Introduction

Clinical Sciences at Bradford is a high-quality, multidisciplinary programme which provides students with integrated understanding of science and health-related issues in preparation for varied careers in healthcare, medicine, teaching, research and the pharmaceutical industry. The emphasis on Personal and Professional Development throughout the programme will provide you with the confidence and transferable skills to engage in effective lifelong learning in your future.
employment. You will also develop research and critical analysis skills which are essential in the ever-changing medical and scientific landscape.

Clinical Sciences is a joint collaborative initiative between the Faculty of Life Sciences at Bradford and the School of Medicine at Leeds and has been designed to widen access for students, from under-represented groups, into medical and healthcare education.

Depending on your qualifications, experience and widening participation characteristics, entry to the programme is either via the Foundation Year or directly into Stage 1 of the BSc. This allows for different rates of development for students from a variety of educational backgrounds. Outreach activities with local schools and colleges are used to encourage able students from a wide range of backgrounds to enter higher education. The diversity of students on the course enriches your learning experience and produces graduates who respond appropriately to cultural and medical needs particularly in the local community.

The programme is informed by research and clinical expertise and offers opportunities for students to visit healthcare and community settings. In addition to a BSc in Clinical Sciences the course offers two routes to the MBChB programme at Leeds.

The majority of students enter Clinical Sciences via the Foundation year and the normal expectation is that you would progress onto Stage 1 of the BSc or proceed onto another programme in this University. In that case you would not be awarded the Foundation Certificate as you would continue your studies and be awarded a Degree (or Certificate/Diploma in Higher Education). If you progress onto Year 1 of the MBChB programme at Leeds or use the Clinical Sciences Foundation Year as a 'stand-alone' qualification for admission to programmes at other Universities, you will be awarded the Foundation Certificate in Clinical Sciences/Medicine.

Opportunities for Clinical Sciences graduates will reflect your balanced portfolio of clinical sciences, health studies, professional and transferable skills. In addition, Clinical Sciences has been proven to be an accepted and popular route into graduate medicine at Medical Schools throughout the UK. Depending on your chosen pathway through the course you will be able to embark upon a graduate career within the NHS including health service management, associate clinician, healthcare assistant and specialist clinical and healthcare scientists. The highly successful Pharmaceutical Industry also offers a wide variety of careers where you will be able to use your knowledge and skills to improve healthcare in the UK or worldwide; these include clinical trials, registration and regulatory affairs. Your degree will also provide you with a sound scientific basis for postgraduate study and a career in teaching or research.

**Programme Aims**

The programme is intended to:

A1 Develop approaches to learning and teaching that are based on curiosity and exploration of knowledge in preparation for lifelong learning and reflective practice.

A2 Encourage autonomous learning, critical analysis and an understanding of the constraints and limitations of clinical and medical research.

A3 Produce graduates with excellent communication, teamwork, problem-solving, organisational and time management skills who are well prepared for employment or further study.
A4 Develop respect for colleagues and clients that encompasses, without prejudice, diversity of background and opportunity, language, culture and way of life.

A5 Equip Foundation Year students with basic biological, chemical, health and social sciences and essential transferable skills that are required for year 1 of Clinical Sciences or the MBChB Course at Leeds.

A6 Develop knowledge and understanding of health and its promotion, healthcare management, the causes and mechanisms of disease, prevention and treatment.

A7 Provide the appropriate skills and knowledge to allow some students to enter the MBChB programme at Leeds at year 1 or 2.

A8 Provide the appropriate skills and knowledge for optional pathways leading to a variety of healthcare and pharmaceutical-based careers.

Programme Learning Outcomes

When you have completed the BSc (Hons) in Clinical Sciences you will be able to:

LO1. Critically evaluate your progress and identify effective action to develop your personal and professional skills in preparation for graduate employment;

LO2. Apply a variety of learning skills including reflective practice, independent learning, problem solving, team-working and leadership skills;

LO3. Research, review and critically evaluate science and health-related data with an appreciation of the uncertainty, ambiguity and limits of scientific knowledge

LO4. Apply subject-specific knowledge to new and familiar problems using effective communication, information retrieval skills and statistical techniques;

LO5. Critically evaluate the scientific basis of disease, its prevention and treatment;

LO6. Critically analyse and interpret issues in healthcare provision;

LO7. Optionally evaluate research-informed topics in: mechanisms of disease and drug action, healthcare and management studies

LO8. Optionally apply your personal and professional skills and knowledge in a related work environment

On completion of this award at Foundation Certificate level, you will be able to:

LO9. Employ reflective practice, team-working and problem-solving skills;

LO10. Assess and reflect on personal and professional growth and recognise the importance of managing your time, self and resources effectively;
LO11. Apply self-directed learning skills to research, review and summarise science and health-related publications;

LO12. Employ oral and written presentation, problem-solving, numerical and laboratory skills;

LO13. Apply fundamental chemistry concepts to biological systems and medical treatments;

LO14. Identify and illustrate core aspects of human biology and anatomy;

LO15. Evaluate the roles of health and social care workers and the NHS;

On completion of this award at Certificate of Higher Education level, you will be able to:

LO16. Assess and reflect on personal and professional growth and understand the importance of managing your time, self and resources effectively;

LO17. Apply self-directed learning skills to research, review and summarise science and health-related publications;

LO18. Employ statistical methods, effective oral and written presentation, problem-solving and team-working skills;

LO19. Evaluate, discuss and apply core aspects of medical and behavioural sciences;

LO20. Appraise the scientific principles of the causes, symptoms, and treatment of cardiovascular, respiratory, renal, reproductive, urogenital and gastrointestinal disease;

LO21. Analyse the ethical and legal issues of healthcare;

On completion of this award at Diploma of Higher Education level, you will be able to:

LO22. Reflect, analyse and take responsibility for your own progress and skills development using effective skills to manage your time, self and resources;

LO23. Develop and evaluate your personal and professional skills in preparation for graduate employment including effective oral and written presentation, problem-solving and team-working skills;

LO24. Research, review and analyse science and health-related literature and experimental data using independent learning skills;

LO25. Evaluate, discuss and apply core aspects of endocrinology and neuropharmacology;

LO26. Critically analyse and interpret health inequalities;

LO27. Optionally evaluate and discuss: clinical science, physiology and anatomy of the sensory and musculoskeletal systems, mechanisms of disease; genetic
factors affecting health and disease, accounting and finance, conventional and alternative therapies;

Curriculum

Depending on your initial qualifications and background, you may enter Clinical Sciences at Stage 1 or via the Foundation Year. You will study 120 credits at all levels of the Programme. The map of your studies is detailed below showing core (C) and optional (O) modules.

The Foundation Year will provide the biological, chemical and numeracy skills required for Stage 1, Clinical Sciences and will provide a transition between The National Qualifications Framework level 3 and the Framework for Higher Education Qualifications level 4. Consideration of health concepts from a psychosocial perspective, the role and responsibilities of health and social care professionals and the consolidation of key skills will enable you to make an informed decision about your career pathway. Students who successfully complete the Foundation year will progress to Stage 1, Clinical Sciences and up to 20 eligible students (i.e. students who fulfil the appropriate widening participation criteria), subject to satisfactory grades (≥ 70% overall and at least 70% in Chemistry with no failed modules), application form and structured interview, may progress into year 1 of the MBChB Programme at Leeds Medical School. The Foundation year is also accepted for entry to other programmes in Life Sciences or Health Studies and other UK Medical Schools.

Stage 1 will mirror the first-year learning outcomes of the MBChB programme at Leeds. You will use an integrated systems-based approach to study physiological systems of the body and disease in addition to the underlying scientific principles and you will address multi-professional healthcare issues and develop your transferable skills. Successful completion of Stage 1 will allow you to either continue with the degree in Clinical Sciences or progress towards medicine. Up to 20 eligible (see above) students may progress into year 2 MBChB Programme at Leeds Medical School subject to satisfactory performance (≥ 60% overall with no failed components or modules), application form and structured interview.

In Stages 2 and 3 of the Clinical Sciences programme you will continue with the themes of systems-based learning, drug action, healthcare issues and mechanisms of disease. Emphasis will be placed on the development of effective communication, cultural awareness and team-working skills to provide you with the confidence and competence to embark on a career in allied health professions. You will be able to select modules from a range of clinical science, health studies and management modules such as physiological control systems, pathology, genetics & health, immunology, complementary therapies, research topics in biomedical science, common diseases & their treatment, health economics, NHS structure, or accounting, subject to necessary prerequisites and timetable requirements. Special study modules will allow you to study a topic in depth and further develop your skills in critical analysis.

You may undertake an optional intercalated placement between stages 2 and 3 which will not be subject to University fees. This will provide valuable experiential learning in a healthcare setting or in the pharmaceutical or biotechnology industries. Not only will this improve your understanding of final year material, it may significantly enhance employment opportunities after graduation.

There are also opportunities to undertake an additional year of study through the International Student Exchange Programme (ISEP) in over 30 countries including
the United States, Ghana, Uruguay and many European Universities. This is an exciting way to enhance your CV in an increasing global environment and develop understanding of other cultures and language skills. There are no tuition fee costs for students on an ISEP exchange, most courses are taught in English and accommodation and meals are based on Bradford prices. Eligibility to study abroad would be dependent on good attendance and an average of 60% in Stage 1 or Stage 2 of the BSc programme. Full details can be found at:

http://www.bradford.ac.uk/study/erasmus-and-international-exchanges/study-abroad.pdf

Stage 0, Foundation year [Level 3/4]

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Module Title</th>
<th>Type</th>
<th>Credits</th>
<th>Level</th>
<th>Study period</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLS3003-B</td>
<td>Chemistry for Clinical Sciences</td>
<td>C</td>
<td>20</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS4007-B</td>
<td>Biology for Clinical Sciences</td>
<td>C</td>
<td>20</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS4006-B</td>
<td>Laboratory and Study Skills for Clinical Sciences/Medicine</td>
<td>C</td>
<td>20</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS3001-B</td>
<td>Health and Society</td>
<td>C</td>
<td>20</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS3002-B</td>
<td>Personal and Professional Development (Foundation)</td>
<td>C</td>
<td>20</td>
<td>3</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS4008-B</td>
<td>Special Studies (Foundation)</td>
<td>C</td>
<td>20</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
</tbody>
</table>

If you have met the regulatory credit requirements and have achieved learning outcomes 9-15 you will be entitled to the award of a Foundation Certificate in Clinical Sciences/Medicine.

Stage 1, [Level 4]

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Module Title</th>
<th>Type</th>
<th>Credits</th>
<th>Level</th>
<th>Study period</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLS4004-C</td>
<td>Integrated Medical Sciences</td>
<td>C</td>
<td>30</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>CLS4005-C</td>
<td>Personal &amp; Professional Development, Society and Health</td>
<td>C</td>
<td>30</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS4002-B</td>
<td>Cardiovascular, Respiratory and Renal Systems</td>
<td>C</td>
<td>20</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS4001-B</td>
<td>Special Studies 1</td>
<td>C</td>
<td>20</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS4003-B</td>
<td>Nutrition and Energy</td>
<td>C</td>
<td>20</td>
<td>4</td>
<td>2</td>
</tr>
</tbody>
</table>
If you have met the regulatory credit requirements and have achieved learning outcomes 16-21 you will be entitled to the award of a Certificate of Higher Education in Clinical Sciences.

**Stage 2 [Level 5]**

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Module Title</th>
<th>Type</th>
<th>Credits</th>
<th>Level</th>
<th>Study period</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLS5005-B</td>
<td>Special Studies 2</td>
<td>C</td>
<td>20</td>
<td>5</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS5004-B</td>
<td>Personal, Career and Professional Development</td>
<td>C</td>
<td>20</td>
<td>5</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>PHA5010-B</td>
<td>Endocrinology and Neurobiology</td>
<td>C</td>
<td>20</td>
<td>5</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>BIS5012-B</td>
<td>Immunology, Haematology and Transfusion Science</td>
<td>O1</td>
<td>20</td>
<td>5</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MAN0106L</td>
<td>Introduction to Accounting and Finance</td>
<td>O1</td>
<td>20</td>
<td>4</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS5003-B</td>
<td>Skin, Sensation and Movement</td>
<td>O2</td>
<td>20</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>BIS5013-B</td>
<td>Clinical and Analytical Biochemistry</td>
<td>O2</td>
<td>20</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>CLS5002-B</td>
<td>Genetics and Health</td>
<td>O3</td>
<td>20</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>BIS5015-B</td>
<td>Pathology</td>
<td>O3</td>
<td>20</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>HWS5005-B</td>
<td>Complementary and Alternative Medicine</td>
<td>O3</td>
<td>20</td>
<td>5</td>
<td>2</td>
</tr>
</tbody>
</table>

If you have met the regulatory credit requirements and have achieved learning outcomes 16-27 you will be entitled to the award of a Diploma of Higher Education in Clinical Sciences.

**Stage 3 [Level 6]**

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Module Title</th>
<th>Type</th>
<th>Credits</th>
<th>Level</th>
<th>Study period</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLS6001-B</td>
<td>Clinical Pharmacology</td>
<td>C</td>
<td>20</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>CLS6002-B</td>
<td>Economics of Healthcare Management</td>
<td>C</td>
<td>20</td>
<td>6</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CLS6003-D</td>
<td>Special Studies and Personal &amp; Professional Development 3</td>
<td>C</td>
<td>40</td>
<td>6</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>BIS6009-B</td>
<td>Research Topics 1 in Medical Biochemistry</td>
<td>O4</td>
<td>20</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>BIS6007-B</td>
<td>Research Topics 1 in Cancer Biology &amp; Therapeutics</td>
<td>O4</td>
<td>20</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>BIS6006-B</td>
<td>Research Topics 1 in Medical Cell Pathology</td>
<td>O4</td>
<td>20</td>
<td>6</td>
<td>1</td>
</tr>
</tbody>
</table>

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The optional modules offered at Stage 3 reflect a progression route which has a scientific focus. However, to provide flexibility to meet both your individual strengths and career aspirations it is possible to replace 20 Credits of specified option modules (O4 or O5) in Stage 3 with an “elective” 20 credits (E) from another programme in Health Studies or Management which fulfils the programme outcomes for Clinical Sciences. This is also subject to you meeting the specified module prerequisites and timetabling constraints.

If you have met the regulatory credit requirements and have achieved learning outcomes 1-7 and 16-27 you will be entitled to the award of a BSc (Honours) degree in Clinical Sciences.

If you have not met the regulatory credit requirements for the award of an Honours degree, but have met the regulatory requirements for the award of an Ordinary degree and have achieved learning outcomes 1-2, 4-7 and 16-27 you will be entitled to the award of a BSc Ordinary degree in Clinical Sciences.

The curriculum may change, subject to the University’s and GMC approval, monitoring and review procedures.

**Teaching and Assessment Strategies**

The learning, teaching and assessment strategies recognise the wide diversity of educational backgrounds with which students may enter the programme and the different exit points of students and graduates. Consequently, a variety of teaching and learning opportunities and assessment methods are used to reflect the differences in learning styles between students and to address the various learning outcomes for the programme outlined on Pages 3 and 4. These are indicated in parentheses in the following section. You are expected to demonstrate greater autonomy in your learning as you progress through the programme. Formative assessments are embedded throughout the programme to monitor your progress (LO 1, 10, 16 and 22). Your knowledge and understanding (LO 4-7, 13-15, 19-21 and 25-27) and discipline skills (LO 3, 4, 11, 12, 17, 18 and 24) are developed through lectures, practicals, groupwork, seminars, tutorials and computer-assisted and self-directed learning. Case studies, groupwork, individual assignments, verbal presentations, problem-based learning and a reflective portfolio will be used to develop your personal transferable skills in self-directed learning and reflective practice in preparation for lifelong learning (LO 1-4, 9-12, 16-18, 22-24). Personal & Professional Development and Special Studies are key themes throughout the programme to enable you to build on essential transferable skills and focus on reflective learning (LO 1-4, 9-12, 16-18, 22-24).
In the Foundation year you will be introduced to basic concepts. You will be assessed by examination for the breadth of knowledge (LO 13-16) and your self-directed learning, presentation skills and group skills will also be assessed (LO 9-12).

In Stage 1 you will acquire and learn to evaluate a broad knowledge of a variety of scientific and healthcare topics, which underpin the BSc in Clinical Science and the MBChB programme at Leeds (LO 19-21). You will begin to develop the appropriate attitudes required for autonomous learning (LO 16-18).

In Stages 2 and 3 you will be able to select a pathway from core and optional modules according to your personal strengths and career aspirations (LO 7, 27). In Stage 2 you will extend your knowledge and understanding in disease processes and the social impact of disease (LO 25-27). You will be more reliant on self-directed learning and be introduced to the analysis and synthesis of information (LO 22-24). This is assessed in an investigative report. At stage 3 you will further develop your specialist subject knowledge and analytical skills (LO 5-7). You will be able to demonstrate this knowledge and analytical skills in essay based examinations, a variety of coursework assignments (LO 4-7) and a substantial critical dissertation (LO 2-4).

**Assessment Regulations**

This Programme conforms to the standard University Regulations which are available at the following link:


Notwithstanding the entrance requirements for entry into the School of Medicine, University of Leeds, students may only progress from Stage 1, Clinical Sciences to year 2 of the MBChB programme at Leeds if they have passed a ‘First Aid at Work’ assessment and undertaken an NHS placement at the end of Stage 1. All students who wish to transfer to Leeds must sit the BioMedical Admissions Test (BMAT) in the same academic year.

**Admission Requirements**

The University welcomes applications from all potential students regardless of their previous academic experience; offers are made following detailed consideration of each individual application. Most important in the decision to offer a place is our assessment of a candidate’s potential to benefit from their studies and of their ability to succeed on this particular programme. Entrance requirements for each programme will vary but consideration of your application will be based on a combination of your formal academic qualifications and other relevant experience.

If you have prior certificated learning or professional experience which may be equivalent to parts of this programme, the University has procedures to evaluate this learning in order to provide you with exemptions from specified modules contained within the curriculum. Please talk to us if you do not fit the standard pattern of entry qualifications.

The University of Bradford has always welcomed applications from disabled students, and these will be considered on the same academic grounds as are
applied to all applicants. We are continually reviewing and developing our practices and policies to make the University more inclusive, but if you are disabled we may need to make some adjustments to make sure that you are not disadvantaged. We would advise you to contact an admissions tutor before you apply to discuss these.

In addition to fulfilling the general admissions requirements of the University of Bradford, you must satisfy the specific admission requirements of the department for either the Foundation year or year 1 of the Clinical Sciences Course. All candidates should offer a minimum of C in English and Mathematics at GCSE (or equivalent) and Biology and Chemistry or Double Award Science at Grade C is required if not offered at a higher level.

Students who fulfil widening access criteria should apply for Foundation year entry only. Our standard offer for the Foundation year to someone seeking entry through the UCAS scheme would be 104 points (new tariff) from a maximum of 3 qualifications including a minimum of 2 A2 subjects at Grade C or above. For entry directly into Clinical Sciences, the minimum admission criterion is 120 points from a maximum of 3 qualifications including A2 Chemistry and A2 Biology at Grade B or above.

BTEC National Diploma candidates should have a minimum of DMM (eligible for Foundation year entry only). Mature applicants with relevant experience and academic potential should contact the Admissions tutor for further advice. Overseas and EU students should also write to the Admissions tutor for guidance as they will not be eligible to transfer to the Medical Course but are encouraged to apply for the Clinical Sciences Programme. Students who do not fulfil widening access criteria can apply for entry to the Foundation year entry or directly into Stage 1 Clinical Sciences however they will not be eligible for transfer to the MBChB programme at Leeds. International students should have IELTS 6.5 in place of English Language with not less than 6 in any sub-category and equivalent qualifications to GCSE in Science and Maths.

On completion of a UCAS form, students are initially selected on the basis of academic potential, motivation and interpersonal skills and offered a structured interview. You will also have the opportunity to meet staff, view the facilities and discuss “the Bradford experience” with current students.

We admit around 145 students each year with the majority of students entering the Clinical Sciences Programme via the Foundation year. Preference will be given to students from our local region, if there is an excess of suitable applicants, and to groups currently underrepresented in the Medical profession. We welcome applications from mature students and students from minority ethnic communities.

**Learning Resources**

The JB Priestley Library on the city campus and our specialist library in the Faculty of Management provide a wide range of printed and electronic resources to support your studies. We offer quiet study space if you want to work on your own, and group study areas for the times when you need to discuss work with fellow students. Subject librarians for each Faculty provide training sessions and individual guidance in finding the information you need for your assignment, and will help you organise your references properly.
Student PC clusters can be found in both our libraries and elsewhere on the campus. Many of these are open 24/7. You can also use the University's wireless network to access the internet from your own laptop. Most of our journals are available online (both on and off campus), and you can also access your University email account, personal information and programme-related materials this way.

Staff are on hand during the daytime to help you if you get stuck, and there is a 24/7 IT helpline available.

As a Clinical Sciences student you will also have access to the Health Sciences library at Leeds and anatomy learning resources in the School of Medicine in addition to the Simulation Suite and Anatomage facility in the Faculty of Life Sciences at Bradford.

**Student Support and Guidance**

**Programme Team**

Support for you personally and in your programme of study, will be provided both by the University and the Programme Team. The Faculty will ensure that there is someone available with whom you feel comfortable to help and support you. There is a strong tutorial support system for all students that is channelled through the Personal and Professional Development modules. You will be allocated a personal tutor who is someone with whom you will be able to talk about any academic or personal concerns; they will also monitor your progress and facilitate your skills development through the programme. Regular feedback on your individual performance will be provided. Students transferring to Leeds will be linked to the Personal Tutor system in the Medical School to facilitate seamless transfer to the MBChB course. The Widening Participation Co-ordinator will advise on the transfer process and you will be given opportunities to meet with current Medical and Clinical Science students who will provide advice and guidance to potential applicants and new students on the programme. Further guidance at all stages is available from Year Tutors, Programme Leader and Examination Officers and you will have individual supervisors for all Special Studies assignments throughout the programme including your final year dissertation.

You will be provided with a comprehensive series of handbooks that you can consult on a range of learning issues and your programme tutors will be available to consult on subject specific queries. The support provided by the Faculty is enhanced by a strong university infrastructure, including particularly the Disabilities Office and the Careers Service, and the Library and Computing facilities. The programme team are very responsive to student feedback though a Staff-Student Liaison Committee which includes the Subject Librarian who relays feedback to IT services.

**Students’ Union**

We value the feedback provided by students and collaborate with the Students’ Union, through a system of Student representatives and formal staff student liaison committees, so that any issues you wish to raise are addressed rapidly.

The Students Union provide professional academic representation and advice. The Students’ Union and the University of Bradford work in partnership to provide
confidential counselling and welfare services where you can get help with any aspect of your personal or academic life. Student Financial and Information Services (based in the Hub) will provide you with information about a diverse range of issues such as council tax, personal safety and tourist information. International Students can access a range of additional advice and support services through the Student’s Union.

**Employability and Career Development**

The University is committed to helping students develop and enhance their employability profile and capabilities through learning opportunities embedded within the curriculum.

Furthermore, the University is committed to supporting students to develop their commitment towards a career pathway(s) and to implementing a career plan. Professional career guidance and development support is available throughout your time as a student and as a graduate from Career Development Services. The support available from Career Development Services includes a wide range of information resources, one to one appointments, a weekly workshop programme, a mentoring programme, graduate recruitment and careers fairs, plus information and help to you find part time work, summer work placements, graduate internship programmes and graduate entry vacancies.

All students are encouraged to access Career Development Services at an early stage during their studies and to use the extensive resources available on their web site [http://www.bradford.ac.uk/careers](http://www.bradford.ac.uk/careers).

Career Development Services annually undertakes a survey of all graduates to find out their destination six months after graduation. The survey gathers data on the employment and further study routes graduates have entered and a range of other information including job roles, name and location of employers, salary details etc. The survey findings for each programme of study are presented on the programme information pages on the University website and via Career Development Services’ website [http://www.bradford.ac.uk/careers](http://www.bradford.ac.uk/careers).

Employability and skills development in Clinical Sciences is focused through Personal and Professional Development modules which you take in all years of the programme. You will apply the knowledge, skills and attitudes developed during the programme to your extra-curricular activities and reflect and build on your experiential learning. [http://www.bradford.ac.uk/careers/students-and-graduates/employability/](http://www.bradford.ac.uk/careers/students-and-graduates/employability/)

These objectives will be achieved by:

- Managing your skills development and performance via a Personal Development Portfolio with ongoing feedback given by your personal tutor. This is summatively assessed at the end of each academic year;
- Planning your extra-curricular experience to complement your academic study and undertaking clinical and health-related placements and voluntary work as part of the programme. You will reflect on these experiences in your portfolio to further develop your skills.
• Developing appropriate professional values and attitudes which are underpinned by medical ethics, communicating with patients and health and social inequalities;
• Developing your individual presentation skills in the Foundation year and Stage 1 Clinical Sciences and application of these skills to present case studies, reports, posters and your dissertation in Stages 2 and 3;
• Studying group dynamics and teamworking in the Foundation year and Stage 1 Clinical Sciences, using study groups to learn and undertaking group assessments throughout the programme;
• Using problem-solving, decision-making and collaborative learning to study patient case studies and diseases;
• Applying independent learning and novel research in your Special Studies assignments including a substantial dissertation;
• Evaluating key aspect of healthcare management and health economics in Stage 3 Clinical Sciences with an option to study accounting and finance on the programme;
• Developing your research and negotiation skills, and use of IT in your Special Studies assignments;

Clinical Sciences staff work closely with the Career Development Services who will provide advice and guidance with your career planning in the second and third years. Many students in the Foundation year and Stage 1 also use the Careers Service for advice prior to the Leeds transfer interviews. Our Course Management team also includes a Careers Advisor who also is a personal tutor for some Foundation year and Stage 1 students. Other Careers staff also contribute to the programme by leading sessions on leadership and teamwork in the Foundation year and Stage 1. In addition, all students take a bespoke Careers course and assessment as part of the Personal, Career and Professional Development module in Stage 2.

Learner Development Unit for Academic Skills Advice

For undergraduate students who are looking to improve their marks during their time at university, study skills and maths advice is available to all regardless of degree discipline or level of study. Students can access a programme of interactive workshops and clinics which is delivered throughout the year. This is in addition to our extremely popular face-to-face guidance from our advisers, who also offer a wide range of online and paper based materials for self-study.

http://www.bradford.ac.uk/academic-skills/index.php

Disability

Disabled students will find a supportive environment at Bradford where we are committed to ensuring that all aspects of student life are accessible to everyone. The Disability Service can help by providing support, advice and equipment to help you get the most out of your time at Bradford. It is a place where you can discuss any concerns you may have about adjustments that you may need, whether these relate to study, personal care or other issues. For more information contact the Disability Service by phoning: 01274 233739 or via email: disabilities@bradford.ac.uk

University policies and initiatives

Learning and Teaching
Our University approach to learning, teaching and assessment is encapsulated by an integrated set of themes and principles within our Curriculum Framework. All of our degree programmes have been designed to provide you with an inclusive and engaging learning environment which gives you the opportunity to thrive and develop in your area of study. Our research-informed programmes have a particular focus on developing your employability. We also place a strong emphasis on collaborative, real-world and enquiry-based learning, supported by appropriate learning technologies. Our assessment is designed not just to measure your achievement, but also to shape and guide your learning through preparing you for the increasing level of challenge as you progress through your degree. Together, these lead to you developing a distinctive set of graduate attributes which will prepare you for life beyond university.

Ecoversity:
Ecoversity is a strategic project of the University which aims to embed the principles of sustainable development into our decision-making, learning and teaching, research activities campus operations and lives of our staff and students. We do not claim to be a beacon for sustainable development but we aspire to become a leading University in this area. The facilities we create for teaching and learning, including teaching spaces, laboratories, IT labs and social spaces, will increasingly reflect our commitments to sustainable development. Staff and student participation in this initiative is crucial to its success and its inclusion in the programme specification is a clear signal that it is at the forefront of our thinking in programme development, delivery, monitoring and review. For more details see http://www.bradford.ac.uk/about/ecoversity/

Further Information:
For further information, please check the University prospectus or contact Admissions.

The Admissions Office
The University of Bradford
Richmond Road
Bradford, BD7 1DP
UK
+44 (0)1274 233054
http://www.bradford.ac.uk/study/our-courses/

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Faculty of Life Sciences
The University of Bradford
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Bradford, BD7 1DP
UK
+44 (0)1274 234290
http://www.bradford.ac.uk/life-sciences/medical-sciences/

The contents of this programme specification may change, subject to the University’s regulations and programme approval, enhancement and review procedures.