



LEEDS
BECKETT
UNIVERSITY

Course Specification

MSc Applied Biomedical Science Research

Course Code: MSABR

2022/23

leedsbeckett.ac.uk

MSc Applied Biomedical Science Research (MSABR)

Applicant Facing Course Specification for 2022/23 Postgraduate Entrants

Confirmed at 14/02/2022

General Information

Award	Master of Science Applied Biomedical Science Research MSABR
Contained Awards	Post Graduate Certificate Applied Biomedical Science Research Post Graduate Diploma Applied Biomedical Science Research
Awarding Body	Leeds Beckett University
Level of Qualification & Credits	Level 7 of the Framework for Higher Education Qualifications, with 180 credit points at Level 7 of the Higher Education Credit Framework for England.
Course Lengths & Standard Timescales	Start dates will be notified to students via their offer letter. The length and mode of delivery of the course is confirmed below: <ul style="list-style-type: none">• 1 year (full time)
Location(s) of Delivery	City Campus, Leeds
Entry Requirements	Admissions criteria are confirmed in your offer letter. Details of how the University recognises prior learning and supports credit transfer are located here: www.leedsbeckett.ac.uk/student-information/course-information/recognition-of-prior-learning
Course Fees	Course fees and any additional course costs are confirmed in your offer letter. Fees enquiries may be directed to Fees@leedsbeckett.ac.uk .

Timetable Information

Timetables for Semester 1 will be made available to students during induction week via:

- i) The Student Portal (MyBeckett)
- ii) The Leeds Beckett app

Any difficulties relating to timetabled sessions may be discussed with your Course Administrator.

Policies, Standards and Regulations (www.leedsbeckett.ac.uk/academicregulations)

120 credit research project, rather than 60 credit. Graduates in Biosciences often progress to M level study, some with a view to a career in research and development. Students wanting a research oriented career will benefit from an M level course whose primary focus is on the development of research skills. The MSc Applied Biomedical Science Research provides a core of M level modules which develop the students' skills in research and critical evaluation, together with a large research project. The course will provide a solid basis for any students wishing to progress to a PhD and a career in scientific research.

Distinction will be awarded to those students who have demonstrated excellent performance as evidenced by the attainment of an average of 70% or more in assessments contributing to the final award. Merit will be awarded to those students who have demonstrated excellent performance as evidenced by the attainment of an average of 60% or more in assessments contributing to the final award.

Key Contacts

Your Course Director	Dr Donna Johnson
Your Academic Advisor	To be allocated on arrival
Your Course Administrator	healthsciences@leedsbeckett.ac.uk

Professional Accreditation or Recognition Associated with the Course

Professional Body Royal Society of Biology (RSB)

Accreditation/ Recognition Summary

This programme has been accredited by the Royal Society of Biology. Masters Accreditation by the Society recognises programmes that support the development of specific skill sets, competencies and training which will enhance life and health science research. Programmes submitted for accreditation must satisfy the general requirements for Advanced Accreditation, which includes a significant period of practice.

The RSB is the leading professional body for the biological sciences in the UK. The Society represents over 18,000 biologists from all areas of the life sciences, as well as over 100 organisations which make up the diverse landscape of biology in the UK and overseas. The RSB offers members unique opportunities to engage with the life sciences and share their passion for biology.

Graduates from an RSB accredited MSc receive one year of free Associate membership of the RSB which will open up networks at a crucial time when applying for jobs.

Whichever area of biology you wish to gain a career in, membership will help you:

- Stay up to date with what is happening across the life sciences
- Gain additional recognition for your skills and experience
- Develop your professional network
- Demonstrate your support for the future of biology

Course Overview

Aims

This programme of academic study will develop reflective learners able to take responsibility, and be accountable for, the process of their learning and its practical application. This will lay the foundation for career-long professional development and lifelong learning to support best professional practice and the maintenance of professional and personal standards and aspirations.

The aims of the Masters in Applied Biomedical Science Research are:

- To broaden knowledge and understanding of the methods and implications of research in biomedical sciences
- To develop an appreciation for the breadth and depth of research within the wider context of biomedical sciences
- To develop scientists with a global awareness of key issues and developments within biomedical sciences and how they apply to their specific field of research
- To develop professional, research-oriented scientists with excellent communications skills
- To develop advanced technical and analytical skills to provide a basis for a career in scientific research
- To develop independent, reflective lifelong learners with a creative and flexible approach to research

Course Learning Outcomes

At the end of the course, students will be able to:

1	Locate, critically evaluate and assess current research in Biomedical Sciences and relate them to existing theoretical frameworks.
2	Plan, carry out and analyse a substantial piece of individual, hypothesis-driven research with the consideration and implementation of appropriate research strategies, and effectively communicate the results in a variety of formats, including an oral defence of the work.
3	Develop the capacity to manage an independent research project in a creative and flexible way through the application of a range of transferrable skills including problem solving, decision making, time management, organisation, and communication.
4	Evaluate relevant research methodologies independently to facilitate undertaking a substantial research project and demonstrate the ability to apply them practically in a laboratory setting.
5	Develop a critical awareness of the current and developing research in their field of research and use this to understand the context of their individual work and propose novel approaches to further the knowledge base.
6	Demonstrate a critical appreciation of the research process and research methodologies appropriate for advanced research in their field of study.

Teaching and Learning Activities

Summary

The Biomedical Sciences masters courses recognise the need for inclusion and aim to provide students with an experience of learning which enhances their inter-cultural awareness, attitudes and abilities.

A variety of learning and teaching strategies are used enabling students from a diverse range of backgrounds to participate and achieve effectively. Methods of delivery differ, from formal lectures to tutorials and

workshops, laboratory practicals, on line activities both as part of a classroom activity or independently, to ensure that all students can adopt an approach which is right for them, with guidance from their Academic Advisor.

Module tutors have a broad range of backgrounds and experiences, which inform the content and style of their teaching- many have been health professionals or worked in industry before becoming academics. Both the philosophy of the course and the specific activities outlined above ensure that, on completion, students will have a well-developed awareness of their how their values and culture impacts upon the people they will work with.

Your Modules

This information is correct for students progressing through the programme within standard timescales. Option modules listed are indicative of a typical year. There may be some variance in the availability of option modules. Students who are required to undertake repeat study may be taught alternate modules which meet the overall course learning outcomes. Details of module delivery will be provided in your timetable.

Semester 1	Core	Semester 2	Core	Semester 3	Core
Preparation for the MSc research project (10c)	Y	Professional Development (10c)	Y		
Science Communication (10c)	Y				
Advanced Practical Skills in Biomedical Science (30c)			Y		
		Research Project (120c)			Y

Assessment Balance and Scheduled Learning and Teaching Activities

The assessment balance and overall workload associated with this course are calculated from core modules and typical option module choices undertaken by students on the course. They have been reviewed and confirmed as representative by the Course Director but applicants should note that the specific option choices students make may influence both assessment and workload balance.

A standard module equates to 200 notional learning hours, which may be comprised of teaching, learning and assessment, any embedded placement activities and independent study. Modules may have more than one component of assessment.

Assessment

On this course students will be assessed via a range of assessment activities including a lab exam, coursework and written exams. In addition, students must produce a masters thesis detailing the results of their research project.

Workload

The number of hours of workload generally equates to 1800 for Masters programmes, 1200 for PG Diplomas and 600 for PG Certificates, corresponding to the national standard of 10 notional hours of learning for each UK HE credit point.

Approximate Overall Workload for the Course	
Teaching, Learning and Assessment	204 hours
Independent Study (including guided independent study for research project)	1596 hours

Learning Support

If you have a question or a problem relating to your course, your Course Administrator is there to help you. Course Administrators work closely with academic staff and can make referrals to teaching staff or to specialist professional services as appropriate. They can give you a confirmation of attendance letter, and a transcript. You may also like to contact your Course Rep or the Students' Union Advice team for additional support with course-related questions.

Student Services

If you have any questions about life at University, call into our Student Services Centre at either campus or contact Student Advice directly. This team, consisting of trained officers and advisers are available to support you throughout your time here. They will make sure you have access to and are aware of the support, specialist services, and opportunities our University provides. They also work on a wide range of projects throughout the year all designed to enhance your student experience and ensure you make the most of your time with us. Student Advice are located in the Student Services Centre in the Leslie Silver Building at City Campus and on the ground floor of the Priestley Building at Headingley Campus. The team can also be contacted via email at studentadvice@leedsbeckett.ac.uk, telephone on 0113 812 3000, or by accessing our online chat link, available on the student homepage.

Support and opportunities

Within MyBeckett you will see two tabs (Support and Opportunities) where you can find online information and resources for yourselves. The Support tab gives you access to details of services available to give you academic and personal support. These include Library Services, the Students' Union, Money advice, Disability advice and support, Wellbeing, International Student Services and Accommodation. There is also an A-Z of Support Services, and access to online appointments/registration.

The Opportunities tab is the place to explore the options you have for jobs, work placements, volunteering, and a wide range of other opportunities. For example, you can find out here how to get help with your CV, prepare for an interview, get a part-time job or voluntary role, take part in an international project, or join societies closer to home.