UNIVERSITY OF WOLVERHAMPTON

Course Specification

Published Date:	13-Jul-2026
Produced By:	Haiden Novis
Status:	Validated

Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	School of Pharmacy and Life Sciences		
Course Code(s):	BM056U01UM	Full-time	2 Years
UCAS Code:	B190		
Course Title:	BSc (Hons) Medical Sciences (Accelerated)		
Hierarchy of Awards:	Bachelor of Science with Honours Medical Sciences Bachelor of Science Medical Sciences Diploma of Higher Education Medical Sciences Certificate of Higher Education Medical Sciences University Statement of Credit Medical Sciences		
Language of Study:	English		
Date of DAG approval:	14/Sep/2026		
Last Review:			
Course Specification valid from:	2025/6		
Course Specification valid to:	2031/2		

Academic Staff

Course Leader:	Dr Elizabeth O'Gara
Head of Department:	Dr Elizabeth O'Gara

Course Information

Location of Delivery:	University of Wolverhampton
Category of Partnership:	Standard Provision (Not delivered in partnership)
Teaching Institution:	University of Wolverhampton
Open / Closed Course:	This course is open to all suitably qualified candidates.

Entry Requirements:

Entry requirements are subject to regular review. The entry requirements applicable to a particular academic year will be published on the University website (and externally as appropriate e.g. UCAS

We will consider applicant educational achievements, predicted grades, work experience and personal statement.

- UCAS: BBB at A2 including 2 in science subjects. Accepted science subjects are Biology, Chemistry or Physics
- BTEC Extended Diploma: DMM in Science
- Access to HE Diploma (Science): 120 UCAS points
- T Level: Science, Healthcare Science at grade M
- GCSEs: 5 at grade C/4 with Maths and English at Grade B/5

International entry requirements and application guidance can be found at http://www.wlv.ac.uk/international/apply

- English language requirements also apply. This course requires IELTS: 6.5 with no component lower than 6.0 or equivalent.

Distinctive Features of the Course:

This award delivers an in-depth exploration of biomolecular science, anatomy and physiology, and the mechanisms of human health and disease, with a strong emphasis on applying scientific knowledge to clinical practice, bridging the gap between laboratory research and patient care. The course has strong focus on applied, real world learning and is closely aligned with current developments in biomedical research.

The course offers a distinctive interdisciplinary approach, combining systems of the human body, and biomedical science, with embedded development of research and professional skills opportunities. You will study key biomedical disciplines, alongside evolving topics such as emerging infectious disease, personalised and regenerative medicine and neurotechnology.

Learning is delivered through research-informed modules, including interactive teaching, and authentic problem-solving activities. The learning environment is engaging and supportive, developing both scientific expertise and professional identity. Connecting theory and practice, the course design ensures that you will gain the skills and confidence to work in a range of health and science settings.

Over the course of your studies, you will develop a deep understanding of human health and disease, underpinned by laboratory, clinical and research experience. You will build transferable skills in data analysis, critical thinking, and scientific communication, alongside practical and clinical competencies relevant to healthcare and research settings.

The course team’s strong employer and clinical links will provide opportunities for guest lectures, mentoring, and networking, helping you to make informed career choices. By graduation, you will be equipped with the medical scientific and knowledge, professional awareness, and networks needed to progress into roles across healthcare science, research, diagnostics, or related fields.

Strengthening your clinical reasoning, problem-solving, and research skills, successful completion of this accelerated degree will demonstrate your commitment, resilience, and readiness for the demands of graduate-entry medicine, while preparing you for the intensity of medical school. On completion, you will be eligible to apply for UK or international graduate-entry medicine programmes.

Educational Aims of the Course:

Intakes:

September

January

Major Source of Funding:

Office for Students (OFS)

Tuition Fees:

Tuition fees are reviewed on an annual basis. The fees applicable to a particular academic year will be published on the University website.

Year	Status	Mode	Amount
2017/8	H	Full Time	£9250.00
2017/8	Overseas	Full Time	£11475.00
2017/8	EU	Full Time	£9250.00
2018/9	H	Full Time / Sandwich	£9250.00
2018/9	Overseas	Full Time / Sandwich	£11700.00
2018/9	EU	Full Time / Sandwich	£9250.00
2019/0	H	Full Time / Sandwich	£9250.00
2019/0	Overseas	Full Time / Sandwich	£12000.00
2019/0	EU	Full Time / Sandwich	£9250.00
2020/1	H	Full Time / Sandwich	£9250.00
2020/1	Overseas	Full Time / Sandwich	£12250.00
2021/2	H	Full Time / Sandwich	£11100.00
2021/2	Overseas	Full Time / Sandwich	£20175.00
2022/3	H	Full Time / Sandwich	£11100.00
2022/3	Overseas	Full Time / Sandwich	£20675.00
2023/4	H	Full Time / Sandwich	£11100.00
2023/4	Overseas	Full Time / Sandwich	£21925.00
2024/5	H	Full Time / Sandwich	£11100.00
2024/5	Overseas	Full Time / Sandwich	£
2025/6	H	Full Time / Sandwich	£11440.00
2025/6	Overseas	Full Time / Sandwich	£
2026/7	H	Full Time / Sandwich	£11750.00
2026/7	Overseas	Full Time / Sandwich	£26400.00

PSRB:

None

Course Structure:

January (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
4BM042	Molecular and Cell biology	30	SEM3	Core
4BM043	Introduction to Human Anatomy and Physiology	30	SEM2	Core
4BM044	Infection and Immunity	30	SEM2	Core
4BM041	Succeeding at University in Medical Sciences	30	CRYRA	Core

January (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
5BM088	Professional Development in Medical Sciences	30	YEAR	Core
5BM091	Human Anatomy and Physiology	30	SEM1	Core

January (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
6BM069	Medical Pharmacotherapy	30	SEM3	Core
5BM089	Nutrition, Metabolism, and Public Health	30	SEM2	Core
5BM090	Clinical Practice and Communication	30	SEM2	Core
6BM070	Neuroscience and Ageing	30	SEM3	Core

January (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
6BM067	Research Project	30	CRYRA	Core
6BM068	Molecular Cell Pathology	30	SEM1	Core

September (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
4BM042	Molecular and Cell biology	30	SEM1	Core
4BM043	Introduction to Human Anatomy and Physiology	30	SEM2	Core
4BM044	Infection and Immunity	30	SEM2	Core
4BM041	Succeeding at University in Medical Sciences	30	YEAR	Core
5BM089	Nutrition, Metabolism, and Public Health	30	SEM3	Core
5BM090	Clinical Practice and Communication	30	SEM3	Core

September (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
6BM068	Molecular Cell Pathology	30	SEM2	Core
6BM069	Medical Pharmacotherapy	30	SEM3	Core
5BM088	Professional Development in Medical Sciences	30	CRYRA	Core
5BM091	Human Anatomy and Physiology	30	SEM1	Core
6BM070	Neuroscience and Ageing	30	SEM3	Core
6BM067	Research Project	30	CRYRA	Core

Please note: Optional modules might not run every year, the course team will decide on an annual basis which options will be running, based on student demand and academic factors, to create the best learning experience.

Learning, Teaching and Assessment

Regulations Exemption:

N/A

Reference Points:

UK Quality Code for Higher Education

Qualifications and Credit Frameworks

Subject Benchmark Statements

University Policies and Regulations

Equality Act 2010: guidance - GOV.UK

Overview of Assessment:

Learning Outcomes	Modules
CERTHE01 Demonstrate knowledge of the underlying concepts, theories and principles associated with your area(s) of study. (Knowing)	4BM042 Molecular and Cell biology 4BM043 Introduction to Human Anatomy and Physiology 4BM044 Infection and Immunity
CERTHE02 Evaluate, interpret and apply data, to develop ideas and discussion in your subject(s) of study. (Knowing)	4BM042 Molecular and Cell biology 4BM043 Introduction to Human Anatomy and Physiology 4BM044 Infection and Immunity
CERTHE03 Use different approaches to solving problems related to your area(s) of study (Doing)	4BM042 Molecular and Cell biology 4BM043 Introduction to Human Anatomy and Physiology 4BM044 Infection and Immunity
CERTHE04 Communicate the results of your study/work accurately and reliably, and with structured and coherent arguments (Doing)	4BM042 Molecular and Cell biology 4BM043 Introduction to Human Anatomy and Physiology 4BM044 Infection and Immunity
CERTHE05 Identify and undertake further training and develop new skills to support your learning (Being)	4BM041 Succeeding at University in Medical Sciences
CERTHE06 Identify personal qualities and transferable skills necessary for further study and/or employment (Being)	4BM041 Succeeding at University in Medical Sciences 4BM044 Infection and Immunity
DIPHE01 Demonstrate knowledge and application of the concepts and principles of your area(s) of study. (Knowing)	5BM089 Nutrition, Metabolism, and Public Health 5BM090 Clinical Practice and Communication 5BM091 Human Anatomy and Physiology
DIPHE02 Demonstrate the application of those principles in an employability and/or professional practice context. (Knowing)	5BM088 Professional Development in Medical Sciences 5BM089 Nutrition, Metabolism, and Public Health 5BM090 Clinical Practice and Communication
DIPHE03 Identify and use methods of enquiry in the subject(s) and evaluate the appropriateness of different approaches to solving problems in study. (Doing)	5BM089 Nutrition, Metabolism, and Public Health 5BM090 Clinical Practice and Communication 5BM091 Human Anatomy and Physiology
DIPHE04 Use a range of new and established techniques to explore and critique data and sources of information, to solve problems within your subject (Doing)	5BM089 Nutrition, Metabolism, and Public Health 5BM090 Clinical Practice and Communication 5BM091 Human Anatomy and Physiology
DIPHE05 Effectively communicate information, arguments and analysis in a variety of forms to specialist and non-specialist audiences. (Being)	5BM088 Professional Development in Medical Sciences 5BM089 Nutrition, Metabolism, and Public Health 5BM090 Clinical Practice and Communication
DIPHE06 Show personal responsibility and decision-making to developing existing skills and acquire new competences that will enable you to reach your employability goals. (Being)	5BM088 Professional Development in Medical Sciences 5BM089 Nutrition, Metabolism, and Public Health 5BM090 Clinical Practice and Communication
BHONS01 Apply core knowledge of the structure, function, and inter-relationships of human body systems, for critical discussion of pathophysiological changes through development, ageing, and disease. (Knowing)	6BM068 Molecular Cell Pathology 6BM069 Medical Pharmacotherapy 6BM070 Neuroscience and Ageing
BHONS02 Discuss biochemical, genetic, and cellular mechanisms underlying health and disease, and relate these to diagnostic, pharmacological, and therapeutic principles. (Knowing)	6BM068 Molecular Cell Pathology 6BM069 Medical Pharmacotherapy 6BM070 Neuroscience and Ageing
BHONS03 Demonstrate competent clinical and practical skills, working safely and following guidelines, and understand various aspects of healthcare and laboratory provisions for effective communication with users (Doing)	6BM067 Research Project 6BM068 Molecular Cell Pathology 6BM069 Medical Pharmacotherapy

Learning Outcomes	Modules
BHONS04 Initiate and carry out an independent project, using appropriate scientific methods and data interpretation techniques, and critically evaluate evidence and arguments to communicate effectively to both specialist (Doing)	6BM067 Research Project
BHONS05 Practise with professional integrity, ethical awareness, empathy, and respect for inclusive interactions with peers and service users. (Being)	6BM069 Medical Pharmacotherapy 6BM070 Neuroscience and Ageing
BHONS06 Reflect on personal and professional development to support lifelong learning, effective teamwork, management and leadership in clinical and scientific contexts. (Being)	6BM067 Research Project 6BM069 Medical Pharmacotherapy

Teaching, Learning & Assessment Strategy/(Learning and Teaching):

You will gain a strong foundation in medical and biomedical sciences developed through exposure to a range of disciplines and hands-on laboratory experience. Core anatomy and physiology, and health and disease modules will be taught in a clinically relevant context, enabling you to apply your knowledge to understand what happens when the body goes wrong in disease, as well as how conditions are diagnosed and treated. You will revisit topics throughout the course, each time explored in greater depth, to reinforce and expand your understanding. As the course progresses, teaching methods will progress to provide comprehensive coverage of the knowledge and clinical skills required for progression to a medical degree or other patient centre post graduate courses. In-person and online learning activities will complement one another, creating a flexible, inclusive, and engaging learning experience. Innovative and varied teaching methods will combine lectures, laboratory practicals, case-based discussions, and clinical and communication skills workshops with learning enhanced by advanced technologies, including simulation, and virtual reality tools. Online activities, which include recorded lectures, guided self-study resources, quizzes and discussion forums, that can be accessed at any time. This blended approach ensures that you can engage with material at your own pace, and revisit key concepts for consolidation. Multiple ways to engage with learning are offered, supporting a wide range of learning preferences and needs. You will be supported to develop the academic and digital skills needed to succeed in all aspects of your degree, including group work, research, and independent study. Skills development is embedded within early modules, with workshops in academic writing, scientific reading, data interpretation, referencing, and critical evaluation of evidence. Digital confidence is built through guided use of platforms such as Canvas, library databases, clinical data resources, data analysis software, and 3D anatomy tools. Collaborative learning will be supported through team-based practicals and case studies, while research skills are developed through scaffolded assessments and the final-year project. Ongoing guidance from tutors will ensure that you receive tailored support as you progress through the programme. Practice-informed learning is embedded throughout the degree to help you apply academic knowledge in real-world contexts. Clinical skills simulation, case-based learning, and community-focused activities will develop professional communication and practical competencies. Employer talks and applied research projects will further strengthen links between your academic study and professional practice. Guidance on ethical digital practice will be integrated through sessions on academic integrity, data protection, and responsible use of technology, including AI tools for research support. You will learn to critically evaluate digital sources, use data ethically, and understand issues around bias, privacy, and transparency in healthcare and research

Assessment Methods/Assessments:

Assessments are carefully structured to support learning throughout the course and incorporate a wide variety of formats, including laboratory reports, case studies, presentations, reflective writing, practical and clinical competency assessments, and examinations. This balanced approach ensures a manageable workload while giving you multiple opportunities to demonstrate your knowledge, skills, and strengths in different ways.

Formative activities, early submissions, and supported practice tasks are built into modules to help you develop key skills and gain confidence before completing summative assessments. These may include

data interpretation exercises, quizzes, laboratory write-ups, mini-presentations, and practice competency assessments, all designed to provide timely feedback that supports reflection and improvement.

Assessments are designed to be developmental, with step-by-step support embedded throughout the course. Early tasks guide you as you practise analysing scientific and clinical data, interpreting results, and evaluating evidence, helping to build critical thinking skills. As you progress, more advanced assessments such as case studies, independent research projects, and applied health challenges enable you to apply these skills to real-world contexts, construct evidence-based arguments, and communicate scientific ideas with confidence. This scaffolded approach ensures you can meaningfully connect theory to practice and make well-reasoned professional decisions.

The assessment design is inclusive and accessible, offering varied formats, clear guidance, and transparent marking criteria to support diverse learning needs. Reasonable adjustments will be made where required, and resources will be provided to enable everyone to engage successfully and demonstrate their full potential.

You are encouraged to personalise your assessments by choosing topics, case studies, or research projects that reflect your own interests and career aspirations. Wherever possible, assessments model professional practice, such as analysing patient cases, undertaking applied research, or presenting findings to audiences. This ensures that you develop skills directly relevant to your chosen career pathway and future professional goals.

Further Information for Student:

The University provides a wide range of academic and pastoral support to help students succeed in their studies and personal development. This includes access to the Library and Skills for Learning service, academic coaching for Level 3 and 4 students, and tailored advice from the Careers and Enterprise teams. Students also benefit from 24/7 wellbeing support through WLV Student Life Connect, pastoral care via the Multi-faith Chaplaincy, and assistance from the Mental Health and Wellbeing team. Support is also available for accessibility, disability and inclusion, financial hardship, safeguarding and support to study. Those living in university accommodation have additional access to Residential Life support, and all students can engage with the Students' Union for advocacy, societies, and further peer-led services.

Currency:

Personalisation Opportunities:

Employability in the Curriculum/Employability and Professional Development:

The course offers structured opportunities to explore a wide range of career pathways, including biomedical research, healthcare, pharmaceutical roles, and graduate-entry medical training. A selection of modules provides the essential academic foundation for these areas, while practice-based learning, through clinical skills simulations, case-based learning, groupwork, and applied research projects, ensures hands-on experience. Employer talks, careers workshops, work-based placement and optional volunteering will give insight into workplace expectations and career routes. In your final-year research project, you will independently engage with discipline-specific professional practices, applying your knowledge and skills in a real-world context.

You will develop a professional identity through Personal and Professional Development (PDP) activities, which are embedded at each level of study. Structured tutorial support will allow you to reflect on your strengths, interests, and ambitions while tracking skills development in a reflective portfolio. Guidance from personal tutors will supports you to align your experience with career goals to your chosen career pathway.

Professional values and employer expectations are integrated into teaching and assessment across the course. Modules align with relevant professional frameworks, embedding standards relating to ethical practice, patient safety, communication, teamwork, cultural competence, and data protection. Clinical skills teaching will incorporate professionalism, consent, confidentiality, and safe working practices. The assessments reflect work based and future study relevant tasks, and you will be regularly exposed to

professional behaviours through clinical simulation activities, group work, and employer engagement activities.

Careers workshops embedded within the programme will offer training in CV writing, application forms, personal statement writing, interview preparation, and professional communication, while employer events and careers fairs will provide networking opportunities. Mock interviews and presentation practice will further allow you to rehearse professional interactions in supportive settings, strengthening confidence and career readiness.

You will receive guidance from personal tutors, academic and careers advisors, throughout the course. Careers sessions, employer talks, and alumni insights will highlight how options link to careers in healthcare, research, or public health. Reflective activities will help you align selections with your skills, interests, and professional goals, ensuring learning is purposeful and supports future career development.

On completion, you will have developed strong scientific knowledge, professional awareness, and clinical reasoning skills, and you will be supported to apply for either UK or international graduate-entry medicine courses and a wide range of healthcare, research, and diagnostic careers.

