicine therapy (0)

Year 4/D (Third year of BSc Clinical Sciences – Level 6)

Semester 1

BS3081	Public Health (30)
BS3082	Cardiovascular and Renal Precision Medicine (30)

Semester 2

BS3083	Respiratory and Cancer Precision Medicine (30)
BS3084	Group Analytical Research Project (30)

Year 5/E (CQMU Clinical Experience)

This year is entirely non-UoL credit bearing and comprises the clinical requirements of CQMU (approximately 48 weeks of clinical education) in order to award the CQMU Clinical Medicine Degree