

Programme Specification

BSc Clinical and Medical Science

For students entering Part 1 in September 2027

UFCLINMED

This document sets out key information about your Programme and forms part of your Terms and Conditions with the University of Reading.

Awarding Institution	University of Reading
Teaching Institution	University of Reading
Length of Programme	3 years
Accreditation	N/A
QAA Subject Benchmarking Group	N/A

Programme information and content

This 3-year BSc programme in Clinical and Medical Sciences aims to produce graduates that have the knowledge, skills and professional behaviours and attributes ready for a life-long career working within healthcare. The programme develops a range of clinical skills whilst providing a strong medical science knowledge foundation.

Students will graduate with an array of healthcare aligned experiences, professional skills and research/problem-solving skills, that make them ready for the next steps in their career in healthcare.

Part 1:	The aim of Part 1 of the course is to provide you with a foundation in medical science knowledge and begin your professional skills development. Modules cover a diverse curriculum including biochemistry, physiology, anatomy, pharmacology, microbiology and cell biology, nutrition and public health. You will be provided with diverse opportunities to develop skills that integrate your science knowledge with professional skills required when working in or associated with healthcare, these focus on self-awareness, reflection, and effective communication.
Part 2:	Part 2 of the course allows you to build on your medical science knowledge in anatomy, physiology and pathology, and you will further develop your professional skills. You also study medicine design and administration and use your skills in areas of pathology integrating science and clinical knowledge as you learn about the different healthcare environments. You are provided with a variety of experiential learning experiences that form the focus of your reflective practice. You will also learn with and from other students undertaking different healthcare degree programmes.
Placement/Study abroad year:	Clinical Placements are observational in Part 2 consisting of 3 hour Primary Care and 3 hours in Secondary Care.

Part 3:	The aim of Part 3 of the course is to provide you with opportunities to develop your science knowledge in a direction that aligns with your career aspirations, whilst also strengthening your research and problem-solving skills.
---------	---

Programme Learning Outcomes - BSc Clinical and Medical Science	
During the course of the Programme, you will have the opportunity to develop a range of skills, knowledge and attributes (known as learning outcomes) For this programme, these are:	
	Learning outcomes
1	To demonstrate integration of theoretical and clinical learning when evaluating clinical scenarios
2	To be able to explain scientific concepts linked to medicine
3	To critically evaluate evidence using research and enquiry skills and to apply this to medical science and clinical scenarios.
4	To communicate empathetically to a variety of audiences, with awareness of the appropriate ethical approach required to maintain confidentiality.
5	To critically reflect on your own personal development, showing the ability to evaluate your limitations towards becoming a capable and motivated lifelong learner.
6	To demonstrate appropriate practical skills to solve problem in medical science following safe laboratory practice and showing awareness of limitations of methods used
7	To be able to effectively communicate in writing to a variety of audiences.
8	To be able to articulate methods used to maintain and promote health and wellbeing, as well as to prevent disease.
9	To be able to use scientific concepts linked to medicine to analyse and evaluate scientific data with reference to clinical and medical science scenarios
10	To be able to work effectively within a team and to be able to confidently and empathically support and train others.
11	To plan, conduct and report on an individual research project
You will be expected to engage in learning activities to achieve these Programme learning outcomes. Assessment of your modules will reflect these learning outcomes and test how far you have met the requirements for your degree.	
To pass the Programme, you will be required to meet the progression or accreditation and award criteria set out below.	

In addition to the learning outcomes stated above if you are on a placement or study abroad programme you will have the opportunity to develop the following learning outcome:

Additional Learning outcomes	
N/A	

Module information

Each part comprises 120 credits, allocated across a range of compulsory and optional modules as shown below. Compulsory modules are listed.

Part 1 Modules:

Module	Name	Credits	Level
BI1AP3	Anatomy and Physiology	20	4
BI1FM1	Fundamentals of Microbiology	20	4
BI1HP2	Human Pathology	20	4
PM1PDA	Principles of Drug Action	20	4
PM1PS1	Professional Skills for Healthcare 1	20	4
PM1PY2	Fundamentals of Cell Biology	20	4

All Part 1 modules are compulsory.

Part 2 Modules:

Module	Name	Credits	Level
BI2HI1	Haematology and Immunology	20	5
FB2NEP	Nutritional Epidemiology and Public Health	20	5
PM2IAP	Integrated Anatomy and Physiology	20	5
PM2MHC	Medicines in Healthcare	20	5
PM2PS2	Professional Skills 2	40	5

All Part 2 modules are compulsory.

If you take a year-long placement or study abroad, Part 3 as described below may be subject to variation.

Part 3 Modules:

Module	Name	Credits	Level
PM3RP	Research Project	60	6

The remaining credits will be made up of optional modules taken from the list provided by the School.

Placement opportunities**Placements:**

A hospital tour and two half-day placements (shadowing) experiences are provided during Part 2 of the programme.

Study Abroad:

There are no study abroad opportunities within this programme.

Optional modules:

The optional modules available can vary from year to year. An indicative list of the range of optional modules for your programme can be found online in the Course Catalogue. Details of optional modules for each part, including any additional costs associated with the optional modules, will be made available to you prior to the beginning of the Part in which they are to be taken and you will be given an opportunity to express interest in the optional modules that you would like to take. Entry to optional modules will be at the discretion of the University and subject to availability and may be subject to pre-requisites, such as completion of another module. Although the University tries to ensure you are able to take the optional modules in which you have expressed interest this cannot be guaranteed.

Teaching and learning delivery:

Teaching and learning is delivered in a variety of ways, including interactive lecture-based style, practical skills workshops, case-based learning and small group work, simulated clinical skills training sessions, and seminars.

Elements of your programme will be delivered via digital technology.

The scheduled teaching and learning activity hours and amount of technology enhanced learning activity for your programme will depend upon your module combination. In addition, you will undertake some self-scheduled teaching and learning activities, designed by and/or involving staff, which give some flexibility for you to choose when to complete them. You will also be expected to undertake guided independent study. Information about module study hours including contact hours and the amount of independent study which a student is normally expected to undertake for a module is indicated in the relevant module description.

Accreditation details

This degree is not accredited

Assessment

Assessment methods used will be according to those stated in the module descriptors to align to the learning outcomes. This means the programme is assessed through a combination of written examinations, coursework, oral examinations, and practical examinations.

Progression*Part 1*

To achieve a threshold performance at Part 1, a student will normally be required to:

- (i) Obtain an overall weighted average of 40% over 120 credits taken in Part 1; and

(ii) Obtain a mark of at least 40% in individual modules amounting to not less than 80 credits taken in Part 1; and

(iii) Obtain marks of at least 30% in modules amounting to 120 credits. (A Fail in a Pass/Fail module will be treated as not meeting the minimum threshold requirement for progression or classification. Pass/fail modules are excluded from weighted average calculations but must be passed to avoid failure of the Part or degree.)

In order to progress from Part 1 to Part 2, a student must achieve a threshold performance.

The achievement of a threshold performance at Part 1 qualifies a student for a Certificate of Higher Education if they leave the University before completing the subsequent Part.

Students considering transferring to another programme should seek guidance from their designated Support Centre in the first instance.

Part 2

To achieve a threshold performance at Part 2, a student shall normally be required to:

(i) Obtain a weighted average of 40% over 120 credits taken in Part 2; and

(ii) Obtain marks of at least 40% in individual modules amounting to at least 80 credits taken in Part 2; and

(iii) Obtain marks of at least 30% in individual modules amounting to at least 120 credits. (A Fail in a Pass/Fail module will be treated as not meeting the minimum threshold requirement for progression or classification. Pass/fail modules are excluded from weighted average calculations but must be passed to avoid failure of the Part or degree.)

In order to progress from Part 2 to Part 3, a student must achieve a threshold performance.

The achievement of a threshold performance at Part 2 qualifies a student for a Diploma of Higher Education if they leave the University before completing the subsequent Part.

Classification

Bachelors' degrees

The University's honours classification scheme is based on the following:

Mark Interpretation

70% - 100% First class

60% - 69% Upper Second class

50% - 59% Lower Second class

40% - 49% Third class

35% - 39% Below Honours Standard

0% - 34% Fail

The weighting of the Parts/Years in the calculation of the degree classification is:

Three year programmes:

Part 2: one-third

Part 3: two-thirds

Details of the classification method is given in detail in the [Assessment Handbook](#) under:

- Section 17: Awards (Bachelor's), or
- Section 18: Awards (Integrated Master's programmes). Students who do not progress to Part 4 of the Integrated Master's will normally be subject to the method detailed under Section 17: Awards (Bachelor's)

Please note that there may be a specific version of the above for your year of entry.

Additional costs of the programme

1) Required text books: A wide variety of text books is available from the library. Students are advised to purchase own copies of some core texts at varying costs.

3) Printing facilities are available on campus at approximately £0.05 per page.

4) Travel, accommodation and subsistence: You will need to travel to placements in the local community and this may incur additional travel costs when they are required to visit venues geographically further away.

5) As part of ensuring the safety of students, patients and the public, you will be required to undergo police (Disclosure & Barring Service) and health checks. The initial DBS check costs approximately £55. The health check is currently carried out free of charge, but you will be required to pay for any vaccinations that you may need. Required vaccinations are:

- **Measles, Mumps and Rubella** proof of 2 Vaccinations against Measles, Mumps and Rubella (combined MMR preferable or single vaccines) or Positive blood test results for Measles and Rubella antibodies.
- **Chicken pox (Varicella)** - A confirmed history of having chicken pox (varicella) OR if no confirmed history then we require evidence of 2 vaccinations against varicella or a positive blood test result for Varicella antibodies.
- **Tuberculosis** - Confirmation of no signs or symptoms of Tuberculosis (TB). If coming from a country of high incidence of TB and/or in the UK less than 5 years from such a country, then as per WHO guidelines then the individual must provide evidence of their current TB status e.g. chest x-ray report, mantoux test results, IGRA (quantiferon / t-spot) blood result undertaken.
- **Hepatitis B – (please note this is Placement Provider requirement)** Evidence of your Hepatitis B vaccination status and if they have completed this previously a copies of your Hepatitis B surface antibody status

- If students have not had any Hepatitis B vaccine the University course requires them to commence a course of Hepatitis B vaccination before you can be cleared for placement. Consideration given to those who are non-responders

Costs are indicative and may vary according to optional modules chosen and are subject to inflation and other price fluctuations. Estimates were calculated in 2026.

Students may consider purchasing a laptop to help support their learning. Information on recommended device specifications can be found on the [DTS Student Hub](#).

For further information about your Programme please refer to the Programme Handbook and the relevant module descriptions, which are available at <http://www.reading.ac.uk/module/>. The Programme Handbook and the relevant module descriptions do not form part of your Terms and Conditions with the University of Reading.

BSc Clinical and Medical Science for students entering Part 1 in session 2027/28

18 June 2026

© The University of Reading 2026