

COUNSELOR'S GUIDE

JAN & SEP 2025

GENERAL INFORMATION

Journey of a student applying to Leicester:

1. Student ID (turn around time is a minimum 2 weeks)
2. Offer letter
3. Conditional Offer
4. Unconditional
5. Accept the offer on MyStudent Records
6. A deposit of 3000 GBP to be paid
7. Request for CAS on MyStudent Records
8. On getting directed to ENROLL fill out the questionnaire.
9. Use the RECORDING tab to take up the test and submit the same.
10. After the interview is submitted the student must await the CAS(Turn around time period currently will be 10 working days.)
11. Wait for CAS.
12. After getting the CAS.Apply for Visa.
13. Pay 70% tuition fee on or before the first week of September.
14. Register online

15. Travel before the last date of arrival.

DOCUMENTS REQUIRED TO APPLY IN LEICESTER

1. Passport front & rear copy
2. Curriculum vitae
3. 10th Marksheet
4. 12th Marksheet
5. Statement of Purpose
6. UG/PG required documents:
 - Original degree
 - Transcripts
 - Provisional certificate
 - Consolidated marksheet
7. Letter of recommendation:

For Postgraduate:

- 2 recommendations from undergraduate professors [or]
- 1 from a professor and 1 from a workplace

For Undergraduate:

- 1 recommendation Letter from the school principal.

ATAS (Academic Technology Approval Scheme)

Why is ATAS required?

It gives a validation to the student to be legally allowed to use the laboratory given within the campus. To prevent dissemination (dissemination: the action or fact of spreading something, especially information widely) of information

used to create weapons of mass destruction.

Who all are entitled to have ATAS?

Offer holders of the below programs:

Msc Mechanical Engineering

Msc Mechanical Engineering with placement year

Msc Aerospace Engineering

Msc Aerospace Engineering with placement year

How long is it valid?

6 months from the date of issue.

Professors Name to be used:

On applying for ATAS there would be a requisite to mention the professor's details. Kindly use the below one.

Head of Department, **Prof. Ljiljana Marjanovic Halburd.**

Turn around time from ATAS:

Minimum 30 working days. More than the wait time, if there is still a delay we will not be responsible. All we can do is to wait. Students can write to the official email id. **ATAS@fcdo.gov.uk**

Link to apply :

<https://www.gov.uk/guidance/academic-technology-approval-scheme>

ENTRY REQUIREMENTS

UG: Students must have achieved a minimum of **75%** in their **12th standard.**

PG: Students must have achieved a minimum of **60% (First Class or B grade)** in their **undergraduate degree** or a **relevant work experience** can be considered.

DEADLINES

The deadlines for Jan 2025 are as follows:

Application deadline: 1 December 2024

Deposit payment deadline: 8 December 2024

CAS request deadline: 15 December 2024

70% tuition payment deadline: 15 December 2024

IELTS Waivers

IELTS can be waived off for the below conditions:

If the students have had their **12th standard with English** as a subject then IELTS can be waived off with respect to the below criterias:

If students have scored 70% in 12th English score in their **National boards** or

If students have scored 80% in 12th English score in their **State board**.

If the student has a **diploma** and has graduated and does not follow under the universities eligible for IELTS waiver then the student has to **compulsorily give IELTS/PTE/TOEFL/Duolingo**.

We also waive IELTS if the students had graduated their UG from the below universities :

1. Mumbai University

2. Pune University
 3. Bangalore University
 4. Anna University
 5. Madras University
 6. Delhi University
 7. IIT
 8. IIM
-

PAYMENT PLANS

- 1st payment: Deposit of 3000 GBP to be paid.
- 2nd payment: **70% tuition fee** to be paid after receiving CAS.
- 3rd payment: Balance to be paid before starting **2nd semester**.

CAS (Confirmation of Acceptance for Studies)

A CAS document is a mandatory document required for any student travelling from India to the UK in order to apply for their visa.

UG applicants can accept their offer without payment but must pay before the CAS is issued. Additionally, **applicants without an agent** need to upload **evidence of their finances**.

Write to cas@le.ac.uk in case of any query alternatively have an eye on My Student Records Portal for updates.

ACCOMMODATION

Room Types at Leicester

Our rooms vary in size and shape, offering unique living experiences. All rooms come with a bed, wardrobe, desk, chair, storage, and wifi.

Room Options:

- Single Bedroom: (950 in The Village, 20 in The City) Shared bathroom and kitchen.
- Single Bedroom with Washbasin: (750 in The Village, 650 in The City) Shared bathroom and kitchen.
- Single Ensuite: (1,000 in both The Village and The City) Private bathroom, shared kitchen.
- Single Studio Flat: (20 in The Village, 100 in The City) Self-contained with ensuite bathroom and kitchen.
- One-bedroom Flat: (10 in The Village, 20 in The City) Self-contained with separate living room/kitchen.
- Twin Bedroom: (20 rooms, 40 beds) Shared kitchen and bathroom.

Shared Spaces:

- Kitchens shared between four or more students.
- Bathrooms shared between three or more students.

Special Rooms:

- Small/Large Rooms: Cheaper or more expensive based on size.
- Adapted Rooms: Available in specific properties for wheelchair users.

Contact: accommodation@le.ac.uk

WEBSITE LINK:

UG:

<https://le.ac.uk/study/undergraduates/accommodation>

PG:

<https://le.ac.uk/study/postgraduates/accommodation>

NOTE:

There are deadlines to be followed for updates and ask them to refer to the above links.

UG: 1st year compulsorily to be taken uni accommodation only.

INDUSTRY YEAR

Industry year is an **optional year** which has **no credits** since there are no subjects for them to follow.

Generally, a year is split into : 1. Sem I (Begins by September or January as per the intake)

2. Sem II (Begins by January or September as per the intake)

SEM 1: Students will start applying to multiple companies when they are just a student.

By the time they enter their 2nd semester they will know what kind of company they have received offer letters from as an intern.

They will be entitled to pay 3125 GBP for visa support to the Uni of Leicester.

SEM 2: They will start working as an intern for 3 to 9 months and they will come back to university for their **dissertation** which could take up

another 4 months and then they will graduate.

ATTENTION: To be eligible for internship option students should have minimum 60% in 1st semester **assessment** and **attendance**.

YEAR ABROAD

Only for UG courses

Enhance your degree with a year abroad! Experience new cultures, improve language skills, and boost your CV. Enjoy a French café or surf in Australia before class.

Key Points:

- Destinations: Australia, Canada, Europe
- Support: Dedicated Study Abroad Coordinator
- Requirements: Complete workload equivalent to 120 Leicester credits
- Outcome: BA/BSc with a Year in Europe or Year Abroad (doesn't count towards final classification)

FAQs

1. Are students with a gap in their education accepted for undergraduate courses?

We accept students who have a valid reason for their gap, particularly those with related work experience or a strong overall profile, for both undergraduate and postgraduate courses.

2. How many backlogs do you accept?

We accept students with backlogs only if they have cleared them.

3. What courses can I apply for a student with 65%?

If the student has scored 65% or above in their UG, they can apply for any courses in their related field.

4. If the student has scored below 65% in UG, will the student be eligible to apply for PG courses?

No, students who scored below 65% in UG will not be eligible to apply.

5. What is the course start date for the September 2025 intake?

It varies for each course, but the course might start in the 1st week of September 2025. Kindly check your offer letter for the exact course start date.

6. If the student requires an extension for joining, what is the procedure?

If the student requires an extension for joining, kindly write an email to pgadmissions@le.ac.uk.

7. Whom should I contact if I have any queries related to the undergraduate application?

For any queries related to the UG application, kindly write an email to admissions@le.ac.uk.

8. Whom should I contact if I have any queries related to the postgraduate application?

For any queries related to the PG application, kindly write an email to pgadmissions@le.ac.uk.

9. What is the process for applying for a refund?

Kindly write an email to pgadmissions@le.ac.uk and in cc add feesandincome@le.ac.uk to apply for refund.

10. I have not received the cas portal link, pls will you share the cas link?

Kindly write an email to cas@le.ac.uk for any Cas-shield related queries.

11. I have an offer for Bachelors degree. When will my course start?

Course start dates are always mentioned in the Unconditional offer letter.

12. Can I pay my 2nd semester fee in instalments?

No, You will have to pay the balance 30% of the payment before you begin your 2nd Semester

13. When will I get to know the subjects I will study during my 2 semesters?

After you pay your 2nd semester fee before deadlines, you will register for the course online and you have the provision to select the modules and will get to know the professors as well.

14. If I fail my pre-cas interview will I get my refund?

Yes, Your refund will be processed.

15. How many students per class is expected to be taught?

20:1 is the student and faculty ratio maintained.

16. Is the law degree offered by the University of Leicester recognised by the bar council of India?

Yes, The University of Leicester's Law degrees are registered with the Bar Council of India. We are one among 22 universities in the UK.

To contact India Team, write an email to inda@le.ac.uk

For queries related to Postgraduate admissions, kindly contact:

pgadmissions@le.ac.uk

For queries related to Undergraduate admissions, kindly contact:

admissions@le.ac.uk

For CAS related queries, kindly contact: cas@le.ac.uk

For Registration/ Enrollment extension, kindly contact: study@le.ac.uk

For PhD / PGCE related admissions and queries, kindly contact:

study@le.ac.uk

For medicine related admissions and queries, kindly contact:

med-admis@le.ac.uk

For MyStudentRecords or application errors, kindly contact:

applicationhelp@le.ac.uk

For accommodation related queries, kindly contact:

ACCOMMODATION@leicester.ac.uk

For fees and refunds related queries, kindly contact:

feesandincome@le.ac.uk & pgadmissions@le.ac.uk

TUITION FEE RELATED QUERIES

1. I've just paid my fees online, why can't I register?

If you have just paid your fees online but are unable to register, it might be because we have not yet received and processed the required portion of your annual tuition fees. Here are the details:

International Postgraduate Students: At least 70% of your annual tuition fees must be processed.

The processing time varies depending on the payment method used:

Flywire: Up to 3 working days

Convera: Up to 5 working days

International Bank Transfer: Up to 10 working days

If the specified processing time has passed since you made your payment, please contact us at feesandincome@le.ac.uk with evidence of your payment. Sometimes, payments are received but cannot be allocated to your account due to missing information. To help us locate your payment quickly, ensure you include your student number in the email.

After making a payment, you can confirm its success as follows:

Email Confirmation: Once your payment has been received and processed, a payment confirmation statement will be emailed to your University email address.

Online Card Payments: If you made your payment using the online card payment option, a confirmation email will also be sent from E-pay to the email address provided during the payment process.

If you do not receive these confirmations within the expected processing times, please check your spam folder or contact us for further assistance.

2. Can someone else pay my fees on my behalf?

Under the Anti Money Laundering policy, the University is required to adhere to the "know your customer (KYC)" guidelines:

Identity Verification: The University must verify who is making payments into its bank account to prevent the deposit of criminal funds.

Evidence of Payment: You may be asked to provide evidence that the payment has left your bank account and been deposited into the University of Leicester's bank account.

No Third-Party Payments: Do not allow others to make payments on your behalf. If you do, you will be responsible for any fraudulent payments or falsified documents.

Consequences: The consequences of fraudulent payments or falsified documents are detailed on our website.

These measures ensure the integrity and security of financial transactions at the University.

3. My Postgraduate Loan Has Not Been Approved Yet. Can I Still Register?

If your loan approval is delayed and you need to register, you will need to pay at least 70% of your tuition fees to proceed with registration.

Please follow these steps:

Payment Requirement: Ensure you pay at least 70% of your tuition fees.

Evidence Submission: If you have already initiated the loan application process, send evidence of this to feesandincome@leicester.ac.uk.

Regular Updates: Keep us regularly updated on the status of your loan application.

We will review your situation based on the evidence provided and keep you informed on the next steps.

FINANCE RELATED QUERY:

1. I have registered, but I haven't received my maintenance payment from Student Finance yet. What should I do?

We can confirm your registration with Student Finance only after you have completed the full registration process, including the ID check. If you have already completed the registration, the delay might be due to one of the following reasons:

Recent Registration:

If you became fully registered today, we will inform Student Finance on the next working day.

If you became fully registered within the last few days, Student Finance may take 3-5 working days to process the information and initiate the payment.

Application with Another University:

If you initially applied to another university, your application might still be pending with them. In this case, provide us with your Student Support Number (SSN) from Student Finance, and we will assist in transferring your application to the University of Leicester.

Data Mismatch:

The most common issue is a mismatch between our records and Student Finance's records. Please check that all your information, such as date of birth, first name, surname, or nickname, is consistent across both records. Update any incorrect information to ensure both sets of data match.

If none of the above reasons apply, or if you encounter any further issues, please contact us for additional assistance.

Funds to be shown:

Living expense (9021 GBP) + Balance tuition fee to be maintained in savings bank account for 28 days before visa yet, you can request for CAS even before those 28 days gets completed.

Checklist before leaving the country:

This checklist may help you with your preparations for coming to the UK. Please note it is for guidance only and not all the suggestions may apply. Before you leave home

- Obtain any necessary student visa or entry clearance for study in the UK (including paying the Immigration Health Surcharge).
- Check you have completed an **online application for accommodation**.
- Pay a deposit for accommodation.
- Upload your photo for your University of Leicester ID card to **MyStudentRecord**.
- Pay your **tuition fees**.
- **Register online** for your course.
- Check **term dates**, especially the date you are expected to arrive at the University.
- Buy tickets and travel insurance.
- Research banking in the UK and see if your bank can help you arrange a **UK bank account**.
- Get British currency for use during the first few days or weeks (around £1,000).
- Get a letter of explanation from your doctor for any prescribed drugs you may need to bring with you.
- Research UK living costs to **plan a budget**.

Items to carry in your hand luggage

- Passport with any necessary student visa and ID cards if applicable (Please ensure you bring these with you when you register with the University.)
- Travel or flight tickets
- British currency
- Travel insurance and personal insurance documents
- Evidence of your finances - a bank statement or sponsor's letter
- The address of your accommodation in Leicester and a contact name and phone number in case of any problems or questions.

AIRPORT PICK-UP:

We do not provide airport pickup services. We have partnered with National Express coaches to offer discounted airport transfers to new international students starting at the University of Leicester in September 2025.

<https://le.ac.uk/study/international-students/travel-to-leicester-from-abroad>

VISA CHECK POINT

When should I arrive in the UK?

You must travel to the UK within the validity (start and expiry date) of your entry clearance vignette. You should plan your travel to arrive in the UK and complete registration before the start date of your course and in time to attend your teaching events including scheduled introductory sessions.

Biometric Residence Permit (BRP)

Where to Collect Your Biometric Residence Permit (BRP)

When you applied for your student visa, you chose where to collect your BRP. Here's what to do based on your choice:

Collecting from the University:

If you opted to collect your BRP from the University, we will notify you when it arrives and provide further instructions on how to collect it. You will typically collect it during your visa checkpoint appointment.

Collecting from the Post Office:

If you choose to collect your BRP from a Post Office, make sure to do so before attending your visa checkpoint.

If you have any questions or need additional assistance, please contact us.

When to Collect Your Biometric Residence Permit (BRP)

Collection Timeframe: You should collect your BRP within 10 days of arriving in the UK.

Before Visa Checkpoint: If you are not collecting your BRP from the University, ensure you collect it from your chosen location (e.g., a Post Office) before attending the visa checkpoint.

BRP for Registration: Bring your BRP to the visa checkpoint and complete your registration. Do not use your BRP for any other processes, such as applying for a driver's licence, until you have completed your registration. ACL Code to be used :

HERO COURSES

ULSB:

1. Accounting & Finance Msc
2. Management, Finance & Accounting Msc
3. Banking & International Finance Msc
4. Business Analysis & Finance Msc
5. Finance Msc
6. Financial Risk Management Msc
7. Healthcare Management Msc
8. Human Resource Management & Training Msc
9. International Business Msc
10. International Management Msc
11. Management Msc
12. Marketing Msc
13. Entrepreneurship & Innovation Msc
14. Digital Marketing MSc

School of Media, Communication and Sociology:

1. Digital Media and Society MA

2. Global Media and Communication MA
3. Mass Communication MA
4. Media and Advertising MA
5. Media and Public Relations MA

Museum Studies:

1. Museum Studies MA/MSc
2. Art Museum and Gallery Studies MA

Leicester Law School:

1. Master of Laws (LLM)
2. Health Law LLM
3. International Business and Corporate Law LLM
4. International Commercial Law LLM
5. International Human Rights Law LLM
6. International Law LLM
7. Public International Law LLM

English:

1. Creative Writing MA
2. English Literature MA
3. Modern and Contemporary Literature (and optional Creative Writing) MA
4. Victorian Studies MA

Modern Languages:

1. Translation MA
2. Film and Film Cultures MA

School of Criminology:

1. Criminology MSc
2. Terrorism, Security and Policing MSc
3. Crime, Justice and Psychology MSc

School of Education:

1. International Education (with Specialist Routes) MA
2. Applied Linguistics and TESOL MA
3. TESOL MA

History at Leicester:

1. History MA

Politics and International Relations:

1. Human Rights and Global Ethics MA
2. International Relations MA
3. International Security Studies MA

Computer Science:

1. *Advanced Computer Science MSc
2. *Advanced Software Engineering MSc
3. *Cloud Computing MSc
4. Data Science MSc

Mathematical Sciences:

1. *Data Analysis for Business Intelligence MSc

Actuarial Science:

1. *Actuarial Science with Data Analytics MSc, PGDip

Engineering:

1. *Advanced Electrical and Electronic Engineering MSc
2. *Advanced Electrical and Electronic Engineering with Management MSc
3. *Advanced Mechanical Engineering MSc
4. *Advanced Mechanical Engineering with Management MSc
5. *Aerospace Engineering MSc
6. Spacecraft Engineering MSc
7. *Master of Engineering Management (MEM)
8. Embedded Systems & Controls MSc

School of Chemistry:

1. Chemistry MSc

School of Physics and Astronomy:

1. *Space Exploration Systems MSc, PGDip

School of Geography, Geology and the Environment:

1. *Geographical Information Science MSc
2. Environmental Futures MSc
3. Environmental Data Science MSc
4. Geographical Data Science MSc
5. *Satellite Data Science MSc

School of Biological Sciences:

1. Cancer Cell and Molecular Biology MSc
2. Cancer Molecular Pathology and Therapeutics MSc, PGCert
3. Immunity, Infection and Chronic Disease MSc
4. Molecular Genetics MSc
5. Bioinformatics MSc

School of Psychology:

1. Psychology MSc
2. Research Methods in Psychology MRes
3. Research Methods in Human Cognitive Neuroscience MRes
4. Research Methods in Psychology of Mental Health MRes

***With industry placement (Optional)**

Medicine or MBBS at University of Leicester: (MBChB)

Link for reference - <https://le.ac.uk/courses/medicine-mbchb/2025>

We have a dedicated team to address MBBS relevant queries, here it is med-admis@le.ac.uk drop in an email and the guidance will be given.

LEICESTER MAP



London to Leicester = 1 hour away.
Birmingham to Leicester = 30 minutes away

Preparing for Your Arrival: Travel Plans

If you're coming to the University of Leicester from abroad, there are several important factors to consider. We're here to help ensure your journey is as smooth as possible.

Travelling from the Airport

Flight Booking

Make sure to book your flight only after accepting your offer and obtaining your visa or entry clearance.

Airport Taxi Pickup

For convenience, you can arrange a taxi through Airport Taxis Narborough. Fixed rates (as of July 2024) include:

Heathrow to Leicester: £140 + £13 ULEZ fee (effective from 29 August 2023). Additional parking or bank charges may apply.

Birmingham to Leicester: £68, plus any extra fees.

To book, send an email to airporttaxisnarborough@hotmail.co.uk with the following information:

Your full name

Your University of Leicester course

Arrival airport

Leicester accommodation address

Flight details (date, time, and number)

They will respond with payment details, and your booking will be confirmed once payment is received. Waiting fees are £18 per hour starting 1.5 hours after your flight lands.

Public Transport

Leicester is well-served by the UK's public transport system. Each airport's website provides guidance on how to reach the city using buses and trains.

National Express Coaches: Save 20% on coach travel from major airports (Heathrow, Birmingham, Luton, Stansted, and Manchester) to Leicester. The discount is automatically applied when booking through the National Express website.

Eurostar: If you're arriving via the Eurostar, switch at St Pancras International for a direct train to Leicester.

Travel Within the UK

Leicester is easily accessible by road and rail. The train station is just a 15-minute walk from the university, and St Margaret's Bus Station offers coach services from cities like London, Manchester, Birmingham, Sheffield, and Leeds.

Postgraduate Research: Entry Requirements

To apply for a PhD, MPhil, or professional doctorate, you'll need to meet the following criteria:

Academic Qualifications

PhD/MPhil: You must have either:

A UK undergraduate degree with at least a first or upper second-class honours, OR

An equivalent degree from a recognized international institution.

Your degree should be in a field related to your intended PhD/MPhil subject. Some programmes or funded studentships may also require a Master's degree—check the specific subject page or studentship listing for details.

English Language Proficiency

In addition to academic qualifications, you must meet the required level of English language proficiency.

Personal Attributes

Research degrees are rigorous. You must be self-driven, capable of working independently and in teams, able to manage your workload effectively, and possess a good understanding of your research field and its methodologies.

Pending Qualifications

If you haven't completed your undergraduate or Master's degree yet, you may still apply, provided you can show you'll finish before your programme starts and that your current grades are strong.

International Qualifications

International applicants can contact the Admissions Office for guidance on how their qualifications compare to UK standards. Provide:

The title and subject of your degree(s)

Your institution and country

Grades received so far

Distance Learning

For distance learning programmes, the academic requirements remain the same. You may also need to show you have access to research resources, such as an academic library.

Professional Doctorates

Applicants for professional doctorates (e.g., DSocSci, MD, DCLinPsy) need the standard qualifications, plus a Master's degree and relevant employment.

Non-Standard Qualifications

If you don't meet the standard requirements, you might still qualify if you have relevant research or professional experience. For more details, contact pgradmissions@leicester.ac.uk.

Jan 2025 Course List:

Biological and Medical Sciences:

Cancer Cell and Molecular Biology MSc

Molecular Genetics MSc

Business and Management:

Digital Marketing MSc

International Business Msc

Management, Finance and Accounting MSc

Marketing MSc

Computing and Mathematical Sciences:

Advanced Computer Science MSc
Advanced Computer Science with Industry MSc
Advanced Software Engineering MSc
Advanced Software Engineering with Industry MSc
Cloud Computing MSc
Cloud Computing with Industry MSc
AI for Business Intelligence MSc
AI for Business Intelligence with Industry MSc

Engineering:

Advanced Mechanical Engineering MSc
Advanced Mechanical Engineering with Industry MSc
Aerospace Engineering MSc
Aerospace Engineering with Industry MSc
Embedded Systems and Control Engineering MSc
Embedded Systems and Control Engineering with Industry MSc
Masters of Engineering Management MEM
Masters of Engineering Management with Industry MEM

Media and Communication:

Digital Media and Society MA
Global Media Communication MA
Mass Communications MA
Media and Advertising MA
Media and Public Relations MA

April 2025 Course List:

1. International Business MSc
2. Marketing MSc
3. Management, Finance and Accounting MSc

April 2025 Deadlines:

Application deadline: 9 March 2025
Deposit payment deadline: 23 March 2025
CAS request deadline: 13 April 2025

70% tuition payment deadline: 13 April 2025

PG COURSES

All the PG courses are available for September 2025 intake

SCHOOL OF ENGINEERING

MASTERS OF ENGINEERING MANAGEMENT (MEM)

MASTERS OF ENGINEERING MANAGEMENT WITH INDUSTRY

LEICESTER ADVANTAGE:

- Accredited by **Institution of Engineering and Technology (IET)** and **Institute of Mechanical Engineers (IMechE)**.
- An MEM, often referred to as an **Engineer's MBA**, offers a specialised blend of engineering and business education tailored to equip engineers with the managerial skills needed to thrive in technical industries.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree or a relevant work experience can be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MEM: **24,500 GBP**

- MEM with Industry: **24,500 GBP**

Scholarship deduction:

- 24,500- 3000=21,500 GBP
- 24,500-5000=19,500 GBP
- An additional fee of **3,250GBP** will be charged if a **placement is secured** for the second year.

SCHOLARSHIP:

- Students who scored 60% in their undergraduate degree will receive a scholarship of 3,000GBP.
- Those who scored 65% or higher will be awarded a scholarship of 5,000 GBP.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Accounting and Finance for Managers- 7000+
- Systems Engineering- 2000+
- Cost Engineer- 3000+
- Business Analyst- 1000+
- Manufacturing Manager-1000+
- Lean Manufacturing Engineer- 600+

KEY SKILLS:

Financial analysis, strategic planning, systems thinking, managerial accounting, cost estimation, data analysis, lean principles, production planning, and project management.

MODULES:

- Accounting and Finance for Managers for non specialists
- Business Economics for non specialists
- Engineering Project Management
- Systems Engineering
- International Business
- Engineering Business Management
- Lean Engineering
- Cost Engineering
- Plus your Engineering Management Project

RELATED COURSES:

- Advanced Electrical and Electronic Engineering MSc
- Advanced Mechanical Engineering MSc
- Aerospace Engineering MSc

**MSc ADVANCED ELECTRICAL AND ELECTRONIC
ENGINEERING**

**MSc ADVANCED ELECTRICAL AND ELECTRONIC
ENGINEERING WITH INDUSTRY**

LEICESTER ADVANTAGE:

- Accredited by **Institution of Engineering and Technology (IET)** and the **Institute of Measurement and Control (InstMC)**.
- This program offers a comprehensive selection of advanced-level subjects in electrical and electronic engineering.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **September 2025** intake:

- MSc: **23,650 GBP**
Scholarship deduction:
 - $23,650 - 3000 = 20,650$ GBP
 - $23,650 - 5000 = 18,650$ GBP
- MSc with Industry: **24,500 GBP**
Scholarship deduction:
 - $24,500 - 3,000 = 21,500$ GBP
 - $24,500 - 5000 = 19,500$ GBP
- An additional fee of **3,510 GBP** will be charged if a **placement is secured**.

SCHOLARSHIP:

- Students who scored 60% in their undergraduate degree will receive a scholarship of 3,000GBP.
- Those who scored 65% or higher will be awarded a scholarship of 5,000 GBP.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Design Engineer – 9000+
- Control Systems Engineer- 8000+
- Electrical Engineer – 4000+
- Electronics Engineer-3000+
- Research and Development Engineer- 3000+
- Automation Engineer-3000+
- Aerospace Engineer- 1000+

KEY SKILLS:

Technical proficiency in CAD software, control theory, circuit design, and PLC programming. Strong problem-solving, analytical, and communication skills are essential for effective collaboration and innovation.

MODULES:

- Engineering Design Case Study
- Advanced Electrical Machines
- Artificial Intelligence Architectures
- Spacecraft Communications
- Signal Processing
- Advanced Electronically Controlled Drives
- Attitude and Orbit Control Systems

Plus your Individual Project.

OPTION MODULES:

Choose one option module from:

- Rotorcraft Mechanics and Control
- Systems Engineering and Spacecraft Systems

RELATED COURSES:

Advanced Electrical and Electronic Engineering with Management.

**MSc ADVANCED ELECTRICAL AND ELECTRONIC
ENGINEERING WITH MANAGEMENT**

**MSc ADVANCED ELECTRICAL AND ELECTRONIC
ENGINEERING WITH MANAGEMENT WITH INDUSTRY**

LEICESTER ADVANTAGE:

The combination of advanced technical engineering skills and knowledge of management theory and practice will equip you with the knowledge and skills required to secure leadership roles in global engineering industries.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **September 2025** intake:

- MSc: **24,500 GBP**
- MSc with Industry: **24,500 GBP**

Scholarship deduction:

- 24,500- 3000=21,500 GBP
- 24,500-5000=19,500 GBP

- An additional fee of **3,510GBP** will be charged if a **placement is secured**.

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.

2. **TOEFL 90** with 20 minimum in each component
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Control Engineer: 12,000+
- Electrical Design Engineer- 3000+
- Maintenance Engineer- 3000+
- Accounting Manager- 3000+
- International Finance Manager- 2000+

KEY SKILLS:

Proficiency in control systems theory and application, programming skills (MATLAB, Python, etc.), electrical design expertise (CAD, schematics), maintenance troubleshooting, accounting proficiency (financial reporting, budgeting), international finance knowledge (regulations, currency risk), and cross-cultural communication.

MODULES:

- Engineering Design Case Study
- Advanced Electrical Machines
- Artificial Intelligence Architectures

- Spacecraft Communications
- Advanced Electronically Controlled Drives

OPTIONAL MODULES:

Choose two option modules from:

- Accounting and Finance for Managers for non specialists
- Business Economics for non specialists

Then choose one option module from:

- International Business

Plus your Engineering Management Project

RELATED COURSES:

- Advanced Electrical and Electronic Engineering
- Advanced Mechanical Engineering with Management

MSc ADVANCED MECHANICAL ENGINEERING
MSc ADVANCED MECHANICAL ENGINEERING WITH
INDUSTRY

LEICESTER ADVANTAGE:

This degree is accredited by the **Institution of Engineering and Technology (IET)** and the **Institution of Mechanical Engineers (IMechE)**.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MSc: **23,650 GBP**
Scholarship deduction:
 - 23,650- 3000=20,650 GBP
 - 23,650-5000=18,650 GBP

- MSc with Industry: **24,500 GBP**
Scholarship deduction:
 - 24,500-3,000=21,500 GBP
 - 24,500-5000=19,500 GBP

- An additional fee of **3,510GBP** will be charged if a **placement is secured**.

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Mechanical Design Engineer- 3000+
- Aerospace Systems Engineer- 1328+
- Structural Engineer- 1000+
- Process Engineer- 655+

KEY SKILLS:

Proficiency in CAD software, interpretation of technical drawings, strong problem-solving skills. Structural analysis, familiarity with building codes, experience with finite element analysis. Knowledge of chemical

processes, process simulation expertise, ability to troubleshoot and optimize processes. Understanding of aerospace systems, systems engineering principles, proficiency in requirements management tools.

MODULES:

CORE MODULES

- Engineering Design Case Study
- Fluid Instability, Transition and Turbulence
- Advanced Solid Mechanics

Plus your **Individual Project**

OPTION MODULES

Choose **one option** module from:

- Rotorcraft Mechanics and Control
- Systems Engineering and Spacecraft Systems

Then **choose four** option modules from:

- Signal Processing
- Advanced Composite Materials
- Attitude and Orbit Control Systems
- Advanced Gas Turbines
- Computational Fluid Dynamics

RELATED COURSES:

- Advanced Mechanical Engineering with Management MSc
- Advanced Electrical and Electronic Engineering MSc

MSc ADVANCED MECHANICAL ENGINEERING WITH MANAGEMENT

MSc ADVANCED MECHANICAL ENGINEERING WITH MANAGEMENT WITH INDUSTRY

LEICESTER ADVANTAGE:

This degree emphasizes cutting-edge methods for designing mechanical systems, including fluid dynamics, solid structures, materials, and control systems. It also integrates essential management theories, preparing graduates for leadership roles in global engineering.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **September 2025** intake:

- MSc: **24,500 GBP**
- MSc with Industry: **24,500 GBP**

Scholarship deduction:

- 24,500- 3000=21,500 GBP
- 24,500-5000=19,500 GBP

- An additional fee of **3,510GBP** will be charged if a **placement is secured**.

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below: **Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs**

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Mechanical Design Engineer- 3000+
- Structural Engineer- 1000+
- Aerospace Systems Engineer- 1328+
- Management accountant- 1252+
- Financial analyst- 1100+

KEY SKILLS:

CAD proficiency and mechanical design knowledge for Mechanical Design Engineers, expertise in structural analysis and FEA for Structural Engineers, understanding of aerospace systems and aerodynamics for Aerospace Systems Engineers, strong analytical skills

and financial modeling proficiency for Management Accountants, and expertise in financial analysis and reporting for Financial Analysts.

MODULES:

CORE MODULES

- Engineering Design Case Study
- Fluid Instability, Transition and Turbulence
- Advanced Solid Mechanics

Plus your Engineering Management Project

OPTION MODULES

Choose two option modules from:

- Accounting and Finance for Managers for non specialists
- Business Economics for non specialists

Then choose three option modules from:

- International Business
- Computational Fluid Dynamics
- Advanced Composite Materials
- Advanced Gas Turbines

MSc ADVANCED AEROSPACE ENGINEERING
MSc ADVANCED AEROSPACE ENGINEERING WITH
INDUSTRY

LEICESTER ADVANTAGE:

This Aerospace Engineering course offers advanced study in aerodynamics, materials, and control systems within a broad General Engineering framework. Students can gain practical experience through optional industrial placements.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MSc: **23,650 GBP**
Scholarship deduction:
 - 23,650- 3000=20,650 GBP
 - 23,650-5000=18,650 GBP
- MSc with Industry: **24,500 GBP**
Scholarship deduction:
 - 24,500-3,000=21,500 GBP
 - 24,500-5000=19,500 GBP

An additional fee of **3,510GBP** will be charged if a **placement is secured**.

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.

2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Aerospace Engineer- 1453+
- Simulation Engineer- 1203+
- Aerospace Systems Engineer- 1326+
- Materials Engineer- 2234+
- Control systems engineer- 8933+

KEY SKILLS:

Aerodynamics, materials science, control systems, simulation, spacecraft design, composite materials, feedback control theory, modelling.

MODULES:

CORE MODULES

- Engineering Design Case Study
- Fluid Instability, Transition and Turbulence
- Computational Fluid Dynamics
- Advanced Composite Materials

- Advanced Gas Turbines
- Attitude and Orbit Control Systems

Plus your Individual Project

OPTION MODULES

Choose **two option** modules from:

- Rotorcraft Mechanics and Control
- Advanced Solid Mechanics
- Systems Engineering and Spacecraft Systems

RELATED COURSES:

- Advanced Electrical and Electronic Engineering MSc
- Advanced Mechanical Engineering MSc
- Master of Engineering Management.

MSc EMBEDDED SYSTEMS AND CONTROL ENGINEERING

**MSc EMBEDDED SYSTEMS AND CONTROL ENGINEERING
WITH INDUSTRY**

LEICESTER ADVANTAGE:

This course is accredited by the IET for the Engineering Council, fulfills the Further Learning requirements for Chartered Engineer registration. A CEng accredited BEng/BSc (Hons) degree is necessary for

full eligibility. Those with an Electronics background can apply for this course.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MSc: **23,650 GBP**
Scholarship deduction:
 - 23,650- 3000=20,650 GBP
 - 23,650-5000=18,650 GBP

- MSc with Industry: **24,500 GBP**
Scholarship deduction:
 - 24,500-3,000=21,500 GBP
 - 24,500-5000=19,500 GBP

An additional fee of **3,510GBP** will be charged if a **placement is secured**.

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59** with **59** minimum in each component.

4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Control Systems Engineer-9000+
- Robust Control Engineer- 1000+
- Condition Monitoring Engineer- 700+
- Embedded Systems Engineer- 1000+
- Embedded Engineer- 400+

KEY SKILLS:

Proficiency in control theory, PLCs, SCADA systems, robust control theory, optimization methods, condition monitoring techniques, data analysis, C/C++, microcontrollers, embedded software development, problem-solving, and communication skills.

MODULES:

- Engineering Design Case Study
- High-Reliability Embedded Systems
- Robust Control
- Nonlinear Control
- Real Time Simulation for Industry 4.0

- Signal Processing
- Embedded Systems for Condition Monitoring and Control
- Advanced Electronically Controlled Drives

Plus your Individual Project

RELATED COURSES:

Advanced Electrical and Electronic Engineering MSc

MSc SPACECRAFT ENGINEERING

LEICESTER ADVANTAGE:

The Spacecraft Engineering MSc at the University of Leicester prepares graduate engineers to lead interdisciplinary teams in designing complex systems for space exploration. Through real-world projects, students collaborate on missions like satellite development and planetary exploration, often in partnership with **Space Park Leicester**. With over six decades of space research experience, the University has been pivotal in confirming black hole existence and deploying over 90 space instruments.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **September 2025** intake:

- MSc: **29,000 GBP**

Scholarship deduction:

- 29,000- 3000=26,000 GBP

- 29,000-5000=24,000 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Materials Development Engineer- 3000+
- Space Environment Analyst- 600+
- Space Systems Architect- 500+
- Propulsion Engineer- 300+

KEY SKILLS:

Expertise in materials science, proficiency in data analysis and modeling, strong systems engineering knowledge, familiarity with propulsion systems, critical thinking, problem-solving, and effective communication for multidisciplinary collaboration and conveying technical concepts.

MODULES:

- Engineering Design Case Study
- Systems Engineering and Spacecraft Systems
- Advanced Composite Materials
- Spacecraft Communications
- Spaceflight Dynamics and Propulsion
- Space and Planetary Environment, Planetary Surfaces
- Advanced Spacecraft Engineering.

SCHOOL OF COMPUTING AND MATHEMATICAL SCIENCE

MSc ADVANCED COMPUTER SCIENCE

MSc ADVANCED COMPUTER SCIENCE WITH INDUSTRY

LEICESTER ADVANTAGE:

We have an Industrial **Advisory Board**: its members are **computer scientists** who hold successful careers in industry and who help us ensure that your training is industrially relevant. This course offers a specialised curriculum tailored to students seeking advanced knowledge in current technologies relevant to their professional field, with a focus on **preparing them for Ph.D. research.**

ENTRY REQUIREMENTS:

- Strong honours degree or equivalent in IT, **computing science, or software engineering.**
- Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- $23,650 - 3000 = 20,650$
- $23,650 - 5000 = 18,650$

MSc with Industry: **25,350 GBP**

Scholarship deduction:

- $25,350 - 3,000 = 22,350$
- $25,350 - 5000 = 20,350$
- An additional fee of 3,510GBP will be charged if a placement is secured.

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**

4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

1. Applications developer – 15,520+
2. Database administrator – 1,181+
3. Games developer – 3000+
4. Web developer – 6,234+
5. Web designer – 2,921+
6. Software engineer – 30882+

KEY SKILLS:

Core programming languages like **C++, C#, Java, Lisp, and Python**. Basic understanding and knowledge of these languages will be helpful during the job search

MODULES:

1. Personal and Group Skills
2. Computational Intelligence and Software Engineering
3. Software Measurement and Quality Assurance
4. Mobile and Web Applications
5. Advanced C++ Programming
6. Advanced Web Technologies
7. Agile Cloud Automation

8. Internet and Cloud Computing
9. Interaction Design (ID) and User Experience (UX)
10. Mobile and Ubiquitous Computing
11. Operational Research

RELATED COURSES:

- Cloud computing MSc
- Advance software Engineering MSc
- Data science MSc

MSc ADVANCED SOFTWARE ENGINEERING

MSc ADVANCED SOFTWARE ENGINEERING WITH INDUSTRY

LEICESTER ADVANTAGE:

This course focuses on methodologies and technologies to tackle challenges in today's volatile markets, teaching students advanced technology and methods to meet the demands of major industries, and enabling them to create applications that reduce time to market and development costs, evolve legacy systems, and enhance business processes. The program includes practical industry placements, with the MSc spanning the full course and the PGDip covering the same modules without the final project.

ENTRY REQUIREMENTS:

- Strong honours degree or equivalent in **information technology/computing science/software engineering** subjects.
- Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MSc: **23,650 GBP**
Scholarship deduction:
23,650-3,000=20,000 GBP
23,650-5,000=18,650 GBP
- MSc with Industry : **25,350 GBP**
Scholarship deduction:
25,650-3,000=22,650 GBP
25,650-5,000=20,650 GBP
- An additional fee of **3,510 GBP** will be charged if a placement is secured.

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or

- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

1. Applications developer – 15,603+
2. Database developer-2,111+
3. Database administrator-2,111+
4. Game developer -2,8000+
5. Web developer-6,241+
6. Web designer-2,931+
7. Software engineer-3,882+

KEY SKILLS FOR JOB PLACEMENT:

Core programming languages like **C++, C#, Java, Lisp, and Python**. Basic understanding and knowledge of these languages will be helpful during a job search.

MODULES:

1. Software Measurement and Quality Assurance
2. Personal and Group Skills
3. Communication and Concurrency
4. Computational Intelligence and Software Engineering
5. Mobile and Web Applications
6. Advanced C++ Programming
7. Advanced Web Technologies
8. Agile Cloud Automation
9. Internet and Cloud Computing
10. Interaction Design (ID) and User Experience (UX)
11. Mobile and Ubiquitous Computing
12. Operational Research

CLOUD COMPUTIN MSc
MSc CLOUD COMPUTING WITH INDUSTRY

LEICESTER ADVANTAGE:

This MSc course offers a deep understanding of designing, analyzing, and engineering systems for handling big data in distributed, dynamically scalable cloud computing architectures, including practical experience through industry placements. **The course includes industry placements which give practical experience.**

ENTRY REQUIREMENTS:

- Strong honours degree or equivalent in **information technology/computing science/software engineering** subject
- Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MSc: **23,650 GBP**
Scholarship deduction:
23,650-3,000=20,650 GBP
23,650-5,000= 18,650 GBP
- MSc with Industry: **25,350 GBP**
Scholarship deduction:
25,350-3,000=22,350 GBP
25,350-5,000=20,350 GBP
- An additional fee of **3,510 GBP** will be charged if a placement is secured.

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

1. Cloud architect – 6,105+
2. Cloud software engineer – 11,315+
3. Cloud engineer – 17,547+
4. Cloud services developer – 6,802+
5. Cloud consultant – 5,543+
6. Network engineer – 11,831+

KEY SKILLS

Web Technologies (Ruby, HTML, CSS, Angular JS) Python, Java SQL – Database Administrators, Data warehousing experts, and Data Scientists Software Testers. Cloud often means virtualization. Working knowledge of

VMware is also a desirable skill when preparing for a job in cloud computing. Coding skills like **.Net, Node.js, React, and Mobile development.**

MODULES:

1. Advanced Web Technologies
2. Internet and Cloud Computing
3. Personal and Group Skills
4. Advanced C++ Programming
5. Computational Intelligence and Software Engineering
6. Mobile and Web Applications
7. Agile Cloud Automation
8. Software Measurement and Quality Assurance
9. Interaction Design (ID) and User Experience (UX)
10. Mobile and Ubiquitous Computing

ALTERNATIVE COURSE:

- Advance Software Engineering.

MSc DATA SCIENCE

LEICESTER ADVANTAGE:

The program suits those keen to solve real-world problems with a data-focused approach, effective communication skills, and an interest in programming. High-level maths or computing skills are not required, but those with a background in these areas can develop further. Support is provided for developing mathematical understanding and familiarity with Python and R. The focus is on using cutting-edge data science tools and creative, ethical problem-solving. AI tools like ChatGPT are integrated, and higher-level skills in data preparation and communication are

emphasized. Graduates can work in various fields, including data journalism, museums, NGOs, public services, and businesses.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree in relevant subjects like **Aerospace engineering or Mechanical engineering.**
- Students with relevant work experience will also be considered.

TUITION FEE:

Starting in **September 2025.**

MSc: **23,650 GBP**

Scholarship deduction:

23,650-3,000=20,650 GBP

23,650-5,000= 18,650 GBP

- An additional fee of **3,510 GBP** will be charged if a placement is secured.

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

- **IELTS 6.0** and equivalent in each component.
- **TOEFL 80** with 20 minimum in each component.
- **PTE 59 with 59 minimum in each component.**
- **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student has graduated from any of the Universities listed below: **Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs**

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Data Analyst- 2,278+
- Data Consultant- 5,270+
- Healthcare Data Analyst- 1,000+
- Recruitment Agencies- 27,751+
- Machine Learning Engineer- 5791+

KEY SKILLS FOR JOB OPPORTUNITIES:

Proficiency in **SQL, Excel, Python/R, data visualisation**, statistical analysis, and communication proficiency in **Python/Java/C++**, machine learning algorithms, frameworks, cloud computing, software engineering, big data, statistical analysis, healthcare analytics tools, and communication and problem-solving.

MODULES:

- Overview of Data Science Practice
- Fundamentals of Data Science
- Statistics for Data Science
- Modelling Data

OPTION MODULES:

- Excel for Data Science
- Practical Programming
- Introduction to Functional Data Analysis.

ALTERNATIVE COURSE:

- Environmental Data Science
- Geographical Data science
- Satellite Data science

MSc AI FOR BUSINESS INTELLIGENCE

MSc AI FOR BUSINESS INTELLIGENCE WITH INDUSTRY

LEICESTER ADVANTAGE:

In today's data-driven world, businesses need professionals who can harness AI for actionable insights. Our MSc in AI for Business Intelligence at the University of Leicester bridges academic learning and industry demands. You'll gain skills in predictive analytics, data mining, and strategic growth. The course includes a practical summer project with real-world business challenges. Benefit from an inclusive environment and expert guidance from the School of Computing and Mathematical Sciences. This program, formerly Data Analysis for Business Intelligence, prepares you to lead in the data-driven business revolution.

ENTRY REQUIREMENTS:

- Strong honours degree or equivalent in a subject dealing with **Math and Physics**. Computer science graduates will be considered.
- Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.
- If you have a background in computer science, we will evaluate your academic transcript as part of the assessment process.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- **MSc: 23,650 GBP**
Scholarship deduction:
23,650-3,000=20,650 GBP
23,650-5,000= 18,650 GBP
- **MSc with Industry: 25,350 GBP**
Scholarship deduction:
25,350-3,000=22,350 GBP
25,350-5,000=20,350 GBP
- An additional fee of **3,510 GBP** will be charged if a placement is secured.

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with a 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or

- If the student scored **70%** and above in **National board**-12th grade English or
- If the student have graduated from any of the Universities listed below: **Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs**

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Statistical Analysts- 500+
- Data Science Internships- 400+
- Data Visualisation Developer- 700+
- AI Engineer- 200+

KEY SKILLS FOR JOB OPPORTUNITIES:

Key skills include statistical analysis, data wrangling, and visualization tools like Python and Tableau. Machine learning, neural networks, and programming (Python, Java) are essential for AI and data mining. Mathematical modeling, including differential equations and linear algebra, underpins problem-solving and data-driven insights across these fields.

MODULES:

CORE MODULES

1. Fundamentals of Data Science
2. Statistics for Data Science
3. Computational Intelligence and Software Engineering
4. Data Mining and Neural Networks

Plus your Data Analysis for Business Intelligence Project

OPTION MODULES

Choose one option module from

1. Mathematical Modelling
2. Practical Programming

Plus, choose three option modules from

1. Computational Partial Differential Equations with Applications
2. Generalised Linear Models
3. Introduction to Functional Data Analysis
4. International Business
5. AI for Space

MSc ACTUARIAL SCIENCE WITH DATA ANALYTICS

LEICESTER ADVANTAGE:

The Actuarial Science with Data Analytics MSc program focuses on initiating actuarial careers and developing skills to apply data analytics in solving real business problems. With a qualification in actuarial science and data analytics, you'll have the skills to make your mark in a range of industries. Data skills are vital for all professionals and **Data Analytics is at the heart of this course** which has been designed for maximum flexibility, allowing you potentially to gain exemptions from all the examined Core Principles subjects (**CS 1&2, CM 1&2, CB 1&2**) or, if you already have some passes under your belt, to add the **Core Practices subjects (CP 1, 2 & 3)**. After the compulsory Data Science module, you are **free to select modules** that align with your personal goals. But actuarial science is not just about quantitative data and mathematical techniques. In every module, you will be supported to develop key business skills – **problem-solving, communication, and teamwork**

Our Actuarial Science degrees are accredited by the **Institute and Faculty of Actuaries (IFoA)**. This MSc offers a fast-track route to qualifying as an actuary.

The **PGDip** option is available after **two semesters** of study and offers the potential for exemptions from all the examined **Core Principles subjects (CS 1&2, CM 1&2, CB 1&2)**.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree with relevant subjects such as **Mathematics, Statistics, Science, or Economics** are required.
- Graduates from other subjects will be considered on an individual basis, with a requirement to demonstrate proficiency in mathematics at an appropriate level.
- Applicants without at least a B grade at A-level in mathematics will need to demonstrate their mathematical ability to meet the program's requirements.
- Students with relevant work experience will also be considered.

TUITION FEE:

Starting in **September 2025**. This is the total course fee.

- MSc: **23,650 GBP**
Scholarship deduction:
23,650-3,000=20,000 GBP
23,650-5,000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

INDUSTRY OPTIONS:

Actuary, Data Science Analysis, Banking (Life Insurance and General Insurance), IT Programming, Risk Analysis, Accounting, Academic Research, Human Resources (Pensions and Health Care), others (Risk Management, Resource and environment, Finance and Investment).

JOB OPPORTUNITIES:

- Trainee/ Graduate 6,775+
- Data Analyst 4000+
- Chief Actuary 2,000+
- Risk Analyst 4400+

KEY SKILLS:

SQL is an important programming language in the data and analytics industry. The popular choice for business analysts. And scripting languages like MATLAB, Python.

MODULES

1. Fundamentals of Data Science

Option Modules:

1. Actuarial Modelling 1 (CM1)
2. Markov Processes (CS2)
3. Statistical Distributions and Inference (CS1)
4. Financial Engineering for Actuaries (CM2)
5. Business Microeconomics (CB2)
6. Business Finance (CB1)
7. Actuarial Modelling 2 (CM1)
8. Survival Models (CS2)
9. Statistical Data Analysis (CS1)
10. Liability Modelling (CM2)
11. Business Macroeconomics (CB2)

SCHOOL OF BIOLOGICAL SCIENCE

MSc BIOINFORMATICS

LEICESTER ADVANTAGE:

The MSc in Bioinformatics is a **one-year full-time course for biological sciences** graduates which will equip you with the theoretical and practical skills in data analysis and computing for a career in this multidisciplinary field. During this course, you will work on a **Linux laptop** on which you install and develop your own Bioinformatics toolkit. This laptop is provided as a loan by the University of Leicester, but ownership of the laptop will be transferred free of charge to you on successful completion of the course. This course combines **biological science with computing data analysis** to start a career in **bioinformatics**. The course covers working in a Linux environment, programming in Python and “Big Data”, learning about Bioinformatics algorithms etc.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.
- Applicants from diverse backgrounds will be reviewed by the course team.

TUITION FEE:

Starting in **September 2025**. This is the total course fee.

- MSc: **23,650 GBP**
Scholarship deduction:
 $23,650 - 3,000 = 20,000$ GBP
 $23,650 - 5,000 = 18,650$ GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or

- If the student have graduated from any of the Universities listed below: **Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs**

Will be eligible for the English Language Waiver.

JOB OPPORTUNITIES:

- Bioinformatician(data analyst/ statistician) – 4000+
- Clinical Trials – 3,765+
- Research Assistant – 3,570+
- Genome Analyst – 1,092+

KEY SKILL:

Expertise in genomic data analysis techniques, bioinformatics tools, and programming languages like Python or R. Genomic data analysis using programming languages like Python or R. experience in conducting literature reviews, data analysis, and collaboration within research teams.

MODULES:

1. Gene and genome analysis
2. Proteins
3. Bioinformatics Programming and Advanced Topics in Bioinformatics
4. Steered Research Project
5. Algorithms for Bioinformatics
6. Big Data and Predictive Analytics

CAREER SECTOR:

An explosion in biological data has resulted from genome projects, high throughput sequencing, and other ‘omics’ techniques. Molecular genetics provides you with a sound grounding to put such data into context, while bioinformatics provides the tools to analyse and exploit such data sets. The

research training you receive will provide skills that Ph.D. supervisors and employers value highly.

International students who study at the University of Leicester may be eligible for a Graduate Visa which grants permission to stay in the UK for at least 2 years after successful completion of their course.

MSc CANCER MOLECULAR PATHOLOGY AND THERAPEUTICS

LEICESTER ADVANTAGE:

Join the prestigious Leicester Cancer Research Centre to pursue the MSc Cancer Molecular Pathology and Therapeutics program. Led by internationally renowned researchers and clinicians, this course offers a comprehensive curriculum covering cancer biology, treatment modalities, prevention strategies, and biomarker discovery. You'll engage in intensive lectures, lab work, and advanced topic lectures delivered by scientists at the forefront of translational research. A key component of the course is a five to six-month research project, providing hands-on experience and the opportunity to delve deeper into key research areas. Throughout the program, you'll develop skills in critical data analysis, and scientific communication, and contribute to world-leading research efforts aimed at advancing the understanding and treatment of cancer.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree with relevant bioscience subjects like **biology, molecular biology, biochemistry, biotechnology, or pharmacology** are necessary.

- Medically qualified individuals with a robust background in **molecular biology** and/or **cell biology** are encouraged to apply.
- Students with relevant work experience will also be considered.

TUITION FEE:

Starting in **September 2025**. This is the total course fee.

- MSc: **23,650 GBP**
Scholarship deduction:
 23,650-3,000=20,000 GBP
 23,650-5,000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Clinical Pharmacist- 1,133+
- Research Assistant- 606+
- Clinical Trials Coordinator- 1000+
- Pharmaceutical Sales Representative- 909+
- Communications Specialist- 24,183+
- Medical Writer-800+

KEY SKILLS:

Pharmacology knowledge, medication dispensing, counseling, collaboration, communication. Laboratory proficiency, experimental design, data analysis, attention to detail, and organization. Regulatory compliance, project management, communication, organization, and attention to detail.

MODULES:

- Core Laboratory Techniques
- Molecular Methods and Experimental Design
- Cancer Therapeutics

ALTERNATIVE COURSE:

- CANCER CELL AND MOLECULAR BIOLOGY
- APPLIED HEALTH RESEARCH
- MEDICAL STATISTICS

MSc CANCER CELL AND MOLECULAR BIOLOGY

LEICESTER ADVANTAGE:

This full-time postgraduate degree offers comprehensive training in molecular and cell biology essential for cancer research. Key components include a four-month intensive program covering lab work, tutorials, and lectures, followed by a six-month independent research project. Emphasis is placed on understanding cellular functions, genetic modifications, and gene expression alterations crucial in cancer development and treatment. Students will gain practical skills, learn data analysis, and develop the ability to critically assess research findings. Effective communication of complex scientific concepts is also emphasized.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Starting in **January 2025** and **September 2025**. This is the total course fee.

- MSc: **23,650 GBP**
Scholarship deduction:
23,650-3,000=20,000 GBP
23,650-5,000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.

- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Medical Science Liaison- 177+
- Clinical Data Manager- 2,886+
- Oncology Nurse Specialist- 300+
- Healthcare Policy Analyst- 300+
- Pharmaceutical Research Scientist- 110+

KEY SKILLS:

In the US, key roles include Medical Science Liaison, Clinical Data Manager, Oncology Nurse Specialist, Healthcare Policy Analyst, and Pharmaceutical Research Scientist. They demand strong scientific skills, data management proficiency, clinical expertise, policy analysis capabilities, and pharmaceutical research acumen.

MODULES:

- Core Laboratory Techniques
- Research Methods in Cancer Biology
- Advanced Topics in Cancer Biology

MSc IMMUNITY, INFECTION, AND CHRONIC DISEASE

LEICESTER ADVANTAGE:

The University of Leicester offers an MSc in Immunity, Infection, and Chronic Disease to address the critical need for research scientists with expertise in immunology, infection, and chronic conditions, especially in the context of the global COVID-19 pandemic. The program provides comprehensive training by renowned experts, covering theoretical knowledge and practical skills in laboratory techniques. Emphasis is placed on understanding the link between infectious and chronic inflammatory diseases and immune mechanisms. Students engage in hands-on laboratory training and undertake research dissertation projects spanning various disciplines. The curriculum emphasizes critical analysis, experimental design, and hypothesis testing, preparing graduates for roles in clinical management, healthcare leadership, and community advocacy. Graduates contribute essential expertise to address healthcare challenges and combat misinformation with evidence-based science.

ENTRY REQUIREMENTS:

- Applicants need a 2:2 degree in a biological science like **Biochemistry, Biomedical Sciences, Microbiology, or Immunology.**
- Alternatively, significant **related work experience** in infection and immunity fields, such as in health services or biopharmaceutical labs, is acceptable.
- Medical or veterinary degree holders can apply if their coursework includes molecular biology, microbiology, and immunology components.

TUITION FEE:

Starting in **September 2025**. This is the total course fee.

- MSc: **23,650 GBP**
Scholarship deduction:
 $23,650 - 3,000 = 20,000$ GBP
 $23,650 - 5,000 = 18,650$ GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below: **Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs**

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Public Health Specialist- 4,613+
- Clinical Immunologist:- 200+
- Health Policy Advisor-2,513+
- Infectious Disease Epidemiologist-2,753+
- Clinical Research Coordinator- 300+

KEY SKILLS:

Public Health Specialists excel in epidemiology, health promotion, policy development, and community engagement. Clinical Immunologists specialize in immunology, diagnosis, treatment planning, and research. Health Policy Advisors analyze policies, engage stakeholders, and communicate public health knowledge. Infectious Disease Epidemiologists focus on epidemiology, surveillance, outbreak investigation, and disease control.

MODULES:

- Core Laboratory Techniques
- Immunity, Infection and Chronic Disease

The second semester will consist of an extended research project.

- MSc Research Project

MSc MOLECULAR GENETICS

LEICESTER ADVANTAGE:

This one-year full-time MSc in Molecular Genetics offers graduates in biological sciences an opportunity to delve into cutting-edge research at an internationally recognized center. The program emphasizes current concepts in modern molecular genetics, taught through intensive lectures and laboratory work. Students undertake a six-month research project, contributing to world-leading research in areas such as human inheritance patterns, disease genetics, cancer, circadian rhythms, and microbial pathogenesis. The cross-organism approach highlights genetics as a universal language for understanding diverse organisms, from bacteriophages to humans. Through critical analysis of data and research papers, students develop skills essential for advancing genetic research.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Starting in **January 2025** and **September 2025**. This is the total course fee.

- **MSc: 23,650 GBP**

Scholarship deduction:

23,650-3,000=20,000 GBP

23,650-5,000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below: **Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs**

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

Environmental Scientist- 1,427+

Microbiologist-133+

Research Associate(conversion genetics)- 4,523+

KEY SKILLS:

Environmental Scientist: Regulations knowledge, sampling, data analysis, ecology. Microbiologist: Microbial techniques, genetics, safety protocols. Research Associate (Conversion Genetics): Genetic modification, experimental design, collaboration, regulatory compliance.

MODULES:

- Core Laboratory Techniques
- Experimental Design and Application of Molecular Genetic Techniques in Research
- Plus your MSc Research Project

ALTERNATIVE COURSE:

- Bioinformatics

MEDIA AND COMMUNICATION

MA DIGITAL MEDIA AND SOCIETY

LEICESTER ADVANTAGE:

The MA in Digital Media and Society offers a comprehensive understanding of digital media technologies' impact on society, culture, politics, and psychology. It provides in-depth knowledge of key approaches and research methods for studying digital media offline and online. The program includes core modules and specialized options, culminating in a dissertation supervised for individually conducted research. Students gain expertise in analyzing digital media's influences and are equipped with innovative research skills to explore its complexities within contemporary society.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MSc: **21,400 GBP**
Scholarship deduction:
21,400-3,000= 18,400GBP
21,400-5,000= 16,400GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Data Analyst- 2,266+
- Data Privacy Consultant- 680+
- Digital Marketing Specialist-2000+
- Public Relations Specialist- 1,103+
- Social Media Manager:-2,410+

KEY SKILLS:

Digital marketers excel in SEO/SEM, social media, and campaign management. Public relations specialists possess excellent communication, crisis management, and media relations skills. Social media managers demonstrate expertise in strategy, content creation, community management, analytics, and campaign

MODULES:

CORE MODULES

- The Sociology of Digital Media (double module)
- Research Methods for the Online World
- The Politics of Digital Media
- Digital Media, Online Persuasion and Behavioural Change
- Critical Approaches to Data Analytics and the Digital Economy

OPTION MODULES:

Choose **two option modules** from:

- Media Audiences and Users
- Researching Media and Public Communication

- Global Communications and Development
- Global Affairs: Actors, Communication and Culture
- Strategic Communications Management
- Promotional Cultures
- Advertising and Promotion in the Digital Age
- Health Communication Theory and Practice
- Advertising Creativity
- Critical Approaches to Consumer Culture
- Gender Politics in Contemporary Media
- The Globalisation of Sexuality: Culture and Media
- Digital Media in Everyday Life

MA GLOBAL MEDIA AND COMMUNICATION

LEICESTER ADVANTAGE:

The MA in Global Media and Communication offers a comprehensive exploration of theories, perspectives, and research related to globalization, global media, and communications. It delves into the political, economic, and cultural dynamics of both national and transnational media landscapes. The curriculum critically assesses the role of media and communication technologies in shaping cultures, societies, and development processes while examining the impact of digital media and web-based cultures. Emphasis is placed on understanding global development and inequalities, exploring how communication processes can bridge or widen the gap between different regions. Upon completion, students gain a critical understanding of the interplay between globalization, media, and communication, and their varied effects on social change and development. Equipped with advanced analytical and research skills, graduates are well-prepared for various professions, with many advancing to higher positions in their respective careers.

ENTRY REQUIREMENT:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MSc: **21,400 GBP**

Scholarship deduction:

21,400-3,000= 18,400GBP

21,400-5,000= 16,400GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or

- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- International Communications Specialist- 2,634+
- Market Research Analyst- 1000+
- Development Communications Specialist- 1,200+
- International Relations Specialist- 1000+

KEY SKILLS:

Key skills in global communication include cross-cultural understanding, effective interpersonal communication, and proficiency in international relations and diplomacy. Strong analytical and research abilities are essential, along with adaptability to diverse cultural contexts. Excellent written and verbal communication skills, along with strategic thinking, are paramount for success in this field.

MODULES:

CORE MODULES

- Theories of Globalisation and New Media
- Media Research Methods
- Global Media: Structures and Representations
- Global Communications and Development
- Global Affairs: Actors, Communication and Culture

OPTION MODULES

Choose two option modules from:

- Media Audiences and Users
- Researching Media and Public Communication

- Digital Media, Online Persuasion and Behavioural Change
- Critical Approaches to Data Analytics and the Digital Economy
- Strategic Communications Management
- Promotional Cultures
- Advertising and Promotion in the Digital Age
- Health Communication Theory and Practice
- Gender Politics in Contemporary Media
- The Globalisation of Sexuality: Culture and Media
- Digital Media in Everyday Life

MA MASS COMMUNICATION

LEICESTER ADVANTAGE:

The MA in Mass Communications offers a comprehensive understanding of media and communication processes, spanning national and global contexts. It blends historical insights with critical analysis of contemporary theories. Key areas covered include media production, news dissemination, communication policy, and cross-national media systems. Students engage in critical debates on media's societal roles and develop proficiency in quantitative and qualitative research methods for analyzing media organizations, professionals, content, and audiences. Equipped with advanced analytical skills, graduates are prepared for professional advancement or further academic pursuits in the dynamic field of media and communication research.

ENTRY REQUIREMENT:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MSc: **21,400 GBP**
Scholarship deduction:
21,400-3,000= 18,400GBP
21,400-5,000= 16,400GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Market Research Analyst- 894+
- Communications Specialist-2,298+
- Content Developer- 100+
- Audience Researcher-300+
- Media Engagement Analyst- 200+

KEY SKILLS:

Students develop critical analysis in media and cultural studies, proficiency in quantitative and qualitative research methods, understanding of media theories, audience research skills, and expertise in researching media's role in public communication, all essential for navigating contemporary media landscapes and addressing societal challenges effectively.

MODULES:

CORE MODULES

- Contemporary Issues in Media and Cultural Studies
- Media Research Methods
- Media and Communication Theory
- Media Audiences and Users
- Researching Media and Public Communication

OPTION MODULES

Choose **two option modules** from:

- Digital Media, Online Persuasion and Behavioural Change
- Critical Approaches to Data Analytics and the Digital Economy
- Global Communications and Development
- Global Affairs: Actors, Communication and Culture
- Strategic Communications Management
- Promotional Cultures
- Advertising and Promotion in the Digital Age
- Health Communication Theory and Practice
- Advertising Creativity
- Critical Approaches to Consumer Culture
- Gender Politics in Contemporary Media
- The Globalisation of Sexuality: Culture and Media
- Digital Media in Everyday Life

ALTERNATIVE COURSE:

- Global media and communication
- Media and advertising

MA MEDIA AND ADVERTISING

LEICESTER ADVANTAGE:

The MA Media and Advertising program provides a comprehensive understanding of the advertising industry, blending theoretical knowledge with practical research skills. Through multidisciplinary approaches, students explore advertising's role in media and consumer societies, its ubiquity in promotional culture, and its impact on consumer behavior. They learn to critically evaluate advertising messages and campaigns using various research methods and gain insights into marketing strategies and consumer behavior. The curriculum includes guest lectures from industry professionals, offering real-world perspectives. Taught by experts in media and communication, graduates are well-prepared for careers in advertising,

marketing, or further research pursuits. The program emphasizes individual research through a dissertation, allowing students to delve into topics of personal interest while honing analytical, project management, and presentation skills.

ENTRY REQUIREMENT:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MSc: **21,400 GBP**
Scholarship deduction:
21,400-3,000= 18,400GBP
21,400-5,000= 16,400GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with **20** minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below: **Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs**

Will be eligible for the English Language Waiver.

JOB AVAILABILITY

- Promotions Manager- 1,103+
- Social Media Marketing Manager- 300+
- Digital Advertising Specialist-250+
- Campaign Analyst- 500+
- Digital Marketing Specialist- 1,255+

KEY SKILLS:

Students develop critical analysis in media and cultural studies, proficiency in quantitative and qualitative research methods, **understanding of media theories**, audience research skills, and **expertise in researching media's role** in public communication, all essential for navigating contemporary media landscapes and addressing societal challenges effectively.

MODULES:

CORE MODULES

- Advertising and Society
- Media Research Methods
- Principles and Practice of Marketing
- Advertising Analysis
- Advertising and Promotion in the Digital Age

- Promotional Cultures

OPTION MODULES:

Choose **one option module** from:

- Media Audiences and Users
- Health Communication Theory and Practice
- Researching Media and Public Communication
- Advertising Creativity
- Critical Approaches to Data Analytics and the Digital Economy
- Digital Media, Online Persuasion and Behavioural Change
- Strategic Communications Management
- Critical Approaches to Consumer Culture
- Gender Politics in Contemporary Media
- The Globalisation of Sexuality: Culture and Media
- Digital Media in Everyday Life

DISSERTATION:

The dissertation offers an opportunity to delve into a chosen topic within advertising and media, applying acquired skills in project management, data analysis, and critical theory. Modules presented represent current options, subject to potential future adjustments in module availability and content.

MA MEDIA AND PUBLIC RELATIONS

LEICESTER ADVANTAGE

The MA in Media and Public Relations offers a comprehensive understanding of PR principles and practices, covering the sector's structure, historical context, and global variations. Students analyze classic and emerging PR strategies, learn research methodologies for campaign effectiveness, crisis management, and examine the relationship between PR and the media. Taught by experienced practitioners and academics, the course equips students with critical analysis skills and practical knowledge essential for career advancement or further academic pursuits. Partnership with the PRCA provides additional benefits, including free membership, access to training, networking events, and work placements, enhancing students' professional development opportunities.

ENTRY REQUIREMENT:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

- MSc: **21,400 GBP**
Scholarship deduction:
21,400-3,000= 18,400GBP
21,400-5,000= 16,400GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY

- Corporate Communications Specialist- 2,2048+
- Strategic Communications Manager-10,546
- PR and Media Relations Officer-500+
- Market Research Analyst-808+
- Communications Manager-1258+
- Public Relations Specialist-1,055+

KEY SKILLS:

In Public Relations: understanding societal dynamics and PR's role, communication, cultural sensitivity, and critical thinking are crucial. Media Research Methods require proficiency in quantitative and qualitative methodologies, data analysis, and critical thinking. PR, Journalism, and Networked Media involve media relations, journalistic principles, and digital communication proficiency. Strategic Communications Management entails strategic planning, messaging, and crisis communication, necessitating leadership and stakeholder engagement.

MODULES:

CORE MODULES

- Public Relations: Culture and Society
- Media Research Methods
- PR, Journalism and Networked Media
- Strategic Communications Management

OPTION MODULES:

Choose **one option module** from:

- Promotional Cultures
- Digital Media, Online Persuasion and Behavioural Change

Then choose **two option modules** from:

- Media Audiences and Users
- Health Communication Theory and Practice
- Global Communications and Development
- Digital Media, Online Persuasion and Behavioural Change
- Promotional Cultures
- Critical Approaches to Consumer Culture
- Gender Politics in Contemporary Media
- Advertising Creativity
- The Globalisation of Sexuality: Culture and Media
- Digital Media in Everyday Life
- Critical Approaches to Data Analytics and the Digital Economy

Modules shown represent choices available to current students. The range of modules available and the content of any individual module may change in future years.

GEOGRAPHY

MSC SATELLITE DATA SCIENCE

MSC SATELLITE DATA SCIENCE

LEICESTER ADVANTAGE:

Analysing satellite data is key to monitoring air quality, land use and deriving climate change indicators and has many commercial uses. Satellite Data Science MSc teaches the principles and applications of remote sensing and data science techniques. Satellite observations of the Earth provide us with detailed information about the natural environment and allow us to monitor how humans are altering the planet. Uptake, use, and commercialisation of Earth observation data demands expertise in data analysis. **The course is accessible to students without a strong computing and mathematical background.**

The University of Leicester is the **UK hub of Earth observations** research and expertise. We host the **NERC National Centre for Earth Observation (NCEO)**, established the **Centre for Landscape and Climate Research (CLCR)** in 2012, and created the world-class **Leicester Institute for Space and Earth Observation (LISEO)** in 2016 following 55 years of international space research.

ENTRY REQUIREMENT:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree. A good honours degree or equivalent in related subjects dealing with **Computer science, Information Technology or Mathematics**. Non-standard qualification or **professional experience** in a relevant area may be considered.

TUITION FEE:

Starting in **September 2025**. This is the total course fee.

- MSc: 23,650 GBP
- MSc with industry: 23,650

Scholarship deduction:

23,650-3,000=20,650GBP

23,650-5,000=18,650GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Geospatial Analysis-3,182+
- Remote Sensing- 2519+
- Satellite Data Science-2908+

- satellite technology- 12,633+
- space exploration and data science- 25,010+

KEY SKILLS:

Data Analysis and Statistics, Programming and Software Development(Python or R) Machine Learning and AI, **Geospatial Analysis**, Image Processing, **Programming Libraries and Frameworks**(GDAL, NumPy, SciPy, and)TensorFlow., Problem-Solving Skills, Project Management, Regulatory Compliance

STUDENTS PLACED:

- Airbus Defence and Space
- Surrey Satellite Technology Limited (SSTL)
- Earth- iTelespazio VEGA UK
- Satellite Applications Catapult
- Inmarsat
- RHEA Group
- CG
- Deimos Space UK
- Orbex

MODULES:

CORE MODULES

- Fundamentals of GIS
- R for Data Science
- Remote sensing
- Earth observations of the atmosphere
- Satellite Data Analysis in Python
- Big Data and Predictive Analytics

OPTION MODULES:

- Field Data Capture
- Geospatial Data Analytics
- Geospatial Artificial Intelligence

ALTERNATIVE COURSE:

- Environmental Data Science MSc
- Environmental Futures MSc
- Geographical Data Science MSc

FACILITIES:

All students will have full access to the Planet data archive, a valuable resource for projects and dissertations. Planet, a **£10M investment in Space Park Leicester**, provides high-resolution, frequent imaging of Earth's land surface. Teaching resources are available through the Planet School API, with training materials accessible via Planet University. Students can use a dedicated geoprocessing platform to implement data science ideas on a cloud-based system that facilitates stakeholder interaction. Additional facilities include access to the **Space Park Leicester drone lab**, a **3D visualization lab**, and the University's High Performance Computing system.

SCHOOL OF CHEMISTRY

MSc CHEMISTRY

ENTRY REQUIREMENT:

If the student score 60% ,first class, B grade in UG eligible to apply this course. Relevant work experience also considered.

TUITION FEE:

Starting in **September 2025**. This is the total course fee.

- MSc: 23,650 GBP
- MSc with industry: 23,650

Scholarship deduction:

23,650-3,000=20,650GBP

23,650-5,000=18,650GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

RESEARCH:

In the latest **Research Excellence Framework** (REF, the UK system for assessing research quality), the School of Chemistry received very positive evaluations. Highlights include:

- 100% of our research was rated as either '**world-leading**' (4*) or 'internationally excellent' (3*), making us one of only six universities in the UK to achieve this distinction.
- We are ranked **22nd out of 41** submissions for the overall quality of our research in Chemistry, according to the **REF2021 Times Higher Education rankings**.
- The **Times Higher Education (THE)** analyzed the **REF2021 results** and ranked the performance of each institution.

Our research activities span the full range of chemical science, including:

- Synthetic organic chemistry
- Biological chemistry
- Polymers
- Catalysis
- Organometallic chemistry
- Green chemistry
- Fluorine chemistry
- Computational modelling
- Nanoparticles
- Molecular spectroscopy
- Atmospheric chemistry
- Electrochemistry
- Chemistry education

JOB AVAILABILITY:

- Research Scientist- 900+
- Process Control Engineer- 5,999+
- Advanced Clinical Practitioner- 2,909+

KEY SKILLS:

Proficiency in data analysis, statistical software, and interpreting complex scientific data. Expertise in laboratory techniques, instrumentation, and technology relevant to their field. Deep understanding of control systems, including PLCs (Programmable Logic Controllers) and SCADA (Supervisory Control and Data Acquisition)

CORE MODULES

- Advanced Research and Communication Skills
- Advanced Practical Techniques and Skills
- MSc Research Project

OPTION MODULES

Choose **three option modules** from:

- Advanced Structure Determination
- Advanced Synthetic Methods
- Earth System Science
- Computational Chemistry and Quantum Mechanics
- Bioinorganic Chemistry
- Advanced Topics in Medicinal Chemistry

RELATED COURSE:

- Forensic Science and Criminal Justice MSc

SCHOOL OF MUSEUM STUDIES

MA MUSEUM STUDIES

ENTRY REQUIREMENT:

To be eligible for this course, students must have achieved a **minimum of 60%** (First Class or B grade) in their undergraduate degree.

Applicants without a degree **can qualify** through **professional or vocational** qualifications and/or relevant work experience, which must be clearly documented. Experience can come from various work or volunteer settings. A demonstrated commitment to or **strong interest in museums, galleries**, or other cultural organizations is also required.

If you do not have a degree, you may need to complete an assessment, such as an essay, to show your readiness for postgraduate study. Clear guidance on the assessment criteria will be provided, and **you may also need to attend an interview**.

TUITION FEE:

Starting in **September 2025**. This is the total course fee.

- MSc: 22,300 GBP
- **Scholarship deduction:**
- 22,300-3,000=20,300 GBP
- 22,300-5,000=17,300 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**

4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Developing Professional Practice- 12,564+
- Designing for Creative Lives- 538+
- Engaging Audiences- 2,491+
- Specialisms- 4,619+

KEY SKILLS:

Key skills include project management, communication, budgeting, and knowledge of museum policies. Creativity, design proficiency, audience engagement, and specialized knowledge are also crucial for creating engaging exhibitions and programs.

WORK PLACEMENT:

- **Work Placement:** Students on campus-based masters programmes in Museum Studies and Art Museum and Gallery Studies undertake an **8-week**, full-time work placement between **July and September**, forming their final module known as 'Practice'.
- **Valuable Experience:** The placement provides valuable sector experience and network-building opportunities for students,

allowing them to apply the skills and knowledge developed during the course.

- **Smooth Transition:** Taking place at the end of the programme, the placement facilitates a smooth transition from postgraduate **student life into work in the cultural sector.**
- **Extensive Network:** The placement is made possible through an extensive network of museums and galleries **developed over 50 years**, consisting of over **200 organizations** across the UK and beyond.
- **Bespoke Placements:** Students can select placements from a wide range of museums, galleries, heritage sites, and cultural organizations, with projects offered across all areas of sectoral work.
- **Support:** Staff at the School support students in putting together professional applications and offer networking opportunities with placement hosts, many of whom are alumni committed to supporting the next generation of practitioners.

RELATED COURSE:

- Art Museum and Gallery Studies
- Museum Studies

MA ARTS MUSEUM AND GALLERY STUDIES

LEICESTER ADVANTAGE:

As an MA student, you'll complete six taught modules and a professional placement. You'll also do a supervised research project on a topic you choose. Your course fee covers regular study visits, and you can apply for the British Council Venice Fellowship Programme to spend a month researching in Italy during the Venice art or architecture biennale.

ENTRY REQUIREMENT:

To be eligible for this course, students must have achieved a **minimum of 60%** (First Class or B grade) in their undergraduate degree.

Applicants without a degree **can qualify** through **professional or vocational** qualifications and/or relevant work experience, which must be clearly documented. Experience can come from various work or volunteer settings. A demonstrated commitment to or **strong interest in museums, galleries**, or other cultural organizations is also required.

If you do not have a degree, you may need to complete an assessment, such as an essay, to show your readiness for postgraduate study. Clear guidance on the assessment criteria will be provided, and **you may also need to attend an interview**.

TUITION FEE:

Starting in **September 2025**. This is the total course fee.

- MSc: 22,300 GBP
- Scholarship deduction:**
- $22,300 - 3,000 = 20,300$ GBP
 - $22,300 - 5,000 = 17,300$ GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with **20** minimum in each component.

3. **PTE 61 with 59 minimum in each component.**

4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Gallery Assistant 100+
- Museum Educator-99+
- Collections Manager-50+
- Conservator-25+

KEY SKILLS:

Key skills across these modules include research, analytical abilities, writing, communication, project management, curatorial planning, design proficiency, collection management, conservation, practical museum skills, and professional networking. These skills enable students to effectively engage with art, history, curation, and collection management in various professional settings.

MODULES

- Locating Art
- Making Art History
- Curating Now
- Managing Art Collections
- Designing for Creative Lives

- Entering the Field
- Practice (double module)

CAREER AND EMPLOYABILITY:

Whether you are new to the sector or building on existing experience, our **eight-week work placement** module offers crucial professional experience. The **AMAGS program** engages with critical concepts, issues, and methodologies while providing flexibility to develop your own research interests, making it excellent preparation for a research degree. Additionally, graduates can join the **Museum Studies Connect network**, which brings together a global community of professionals working in the **arts, museum, and heritage sectors**.

SCHOOL OF BUSINESS

MANAGEMENT

MSc MANAGEMENT

LEICESTER ADVANTAGE:

Designed for new graduates and early-career professionals, our MSc in Management, accredited by the **Association of MBAs (AMBA)**, equips you with essential managerial skills. The course integrates anthropology, economics, sociology, politics, psychology, and traditional management theories, offering tailored study options.

The School of Business holds the prestigious Small Business Charter Award and is a signatory to the **UN's Principles for Responsible Management Education (PRME)**. Additionally, our partnership with the **Chartered Management Institute (CMI)** awards you **CMI's Level 7 Diploma and Foundation Chartered Manager status**, joining a network of over 100,000 professionals.

TUITION FEE:

Tuition Fee for **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

Students who scored 60% in their undergraduate degree will receive a scholarship of 3,000GBP. Those who scored 65% or higher will be awarded a scholarship of 5,000GBP.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Management Consultant
- Project Manager
- Marketing Manager
- Business Development Manager

KEY SKILLS:

Data Analysis, Digital Marketing, Data Analysis & Time Management

MODULES:

- Marketing Management
- Managing change & uncertainty
- Leading managing & developing people
- Accounting & Finance for managers
- Business Economics

MSc INTERNATIONAL MANAGEMENT

LEICESTER ADVANTAGE:

The MSc in Management offers a comprehensive understanding of management functions within diverse contexts. It covers economic, social, and political influences on organisations. Specialised modules include corporate governance and international HR management. The program enhances critical thinking, research, and practical skills. Graduates gain expertise in independent research and ethical management practices. Tailored for recent graduates and early-career professionals, it ensures competence and ethical leadership. Accredited by the Association of MBAs (AMBA), it upholds high standards in management education.

TUITION FEE:

Tuition Fee for **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

Students who scored 60% in their undergraduate degree will receive a scholarship of 3,000GBP. Those who scored 65% or higher will be awarded a scholarship of 5,000GBP.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs will be eligible for the English Language Waiver.

JOB AVAILABILITY:

- Management Consultant
- Project Manager
- Marketing Manager
- Business Development Manager

KEY SKILLS:

Data Analysis, Digital Marketing, Data Analysis & Time Management

MODULES:

- Marketing Management
- Managing change & uncertainty
- Leading managing & developing people
- Accounting & Finance for managers
- Business Economics

MSc HEALTHCARE MANAGEMENT

LEICESTER ADVANTAGE:

The MSc in Healthcare Management blends management fundamentals with their application in healthcare. Core modules cover health systems, decision-making, economics, organizational behavior, and digital innovation. Key skills include communication, problem-solving, teamwork, and independent research. The program caters to undergraduates in medical degrees as an intercalated MSc (iMSc). Graduates gain critical evaluation skills for healthcare literature, understanding national and global contexts. They develop competencies to lead and manage clinical professionals and ensure quality and safety in healthcare. Designed for NHS or similar healthcare leadership roles, it emphasizes competence, capability, and ethics. It meets rigorous standards for healthcare management education.

ENTRY REQUIREMENTS:

- Strong honours degree or equivalent in medical or closely related subjects.
- Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience

will also be considered.

TUITION FEE:

Tuition Fee for **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 54** with 51 minimum in each component
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

7. Applications developer – 15,520+
8. Database administrator – 1,181+
9. Games developer – 3000+
10. Web developer – 6,234+
11. Web designer – 2,921+
12. Software engineer – 30882+

KEY SKILLS:

Core programming languages like **C++, C#, Java, Lisp, and Python**. Basic understanding and knowledge of these languages will be helpful during the job search

MODULES:

12. Personal and Group Skills
13. Computational Intelligence and Software Engineering
14. Software Measurement and Quality Assurance
15. Mobile and Web Applications
16. Advanced C++ Programming
17. Advanced Web Technologies
18. Agile Cloud Automation
19. Internet and Cloud Computing
20. Interaction Design (ID) and User Experience (UX)
21. Mobile and Ubiquitous Computing
22. Operational Research

RELATED COURSES:

- Cloud computing MSc
- Advance software Engineering MSc
- Data science MSc

MSc INTERNATIONAL BUSINESS

LEICESTER ADVANTAGE:

The **MSc International Business** equips students with **practical skills and knowledge** to tackle international business challenges, including **language barriers, global team management, and cultural differences**. The program covers **economic, political, ethical, social, legal, and technical aspects** of international business, emphasizing **data analytics, strategic planning, decision-making, and operations management**. It fosters **critical insights and analytical skills** for leading strategic change. Students benefit from **multiple intakes**, learning within an **established international community**, and **networking opportunities**. This course suits those starting or developing businesses globally and those considering **PhD research** in international business or entrepreneurship.

ENTRY REQUIREMENT:

If the student scores 60%, first class, B grade in UG eligible to apply to this course. Relevant work experience also considered or a postgraduate diploma from a recognised institution

TUITION FEE:

Tuition Fee for **January 2025, April 2025 and September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below: **Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs**

Will be eligible for the English Language Waiver.

JOB AVAILABILITY:

Data Analyst- 2655+

Export Manager- 1047+

Business Development Manager- 4,476+

International Business Consultant- 1,097

Operation Mangaer- 2,998+

International Marketing Manager- 2978+

KEY SKILLS:

Each role requires specific expertise: **Data Analysts** analyze data using tools like Excel and Python, while **Export Managers** navigate international trade regulations and negotiate logistics. **Business Development Managers** identify opportunities and build relationships, **Operations Managers** optimize workflows, and **International Marketing Managers** craft global strategies with cross-cultural finesse.

MODULES:

SEMESTER ONE

- Accounting for Accountability and Decision Making
- Global Strategy, International Marketing and Operations Management

Modules shown represent choices available to current students. The range of modules available and the content of any individual module may change in future years.

SEMESTER TWO

- Principles and Practices of International Business
- Market Intelligence, Data Analysis and Research Methods

Modules shown represent choices available to current students. The range of modules available and the content of any individual module may change in future years.

TERM 3

Choose either

- International Business Dissertation

- International Business Project

Modules shown represent choices available to current students. The range of modules available and the content of any individual module may change in future years.

MSc HUMAN RESOURCE MANAGEMENT AND TRAINING

LEICESTER ADVANTAGE:

This degree looks in depth at human resource management and training processes and their relationship with organisational performance and culture. It provides strategic guidance and education to employees and organisation. You will acquire the specialist knowledge and skills needed to succeed as a professional in the field of HR management and training. **The course is accredited by the Chartered Institute of Personnel and Development (CIPD).**

ENTRY REQUIREMENT:

If the student score 60% ,first class, B grade in UG eligible to apply to this course. Relevant work experience also considered or a postgraduate diploma from a recognised institution

TUITION FEE:

Tuition Fee for **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with **20** minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or

- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

CAREER DEVELOPMENT:

Throughout the program, there is an emphasis on the demands of employers for **critical and analytical problem-solving skills, team working**, and the **ability to present and communicate ideas**, along with the personal and professional skills that you require to keep pace with rapid changes in the workplace and an ever-changing world. We have dedicated **in-house careers staff** who work closely with the **University's Career Development Service** to make sure you get support to achieve your aspirations

JOB OPPORTUNITIES:

- HR Generalist- 1,682+
- HR Specialist- 5,973+
- Training and Development- 2,49,720+
- Public Relations- 7,541+
- HR Administrator- 7,541+

KEY SKILLS:

HR Generalist: Versatility in HR functions like recruitment, employee relations, and performance management. HR Specialist: Expertise in specific HR areas such as compensation or talent acquisition. Training and Development: Strong knowledge of training methodologies and employee development. Public Relations: Exceptional communication, media relations, and crisis management skills. HR Administrator: Detail-oriented with organizational and administrative proficiency.

MODULES:

SEMESTER 1:

1. Academic Practice
2. Managing Human Resources in a business context
3. Employee development and workplace learning

SEMESTER 2:

1. Implementing improvements in organisational performance
2. Managing changes and technology at work

ACCOUNTING:

MSC ACCOUNTING AND FINANCE

LEICESTER ADVANTAGE:

The MSc in Accounting and Finance will provide you with a thorough understanding of finance and accounting concepts and their application within organisations. This course holds exemption accreditations with **CIMA** on eleven of our modules. **CIMA** is the **professional body of management accountants**.

The School of Business holds a prestigious Small Business **Charter Award** for our contributions to **businesses and entrepreneurs**, and for sharing innovation expertise.

ENTRY REQUIREMENT:

If the student score 60% ,first class, B grade in UG eligible to apply to this course. Relevant work experience also considered or a postgraduate diploma from a recognised institution

TUITION FEE:

Tuition Fee for **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with **20** minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB OPPORTUNITIES:

- Information and Technology Accountant 1,000+
- Auditing 6,649+
- Financial Analyst 2,633+
- Corporate Controlling 600+

KEY SKILLS:

Information and Technology Accountant: Proficiency in accounting with a focus on technology integration. **Auditing:** Expertise in financial examination, compliance, and risk assessment. **Financial Analyst:** Strong analytical, forecasting, and financial modeling skills. **Corporate Controlling:** Strategic financial planning, budgeting, and variance analysis proficiency.

MODULES:

SEMESTER 1

1. Financial analysis and investment
2. Financial modelling
3. Financial statement: theory, practice and critique
4. Financial risk management

SEMESTER 2

1. Accountability, representation, and control
2. Social and environmental accounting
3. International money and finance
4. Corporate finance

TERM 3

1. Management Accounting
2. Accounting Analysis and Valuation: Private and Public Sectors
3. Dissertation

MSc MANAGEMENT, FINANCE, AND ACCOUNTING

LEICESTER ADVANTAGE:

Finance and accounting are the backbones of many organisations. But without good management, things can easily fall apart. Students learn how to solve complex finance and accounting problems, and keep organisations

moving in the right direction. This course holds exemption **accreditation with CIMA** on 11 of their modules. CIMA is the professional body of management accountants. Students develop an understanding of the main **theories, models, frameworks, and techniques of management**. The course will prepare you for management level accounting and finance careers in public or private sector organisations, or an academic career in this area.

The School of Business holds a prestigious Small Business **Charter Award** for our contributions to **businesses and entrepreneurs**, and sharing of innovation expertise.

ENTRY REQUIREMENT:

If the student scores 60% ,first class, B grade in UG eligible to apply this course. Relevant work experience also considered or a postgraduate diploma from a recognised institution

TUITION FEE:

Tuition Fee for **January 2025, April 2025 and September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB OPPORTUNITIES:

- Information and Technology Accountant 9,899+
- Auditing 6,320+
- Financial Analyst 3,2864+
- Corporate Controlling 915+

KEY SKILLS:

Information and Technology Accountant: Proficiency in accounting with a focus on technology integration. Auditing: Expertise in financial examination, compliance, and risk assessment. Financial Analyst: Strong analytical, forecasting, and financial modeling skills. Corporate Controlling: Strategic financial planning, budgeting, and variance analysis proficiency.

MODULES:

SEMESTER 1

1. Accounting for Accountability and decision-making
2. Global strategy, international marketing and operation management

SEMESTER 2

1. Business analytics
2. Strategic financial management

TERM 3

1. Research Methods and Dissertation

FINANCE AND ECONOMICS:

MSc BANKING AND INTERNATIONAL FINANCE

LEICESTER ADVANTAGE:

Students will gain a strong command of analytical techniques, computing, and research methods for problem-solving and develop their critical analysis of economic theories and debates. The MSc in Banking and International Finance provides a comprehensive insight into the principles of banking and finance and is the ideal foundation for a wide range of professional roles. Once you are studying here in Leicester you can apply to complete a **six-month MSc International Banking and Finance (MIBF)** program in the Department of Economics at Lingnan University in Hong Kong. After completing a **12-month course at Leicester** and a six-month course at Lingnan you will receive **two MSc degrees** - one from each university.

The School of Business holds a prestigious Small Business **Charter Award** for our contributions to **businesses and entrepreneurs**, and for sharing innovation expertise.

ENTRY REQUIREMENT:

If the student score 60% ,first class, B grade in UG eligible to apply this course. Relevant work experience also considered or a postgraduate diploma from a recognised institution

TUITION FEE:

Tuition Fee for **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with **20** minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or

- If the student have graduated from any of the Universities listed below: **Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs**

Will be eligible for the English Language Waiver.

JOB OPPORTUNITIES:

- Relationship Manager 10,000+
- Financial Analyst 3,282+
- Corporate Controlling 2,000+

KEY SKILLS:

Relationship Manager: Excellent communication, interpersonal, and negotiation skills. **Financial Analyst:** Strong analytical, forecasting, and financial modeling abilities. **Corporate Controlling:** Proficiency in strategic financial planning, budgeting, and variance analysis.

MODULES:

SEMESTER 1

1. Financial analysis and investment
2. Financial modelling
3. Financial statement analysis
4. Financial risk management

SEMESTER 2

1. The macroeconomic environment
2. International money and finance
3. Principles of banking
4. Corporate finance

TERM 3

1. Advanced Money and Banking

2. Business and Financial Forecasting

Modules shown represent choices available to current students. The range of modules available and the content of any individual module may change in future years.

ALTERNATIVE COURSE:

- Financial Risk Management
- Business Analysis and Finance

MSc BUSINESS ANALYSIS AND FINANCE

LEICESTER ADVANTAGE:

The MSc in Business Analysis and Finance provides you with the opportunity to apply your knowledge of economics to the analysis of business problems and finance. To help you develop the skills that leading employers ask for, and let you see how traders work, we have **16 Bloomberg terminals in the ULSB Trading Room** in the School of Business. The course combines advanced academic learning with real-world practical insights and will open up a wide range of career opportunities. The School of Business holds a prestigious Small Business **Charter Award** for our contributions to **businesses and entrepreneurs**, and for sharing innovation expertise.

ENTRY REQUIREMENT:

If the student score 60% ,first class, B grade in UG eligible to apply to this course. Relevant work experience also considered or a postgraduate diploma from a recognised institution

TUITION FEE:

Tuition Fee for **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with **20** minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB OPPORTUNITIES:

- Revenue Management 20,000+

- Financial Analyst 3,270+
- Corporate Controlling 2,900+

KEY SKILLS:

Revenue Management: Pricing strategies, demand forecasting, revenue optimization. **Financial Analyst: Analytical**, forecasting, financial modeling. **Corporate Controlling: Strategic financial planning, budgeting**, variance analysis.

MODULES:

SEMESTER 1

1. Financial analysis and investment
2. Financial modelling
3. Financial statement analysis
4. Financial Risk Management

SEMESTER 2

1. Economics of organisation
2. Corporate finance
3. International money and finance
4. The Macroeconomic environment

TERM 3

1. Management Accounting
2. Business and Financial Forecasting

MSc FINANCE

LEICESTER ADVANTAGE:

The degree will equip you with confidence in the use and presentation of economic arguments in your professional role. Msc in Finance will develop an in-depth understanding of the principles of finance, investment analysis along with the economic principles underlying them. This course is approved by the **Chartered Financial Analysis Institute** and provides you with a foundation for a career in the finance industry or a finance-related role more broadly such as in business, government, or a major international organisation. The University is recognized as a **CFA Programme Partner Institution** of the **Chartered Financial Analysis Institute**. This course covers **over 70%** of the CFA® Candidate Body of Knowledge. The MSc in Finance opens up career options as an **economic or financial analyst in business, government, or a major international organisation**.

The School of Business holds a prestigious Small Business **Charter Award** for our contributions to **businesses and entrepreneurs**, and for sharing innovation expertise.

ENTRY REQUIREMENT:

If the student scores 60% ,first class, B grade in UG eligible to apply this course. Relevant work experience also considered or a postgraduate diploma from a recognised institution

TUITION FEE:

Tuition Fee for **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with **20** minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB OPPORTUNITIES:

- Relationship Manager-100+
- Financial Analyst 10,000+
- Corporate Controlling 2000+

KEY SKILLS:

Relationship Manager: Strong **communication**, interpersonal, and negotiation skills. **Financial Analyst:** Advanced **analytical**, forecasting,

and financial modeling abilities. **Corporate Controlling:** Proficiency in **strategic financial planning**, budgeting, and variance analysis.

CAREER AND EMPLOYABILITY:

Our finance and economics courses are developed to match employer needs, highly regarded in business and government, nationally and internationally. **MSc Finance** includes a 3-week introductory module covering CFA Institute Investment Foundations Certificate and Bloomberg Essentials, enhancing employability. Many graduates excel in major banks, companies, governments, academia, and education. A **postgraduate qualification** from University of Leicester is career-changing, signaling commitment to skill development. The **Career Development Service** offers support from Freshers' Week to Graduation and beyond, aiding in professional goal attainment.

MODULES:

SEMESTER 1

1. Financial analysis and investment
2. Financial modeling
3. Financial statement analysis
4. Financial risk management

SEMESTER 2

1. Corporate Finance
2. Financial Derivatives
3. Fixed-Income Securities
4. Principles of Banking

TERM 3

1. Investment Management
2. Behavioural Finance

RELATED COURSE:

- Accounting and Finance
- Management, Finance and Accounting

MSc FINANCIAL RISK MANAGEMENT

LEICESTER ADVANTAGE:

The degree provides excellent preparation for employment within the finance industry, particularly in an analytical or risk management role. We are also an Academic Partner of **The Global Association of Risk Professionals (GARP)**. **Accreditation by GARP** ensures that this course will prepare you for the **Financial Risk Management (FRM)** professional exams and give you the skills you need to succeed in your career. To help you develop the skills that leading employers ask for, and let you see how traders work, we have **16 Bloomberg terminals in the ULSB Trading Room** at the School of Business.

The School of Business holds a prestigious Small Business **Charter Award** for our contributions to **businesses and entrepreneurs**, and sharing of innovation expertise.

ENTRY REQUIREMENT:

If the student scores 60% /first class/ B grade in UG is eligible to apply to this course. Relevant work experience also considered or a postgraduate diploma from a recognised institution

TUITION FEE:

Tuition Fee for **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB OPPORTUNITIES:

- Financial Analyst 10,000+
- Corporate Controlling 2000+

- Relationship Manager-100+

KEY SKILL:

Relationship Manager: Strong **communication**, interpersonal, and negotiation skills. **Financial Analyst:** Advanced **analytical**, forecasting, and financial modeling abilities. **Corporate Controlling:** Proficiency in **strategic financial planning**, budgeting, and variance analysis.

MODULES:

SEMESTER 1

1. Financial analysis and investment
2. Financial modelling
3. Financial statement analysis
4. Financial risk management

SEMESTER 2

1. C++ programming for finance
2. Financial derivatives
3. Fixed income securities
4. The macroeconomics environment

TERM 3

1. Advanced Financial Risk Management
2. Investment Management

MARKETING

MSc DIGITAL MARKETING

LEICESTER ADVANTAGE:

The MSc in Digital Marketing is designed for graduates and professionals wanting to develop the skills and competencies needed for a career in digital industries and marketing and communications sectors. The **Chartered Institute of Marketing (CIM)** is a global organization dedicated to advancing the marketing profession, maintaining standards, and enhancing practitioners' skills. Our university's MSc Marketing course is **CIM accredited**, offering exemptions from specific CIM modules upon completion. However, pursuing these CIM qualifications requires direct application and additional fees.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025** and **September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 5.5 minimum in each component.
2. **TOEFL 90** with **20** minimum in each component
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below:
Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs

Will be eligible for the English Language Waiver.

JOB OPPORTUNITIES:

- Brand Manager- 13,000+
- Marketing Manager- 2000+
- Industry Marketing Manager- 8000+
- Digital Marketing Executive- 1000+
- Digital Marketing Lead- 100+

KEY SKILLS:

Key skills for these marketing roles include strategic thinking, market research, and consumer behavior analysis. Proficiency in digital marketing tools, SEO, SEM, and social media management is crucial. Strong communication, leadership, and project management abilities are essential, along with content creation and data-driven decision-making. Analytical skills, creativity, and the ability to collaborate effectively across teams are also important. Additionally, expertise in CRM, brand positioning, and budget management is vital for success in these positions.

MODULES:

- Marketing Management and Practice
- Consumers, Brands and Communications
- Market Intelligence, Data Analysis and Research Methods
- Producing and Managing Digital Content

Plus Dissertation Digital Marketing.

MSc MARKETING

LEICESTER ADVANTAGE:

The **Chartered Institute of Marketing (CIM)** is a global organization dedicated to advancing the marketing profession, maintaining standards, and enhancing practitioners' skills. Our university's MSc Marketing course is **CIM accredited**, offering exemptions from specific

CIM modules upon completion. However, pursuing these CIM qualifications requires direct application and additional fees.

ENTRY REQUIREMENTS:

Students must have achieved a minimum of 60% (First Class or B grade) in their undergraduate degree and a relevant work experience will also be considered.

TUITION FEE:

Tuition Fee for **January 2025, April 2025 and September 2025** intake:

MSc: **23,650 GBP**

Scholarship deduction:

- 23,650- 3000=20,650 GBP
- 23,650-5000=18,650 GBP

SCHOLARSHIP:

- Students who score 60% in their undergraduate degree will receive a scholarship of £3,000.
- Those who score 65% or higher will be awarded a scholarship of £5,000.

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with a 6 minimum in each component.
2. **TOEFL 90** with **20** minimum in each component
3. **PTE 61 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English or
- If the student have graduated from any of the Universities listed below: **Delhi, Pune, Mumbai, Bangalore, Madras, Anna University, IIT, and IIMs**

Will be eligible for the English Language Waiver.

JOB OPPORTUNITIES:

- Product Manager- 46,000+
- Market Development Manager- 22,000+
- Innovation Manager- 18,000+
- Brand Manager- 14,000+
- Marketing Executive- 4000+
- Marketing Manager- 2000+
- Social Media Manager- 2000+
- Data Analyst- 2000+

KEY SKILLS:

Expertise in marketing strategies, encompassing market research and brand development. Additionally, proficiency in data analysis is crucial, along with the ability to innovate and lead teams effectively. Social media management skills are also highly valued in today's digital landscape. These roles often require individuals to possess a diverse skill set to navigate the complexities of the modern marketing environment.

MODULES:

- Marketing Management and Practice
- Consumers, Brands and Communications
- Market Intelligence, Data Analysis and Research Methods
- Marketing Strategy and Innovation

Plus your Dissertation

RELATED COURSE:

Management MSc

APPLIED HEALTH RESEARCH MRes

LEICESTER ADVANTAGE:

Research into health and healthcare is essential for:

- understanding the causes, presentation and management of health conditions
- informing the development and evaluation of innovative health technologies, treatments, care pathways and services
- informing health policy decision making

ENTRY REQUIREMENT:

TUITION FEE:

Tuition Fee for **September 2025** intake:

MSc: **24,500 GBP**

SCHOLARSHIP:

ENGLISH LANGUAGE REQUIREMENT:

1. IELTS 7.0

**UNIVERSITY OF LEICESTER AND THE APOLLO UNIVERSITY
COLLABORATION**

COURSES:

ROUTE A: 2 YEARS IN INDIA + 1 YEAR IN UK

- BSc Computer Science(Software and Engineering)
- BSc Computer Science(Artificial Intelligence)

**ROUTE B: 2 YEARS IN INDIA + 1 YEAR IN UK+ MASTER'S 1
YEAR IN UK**

- Computer Science
- Data Science/ Analysis, Engineering
- Management
- Accounting and Finance
- Marketing

***Masters entry is only possible after meeting eligibility criteria for the chosen programme.**

LEICESTER ADVANTAGE:

- **Affordable Education in the UK**

Access an affordable international education from an institution that ranked 20th in the UK Computer Science and Information Systems (The Guardian University Guide 2023).

- **Expertise Collaboration**

Benefit from Apollo Hospitals Group and the University of Leicester's combined expertise and teaching.

- **Progress to Masters**

Further your qualifications with an optional Master's degree in the 4th year at the University of Leicester.

- **Smooth Transition**

Transfer seamlessly to the University of Leicester in your 3rd year upon meeting the entry requirements.

- **Outstanding Education**

The University of Leicester holds a Gold rating in the 2023 Teaching Excellence Framework (TEF).

- **Rich Cultural Experience**

Gain international academic exposure, broadening your educational experience and perspectives.

- **Post-study Work Visa**

As the final year of the programme is undertaken in the UK, students who successfully complete the award will be eligible for the Graduate visa. This is a post study work visa that allows graduates to stay and work in the UK for 2 years after graduation. During the validity of the visa, graduates can work, seek employment or start their own business in the UK without the need

for sponsorship from an employer.

ENTRY REQUIREMENTS:

- Achieve a minimum of **60% in Physics, Chemistry, and Mathematics** during Intermediate or diploma studies, **Maths is compulsory**.
- Minimum **70% score in English** subject is compulsory.
- Successfully complete Class 12 or its equivalent with **Physics, Chemistry, and Mathematics** as major subjects from a recognised board.
- Qualify with completion or the final year of a diploma in engineering
- Ensure an age range of **17 to 24 years** as of **December 31st 2025** of the calendar year.

SCHOLARSHIP:

Scholarships up to 25% are available for the eligible students.

JOB OPPORTUNITIES:

- Machine Learning Engineer- 6000+
- Cloud Solutions Architect- 1000+
- Data Scientist- 900+
- AI Research Scientist- 300+
- Computer Vision Engineer-300+
- Software Development Engineer in Test- 200+
- Natural Language Processing Engineer- 100+
- Robotics Scientist- 100+
- Cybersecurity Analyst- 100+

UG COURSES

All the UG courses are available for September 2025 intake

SCHOOL OF ENGINEERING

BEng GENERAL ENGINEERING

LEICESTER ADVANTAGE:

Accredited by the **Institution of Engineering and Technology**, the **Institution of Mechanical Engineers** and the **Institute of Measurement and Control**. The BEng is "accredited in partial fulfilment of the academic requirements for Chartered Engineer status" which means that you can become a **Chartered Engineer (CEng)** by undertaking extra study later in your career.

We offer four different Engineering subjects, each of which is available in six forms:

- BEng (3 years), BEng with Industry (4 years), BEng with Year Abroad (4 years)
- MEng (4 years), MEng with Industry (5 years), MEng with Year Abroad (5 years)

The MEng shares its first three years with the corresponding BEng.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** ABB including Maths. Two AS-levels considered in place of one A-level.
- **EPQ with A-levels:** BBB + EPQ at grade B. A-level subjects to include Maths.

- **GCSEs:** Grade C/4 in English Language.
- **BTEC Nationals:** DDM in Engineering including Further Maths at Distinction.
- **International Baccalaureate:** Pass Diploma with 30 points, with grade 5 in Maths HL. Must include minimum of grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language at GCSE.

TUITION FEE:

Tuition Fee for **September 2025** intake

BEng: 24,500 GBP

Year Abroad: 6125 GBP which is 25% of the full-time tuition fee.

Year in Industry: 3675 GBP which is 15% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB OPPORTUNITIES:

- Machine Learning Engineer- 6000+
- Senior Safety Engineer- 3000+
- Mechanical Design Engineer- 3000+
- Digital Control Engineer- 2000+
- Validation Engineer- 1000+
- Simulation Engineer- 1000+
- Structural Engineer- 1000+
- Materials Scientist- 600+

KEY SKILLS:

Key skills include proficiency in programming languages (Python, C++), experience with relevant software (CAD, ANSYS, TensorFlow), and strong mathematical and statistical abilities. Analytical and problem-solving skills, understanding of safety and regulatory standards, and knowledge of materials science, manufacturing processes, and control systems are also crucial. Effective project management and strong documentation skills round out the essential expertise.

MODULES:

YEAR 1:

Our courses in Aerospace, General and Mechanical Engineering share the exact same first year. This means that you can switch between any of these degrees before your second year.

- Sustainable Engineering Design
- Engineering Mathematics with programming 1
- Engineering Mathematics with programming 2
- Solid Mechanics
- Fluid Mechanics
- Thermodynamics and Heat Transfer
- Principles of Electrical Engineering
- Digital Electronics and Communications

This is the same as the first year of the MEng.

YEAR 2:

CORE MODULES:

- Engineering Experimentation and Analysis
- Integrated Engineering Design
- System Dynamics and Control
- Mechatronics
- Computational Engineering Methods

OPTION MODULES:

Choose **one option module** from:

- Materials and Structures
- Dynamics and Thermofluids

Then choose **one option module** from:

- Materials Processing
- Applied Engineering Thermodynamics

This is the same as the second year of the MEng.

If you achieve at least 55% in your second year you can, if you wish, transfer to the MEng.

FINAL YEAR:

CORE MODULES

- Engineering Management
- State Variable Control
- Machine Learning for Engineers
- Sustainable Electrical Systems

Plus your Individual Project

OPTION MODULES:

Choose **one option module** from:

- Finite Element Analysis and Design
- Heat Transfer and Energy Systems

Then choose **one option module** from:

- Tribology in Engineering Design
- Rigid Body and Structural Dynamics
- Digital Control and Actuators
- Aerospace Materials and Structures

Please note: There are restrictions on the combinations of option modules you can take, based on what you chose to study in your second year and whether the modules run in the autumn or spring semester. Staff will be happy to give advice on your study choices based on your individual career aspirations and your individual project.

This is the same as the third year of the MEng.

RELATED COURSES:

- Aerospace Engineering
- Mechanical Engineering

MEng GENERAL ENGINEERING

LEICESTER ADVANTAGE:

Accredited by the **Institution of Engineering and Technology**, the **Institution of Mechanical Engineers** and the **Institute**

of Measurement and Control. The MEng satisfies the academic requirements of the Engineering Council, enabling you to become a **Chartered Engineer (CEng).**

The MEng places greater emphasis on industrially-related project work, advanced technical content and leadership, and automatically meets the academic requirements for **Chartered Engineer (CEng)** status. The MEng shares its first three years with the corresponding BEng.

We offer four different Engineering subjects, each of which is available in six forms:

- BEng (3 years), BEng with Industry (4 years), BEng with Year Abroad (4 years)
- MEng (4 years), MEng with Industry (5 years), MEng with Year Abroad (5 years)

The MEng shares its first three years with the corresponding BEng.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** ABB including Maths. Two AS-levels considered in place of one A-level.
- **EPQ with A-levels:** BBB + EPQ at grade B. A-level subjects to include Maths.
- **GCSEs:** Grade C/4 in English Language.
- **BTEC Nationals:** DDM in Engineering including Further Maths at Distinction.
- **International Baccalaureate:** Pass Diploma with 30 points, with grade 5 in Maths HL. Must include minimum of grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language at GCSE.

TUITION FEE:

Tuition Fee for **September 2025** intake

BEng: 24,500 GBP

Year Abroad: 6125 GBP which is 25% of the full-time tuition fee.

Year in Industry: 3675 GBP which is 15% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB OPPORTUNITIES:

- Machine Learning Engineer- 6000+
- Senior Safety Engineer- 3000+
- Mechanical Design Engineer- 3000+
- Digital Control Engineer- 2000+
- Validation Engineer- 1000+
- Simulation Engineer- 1000+
- Structural Engineer- 1000+
- Materials Scientist- 600+

KEY SKILLS:

Key skills include proficiency in programming languages (Python, C++), experience with relevant software (CAD, ANSYS, TensorFlow), and strong mathematical and statistical abilities. Analytical and problem-solving skills, understanding of safety and regulatory standards, and knowledge of materials science, manufacturing processes, and control systems are also crucial. Effective project management and strong documentation skills round out the essential expertise.

MODULES:

YEAR 1:

Our courses in Aerospace, General and Mechanical Engineering share the exact same first year. This means that you can switch between any of these degrees before your second year.

- Sustainable Engineering Design
- Engineering Mathematics with programming 1
- Engineering Mathematics with programming 2
- Solid Mechanics
- Fluid Mechanics
- Thermodynamics and Heat Transfer
- Principles of Electrical Engineering
- Digital Electronics and Communications

This is the same as the first year of the BEng.

YEAR 2:

CORE MODULES:

- Engineering Experimentation and Analysis

- Integrated Engineering Design
- System Dynamics and Control
- Mechatronics
- Computational Engineering Methods

Choose **one option module** from:

- Materials and Structures
- Dynamics and Thermofluids

Then choose **one option module** from:

- Materials Processing
- Applied Engineering Thermodynamics

This is the same as the second year of the BEng.

You must **achieve at least 55%** in your second year in order **to continue on the MEng**. If not, you will transfer to the BEng and complete your degree one year earlier.

YEAR 3/4:

In your third year (or fourth year if you take a year out) you have a wide choice of option modules in which to specialise in your particular interests across the School.

CORE MODULES:

- Engineering Management
- State Variable Control
- Machine Learning for Engineers
- Sustainable Electrical Systems

Plus your **Individual Project**

OPTION MODULES:

Choose **one option module** from:

- Finite Element Analysis and Design
- Heat Transfer and Energy Systems

Then choose **one option module** from:

- Tribology in Engineering Design
- Rigid Body and Structural Dynamics
- Digital Control and Actuators
- Aerospace Materials and Structures

Please note: There are restrictions on the combinations of option modules you can take.

FINAL YEAR:

CORE MODULES:

- Leadership and Project Management

Plus your Group Project

OPTION MODULES:

Choose **two option** modules from:

- Fluid Instability, Transition and Turbulence
- Advanced Solid Mechanics
- Advanced Electrical Machines
- Rotorcraft Mechanics and Control
- Systems Engineering and Spacecraft Systems
- Artificial Intelligence Architectures

Then choose **two option** modules from:

- Spacecraft Communications
- Computational Fluid Dynamics
- Advanced Composite Materials
- Electronically Controlled Drives
- Attitude and Orbit Control Systems
- Signal Processing
- Advanced Gas Turbines

BEng AEROSPACE ENGINEERING

LEICESTER ADVANTAGE:

Ranked 16th in the UK for Aerospace Engineering. Accredited by the Institution of Mechanical Engineers and the Institute of Measurement and Control. The BEng is "accredited in partial fulfilment of the academic requirements for Chartered Engineer status" which means that you can become a **Chartered Engineer** (CEng) by undertaking extra study later in your career.

We offer four different Engineering subjects, each of which is available in six forms:

- BEng (3 years), BEng with Industry (4 years), BEng with Year

Abroad (4 years)

- MEng (4 years), MEng with Industry (5 years), MEng with Year Abroad (5 years)

The MEng shares its first three years with the corresponding BEng.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** ABB including Maths. Two AS-levels considered in place of one A-level.
- **EPQ with A-levels:** BBB + EPQ at grade B. A-level subjects to include Maths.
- **GCSEs:** Grade C/4 in English Language.
- **BTEC Nationals:** DDM in Engineering including Further Maths at Distinction.
- **International Baccalaureate:** Pass Diploma with 30 points, with grade 5 in Maths HL. Must include minimum of grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language at GCSE.

TUITION FEE:

Tuition Fee for **September 2025** intake

BEng: 24,500 GBP

Year Abroad: 6125 GBP which is 25% of the full-time tuition fee.

Year in Industry: 3675 GBP which is 15% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB OPPORTUNITIES:

- Design Engineer- 9000+
- Control Systems Engineer- 9000+
- Dynamics Engineer- 8000+
- Analysis Engineer- 7000+
- Automation Engineer- 3000+
- Integrated Design Engineer- 2000+
- Validation Engineer- 1000+
- Flight Control Engineer- 200+

KEY SKILLS:

Proficiency in CAD software and product design principles is crucial, alongside strong control theory and programming skills in languages like MATLAB and C/C++. Expertise in mechanical systems dynamics and vibration analysis is essential. Key skills also include data analysis and FEA software proficiency, as well as PLC programming and industrial automation knowledge. Systems engineering principles, cross-disciplinary collaboration, and a solid understanding of testing and validation processes, quality assurance, and regulatory compliance are imperative.

MODULES:

YEAR 1:

Degrees in **Aerospace, General and Mechanical Engineering** share the exact same first year. This means that you can switch between any of these degrees before your second year.

MODULES:

- Sustainable Engineering Design
- Engineering Mathematics with programming 1
- Engineering Mathematics with programming 2
- Solid Mechanics
- Fluid Mechanics
- Thermodynamics and Heat Transfer
- Principles of Electrical Engineering
- Digital Electronics and Communications

This is the same as the first year of the MEng.

YEAR 2:

MODULES:

- Engineering Experimentation and Analysis
- Integrated Engineering Design
- System Dynamics and Control
- Materials and Structures
- Dynamics and Thermofluids
- Aircraft Performance and Navigation
- Aerodynamics and Aircraft Systems

This is the same as the second year of the MEng.

If you achieve at least 55% in your second year you can, if you wish, transfer to the MEng.

FINAL YEAR:

MODULES

- Engineering Management
- Finite Element Analysis and Design
- State Variable Control
- Compressible and Applied Aerodynamics

Plus **two option** modules (including at least one marked *) from:

- Rigid Body and Structural Dynamics
- Digital Control and Actuators
- Machine Learning for Engineers
- Flight Dynamics, Control and Avionics *
- Aerospace Materials and Structures*

Plus your Individual Project

This is the same as the third year of the MEng.

RELATED COURSES:

- Aerospace Engineering
- General Engineering
- Mechanical Engineering

MEng AEROSPACE ENGINEERING

LEICESTER ADVANTAGE:

Ranked 16th in the UK for Aerospace Engineering. Accredited by the Institution of Mechanical Engineers and the Institute of Measurement and Control.

The MEng satisfies the academic requirements of the Engineering Council, enabling you to become a **Chartered Engineer** (CEng).

We offer four different Engineering subjects, each of which is available in six forms:

- BEng (3 years), BEng with Industry (4 years), BEng with Year Abroad (4 years)
- MEng (4 years), MEng with Industry (5 years), MEng with Year Abroad (5 years)

The MEng shares its first three years with the corresponding BEng.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** ABB including Maths. Two AS-levels considered in place of one A-level.
- **EPQ with A-levels:** BBB + EPQ at grade B. A-level subjects to include Maths.
- **GCSEs:** Grade C/4 in English Language.
- **BTEC Nationals:** DDM in Engineering including Further Maths at Distinction.
- **International Baccalaureate:** Pass Diploma with 30 points, with grade 5 in Maths HL. Must include minimum of grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language at GCSE.

TUITION FEE:

Tuition Fee for **September 2025** intake

BEng: 24,500 GBP

Year Abroad: 6125 GBP which is 25% of the full-time tuition fee.

Year in Industry: 3675 GBP which is 15% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB OPPORTUNITIES:

- Design Engineer- 9000+
- Control Systems Engineer- 9000+
- Dynamics Engineer- 8000+
- Analysis Engineer- 7000+
- Automation Engineer- 3000+
- Integrated Design Engineer- 2000+
- Validation Engineer- 1000+

- Flight Control Engineer- 200+

KEY SKILLS:

Proficiency in CAD software and product design principles is crucial, alongside strong control theory and programming skills in languages like MATLAB and C/C++. Expertise in mechanical systems dynamics and vibration analysis is essential. Key skills also include data analysis and FEA software proficiency, as well as PLC programming and industrial automation knowledge. Systems engineering principles, cross-disciplinary collaboration, and a solid understanding of testing and validation processes, quality assurance, and regulatory compliance are imperative.

MODULES:

YEAR 1:

Degrees in **Aerospace, General and Mechanical Engineering** share the exact same first year. This means that you can switch between any of these degrees before your second year.

MODULES:

- Sustainable Engineering Design
- Engineering Mathematics with programming 1
- Engineering Mathematics with programming 2
- Solid Mechanics
- Fluid Mechanics
- Thermodynamics and Heat Transfer
- Principles of Electrical Engineering
- Digital Electronics and Communications

This is the same as the first year of the BEng.

YEAR 2:

MODULES:

- Engineering Experimentation and Analysis
- Integrated Engineering Design
- System Dynamics and Control
- Materials and Structures
- Dynamics and Thermofluids
- Aircraft Performance and Navigation
- Aerodynamics and Aircraft Systems

This is the same as the second year of the BEng.

You must **achieve at least 55%** in your second year in order **to continue on the MEng**. If not, you will transfer to the BEng and complete your degree one year earlier.

YEAR 3/4 :

In your third year (or fourth year if you take a year out) you have the opportunity to specialise in different aspects of aerospace engineering through a number of optional modules.

MODULES:

- Engineering Management
- Finite Element Analysis and Design
- State Variable Control
- Compressible and Applied Aerodynamics

Plus two option modules (including at least one marked *) from:

- Rigid Body and Structural Dynamics
- Digital Control and Actuators
- Machine Learning for Engineers
- Flight Dynamics, Control and Avionics *
- Aerospace Materials and Structures*

Plus your Individual Project

This is the same as the final year of the BEng.

BEng BIOMEDICAL ENGINEERING

LEICESTER ADVANTAGE:

BEng in Biomedical Engineering provides a comprehensive education in engineering technology combined with deeper understanding of human biology to enable you to build innovative rehabilitation technology and medical devices.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- A/AS-levels: ABB including Maths. Two AS-levels considered in place of one A-level. General Studies accepted.
- EPQ with A-levels: BBB + EPQ at grade B. A-level subjects to include Maths
- GCSEs: Grade C/4 in English Language.
- BTEC Nationals: DDM in Engineering including Further Maths at Distinction.
- International Baccalaureate: Pass Diploma with 30 points, with grade 5 in Maths HL. Must include minimum of grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language at GCSE.

TUITION FEE:

Tuition Fee for **September 2025** intake

BEng: 24,500 GBP

Year Abroad: 6125 GBP which is 25% of the full-time tuition fee.

Year in Industry: 3675 GBP which is 15% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB OPPORTUNITIES:

- Control Systems Engineer- 9000+
- Machine Learning Engineer- 6000+
- Sustainable Design Engineer- 4000+
- Dynamics Analyst- 1000+
- Medical Device Specialist- 700+
- Biomedical Engineer- 25+

KEY SKILLS:

Key skills include proficiency in biomedical engineering principles, medical imaging, and instrumentation. Knowledge of biomaterials, tissue engineering, and medical device regulations is crucial. Strong analytical and problem-solving abilities are essential, along with experience in CAD software and design validation. Effective communication skills and the ability to work in interdisciplinary teams are also important.

MODULES:

YEAR 1:

- Sustainable Engineering Design
- Digital Electronics and Communications
- Principles of Electrical Engineering
- Engineering Mathematics with programming 1
- Solid Mechanics
- Fluid Mechanics
- Engineering Mathematics with programming 2

- Thermodynamics and Heat Transfer

YEAR 2:

CORE MODULES:

- System Dynamics and Control
- Integrated Engineering Design
- Anatomy and Physiology for Engineers
- Engineering management and business simulation
- Fundamentals of Biomedical Engineering
- Introduction to Biomaterials
- Computational Engineering Methods

OPTION MODULES:

Select **one option** module from:

- Mechatronics
- Embedded Systems and IoT
- Analogue Electronics and Amplifiers

FINAL YEAR:

CORE MODULES:

- Individual Project
- Biological Imaging
- Biofluid Mechanics
- Medical Devices and Prosthetics
- Computational Biology
- Biomechanics

OPTION MODULES:

Select **one option** module from:

- Digital Control and Actuators
- Machine Learning for Engineers

MEng BIOMEDICAL ENGINEERING

LEICESTER ADVANTAGE:

MEng in Biomedical Engineering provides a comprehensive education in engineering technology combined with deeper understanding of human biology to enable you to build innovative rehabilitation technology and medical devices and explore how to bring those to market.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** ABB including Maths. Two AS-levels considered in place of one A-level. General Studies accepted.
- **EPQ with A-levels:** BBB + EPQ at grade B. A-level subjects to include Maths
- **GCSEs:** Grade C/4 in English Language.
- **BTEC Nationals:** DDM in Engineering including Further Maths at Distinction.

- **International Baccalaureate:** Pass Diploma with 30 points, with grade 5 in Maths HL. Must include minimum of grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language at GCSE.

TUITION FEE:

Tuition Fee for **September 2025** intake

BEng: 24,500 GBP

Year Abroad: 6125 GBP which is 25% of the full-time tuition fee.

Year in Industry: 3675 GBP which is 15% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB OPPORTUNITIES:

- Healthcare Technology Consultant- 1000+
- Medical Device Engineer- 800+
- Clinical Engineer- 300+

- Bioinformatics Scientist- 100+
- Rehabilitation Engineer- 100+

KEY SKILLS:

Essential skills include designing and developing medical devices, understanding regulatory compliance, troubleshooting technical issues, collaborating effectively in multidisciplinary teams, and ensuring quality throughout the development process. Strong communication, problem-solving abilities, and knowledge of biomedical engineering principles are also critical for success in this field, contributing to advancements in healthcare technology and patient care.

MODULES:

YEAR 1:

- Sustainable Engineering Design
- Digital Electronics and Communications
- Principles of Electrical Engineering
- Engineering Mathematics with programming 1
- Solid Mechanics
- Fluid Mechanics
- Engineering Mathematics with programming 2
- Thermodynamics and Heat Transfer

YEAR 2:

CORE MODULES:

- System Dynamics and Control
- Integrated Engineering Design
- Anatomy and Physiology for Engineers
- Engineering management and business simulation
- Fundamentals of Biomedical Engineering
- Introduction to Biomaterials

- Computational Engineering Methods

OPTION MODULES:

Select **one option module** from:

- Mechatronics
- Embedded Systems and IoT
- Analogue Electronics and Amplifiers

YEAR 3/4:

CORE MODULES:

- Individual Project
- Biological Imaging
- Biofluid Mechanics
- Medical Devices and Prosthetics
- Computational Biology
- Biomechanics

OPTION MODULES:

Select **one option** module from:

- Digital Control and Actuators
- Machine Learning for Engineers

FINAL YEAR:

CORE MODULES:

- Group Project
- Leadership and Project Management
- Advanced Biomedical Signal Processing

OPTION MODULES:

Select **three option** modules from:

- Artificial Intelligence Architectures
- Systems Engineering
- Neuromuscular Control and Rehabilitation
- Tissue Engineering and Regenerative Medicine
- Advanced Materials Characterisation

BEng ELECTRICAL AND ELECTRONIC ENGINEERING

LEICESTER ADVANTAGE:

Electrical and Electronic Engineering impacts all aspects of life, from transportation and communication to energy and healthcare. With today's global challenges, electrical engineers play a vital role in creating sustainable solutions through technology design, production and maintenance. This programme prepares aspiring engineers to shape the future through renewable energy, robotics, automotive, aerospace, telecoms, agriculture, manufacturing, and more.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** BBB including Maths. Two AS-levels considered in place of one A-level. General Studies accepted.
- **EPQ with A-levels:** BBC + EPQ at grade B. A-level subjects to include Maths.
- **GCSE:** Grade C/4 in English Language.
- **International Baccalaureate:** Pass Diploma with 30 points, with grade 5 in Maths HL. Minimum of grade 4 in English A or 5 in English B required if minimum of grade C/4 not held at GCSE.
- **BTEC Nationals:** DDM in Engineering including Further Maths at Distinction.

TUITION FEE:

Tuition Fee for **September 2025** intake

BEng: 24,500 GBP

Year Abroad: 6125 GBP which is 25% of the full-time tuition fee.

Year in Industry: 3675 GBP which is 15% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB OPPORTUNITIES:

- Sustainable Design Engineer- 4000+
- Environmental Engineer-5000+
- Electrical Engineer-4000+
- Software Engineer-6000+
- Structural Engineer- 1000+
- Electronics Design Engineer- 800+

KEY SKILLS:

Key skills include proficiency in relevant software and tools, strong analytical and problem-solving abilities, knowledge of industry regulations and standards, effective project management, and excellent communication skills. Technical expertise in areas such as circuit design, structural analysis, environmental assessments, and sustainable

practices is crucial. Proficiency in programming, CAD software, and simulation tools is also highly valued, along with a solid grasp of materials science, thermodynamics, fluid mechanics, and electrical systems.

Adaptability and a proactive approach to learning new technologies are essential for success in these roles.

MODULES:

YEAR 1:

CORE MODULES:

- Sustainable Engineering Design
- Digital Electronics and Communications
- Principles of Electrical Engineering
- Engineering Mathematics with programming 1
- Solid Mechanics
- Fluid Mechanics
- Engineering Mathematics with programming 2
- Thermodynamics and Heat Transfer

YEAR 2:

CORE MODULES:

- System Dynamics and Control
- Integrated Engineering Design
- Analogue Electronics and Amplifiers
- Signals and Systems
- Engineering Management and Business Simulation
- Electronics Test and Instrumentation

OPTION MODULES:

- Mechatronics
- Embedded Systems and IoT
- Computing Engineering Method
- Electric Machines and Drives

FINAL YEAR:

OPTION MODULES:

- State Variable Control
- Sustainable Electrical Systems
- Digital Control and Actuators
- Power Electronics
- Real-time Cyber-Physical System Design
- Analogue and Digital Communications
- Machine Learning for Engineers
- Digital System Design and Programming
- Flight Dynamics, Control and Avionics
- National Grid Design and Operation

Plus your Individual Project.

RELATED COURSES:

- Electrical and Electronic Engineering
- General Engineering
- Mechanical Engineering

MEng ELECTRICAL AND ELECTRONICS ENGINEERING

LEICESTER ADVANTAGE:

Electrical and Electronic Engineering impacts all aspects of life, from transportation and communication to energy and healthcare. With today's global challenges, electrical engineers play a vital role in creating sustainable solutions through technology design, production and maintenance. This programme prepares aspiring engineers to shape the future through renewable energy, robotics, automotive, aerospace, telecoms, agriculture, manufacturing, and more.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** ABB including Maths. Two AS-levels considered in place of one A-level. General Studies accepted.
- **EPQ with A-levels:** BBB + EPQ at grade B. A-level subjects to include Maths
- **GCSEs:** Grade C/4 in English Language.
- **BTEC Nationals:** DDM in Engineering including Further Maths at Distinction.
- **International Baccalaureate:** Pass Diploma with 30 points, with grade 5 in Maths HL. Must include minimum of grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language at GCSE.

TUITION FEE:

Tuition Fee for **September 2025** intake

BEng: 24,500 GBP

Year Abroad: 6125 GBP which is 25% of the full-time tuition fee.

Year in Industry: 3675 GBP which is 15% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB OPPORTUNITIES:

- Healthcare Technology Consultant- 1000+
- Medical Device Engineer- 800+
- Clinical Engineer- 300+
- Bioinformatics Scientist- 100+
- Rehabilitation Engineer- 100+

KEY SKILLS:

Essential skills include designing and developing medical devices, understanding regulatory compliance, troubleshooting technical issues, collaborating effectively in multidisciplinary teams, and ensuring quality throughout the development process. Strong communication, problem-solving abilities, and knowledge of biomedical engineering principles are also critical for success in this field, contributing to advancements in healthcare technology and patient care.

MODULES:

YEAR 1:

CORE MODULES:

- Sustainable Engineering Design
- Digital Electronics and Communications
- Principles of Electrical Engineering
- Engineering Mathematics with programming 1
- Solid Mechanics

- Fluid Mechanics
- Engineering Mathematics with programming 2
- Thermodynamics and Heat Transfer

YEAR 2:

CORE MODULES:

- System Dynamics and Control
- Integrated Engineering Design
- Analogue Electronics and Amplifiers
- Signals and Systems
- Engineering Management and Business Simulation
- Electronics Test and Instrumentation

OPTION MODULES:

- Mechatronics
- Embedded Systems and IoT
- Computing Engineering Method
- Electric Machines and Drives

YEAR 3/4 :

OPTION MODULES:

- State Variable Control
- Sustainable Electrical Systems
- Digital Control and Actuators
- Power Electronics
- Real-time Cyber-Physical System Design
- Analogue and Digital Communications
- Machine Learning for Engineers
- Digital System Design and Programming
- Flight Dynamics, Control and Avionics

- National Grid Design and Operation

Plus your Individual Project.

FINAL YEAR:

CORE MODULES:

- Group Project
- Leadership and Project Management
- Systems Reliability and Sustainability

OPTION MODULES:

- Rotorcraft Mechanics and Control
- Advanced Electrical Machines
- Artificial Intelligence Architectures
- Hybrid and Electric Propulsion Systems
- Systems Engineering and Spacecraft Systems
- Attitude and Orbit Control Systems
- Signal Processing
- Electronically Controlled Drives
- Spacecraft Communications
- Real-time Simulation for Industry 4.0

RELATED COURSES:

- Electrical and Electronic Engineering
- General Engineering
- Mechanical Engineering

SCHOOL OF COMPUTING & MATHEMATICAL SCIENCE

BSc Computer Science

LEICESTER ADVANTAGE:

- Our informatics degree boasts a 97% employment or further study rate within six months of graduation (DLHE) and is accredited by the British Computer Society (BCS).
- In your second year, you'll gain hands-on experience by working in a software development team to deliver a solution for a real client.
- You'll also benefit from 24/7 access to fully-networked, dual-boot Windows/Linux PCs in general-purpose labs, along with wireless access for laptops.
- This degree is accredited by the **British Computer Society (BCS)**.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** ABB including Maths. Two AS-levels considered in place of one A-level.
- **EPQ with A-levels:** BBB + EPQ at grade B. A-level subjects to include Maths.
- **GCSEs:** Grade C/4 in English Language.
- **BTEC Nationals:** DDM in Engineering including Further Maths at Distinction.
- **International Baccalaureate:** Pass Diploma with 30 points, with grade 5 in Maths HL. Must include minimum of grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language at GCSE.

TUITION FEE:

Tuition Fee for **September 2025** intake

- **£24,500** per year
- **Year Abroad:** £6,125, which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675, which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB OPPORTUNITIES:

- Data Scientist-915
- Full Stack Developer-946
- Software Engineer- 6,710
- Project Manager-5,531
- Systems Analyst-4,578
- Business Analyst-1,666

KEY SKILLS:

Key skills for Data Scientists include proficiency in statistical analysis, machine learning algorithms (supervised and unsupervised learning), Python, R, and SQL. Full Stack Developers need expertise in JavaScript, HTML/CSS, React, Node.js. Software Engineers require Java, C++, and problem-solving skills. Project Managers excel in leadership, communication, and project planning.

MODULES:

YEAR 1:

- Computing Fundamentals
- Programming Fundamentals
- Mathematics Fundamentals
- Computer Architecture
- Introduction to Object Oriented Programming
- Requirements Engineering and Professional Practice
- Algorithms, Data Structures and Advanced Programming
- Foundations of Computation

YEAR 2:

CORE MODULES:

- Software Architecture and System Development I
- Project Management
- Operating Systems and Networks
- Databases and Domain Modelling

OPTION MODULES:

Choose **one option module** from:

- Software Architecture and System Development - II
- Software Engineering Group Project

- User Interfaces Design and Evaluation
- Data Analytics
- Entertainment Technology and Design
- Foundations of Artificial Intelligence

This is the same as Year 2 of the **MComp**.

FINAL YEAR:

CORE MODULES

- Computer Science Project
- Computers, Society and Professionalism

Plus your Individual Project

OPTION MODULES:

Choose two option modules from:

- Computational Intelligence and Software Engineering
- Software Measurement and Quality Assurance
- Mobile and Web Applications
- C++ Programming
- Internet and Cloud Computing

Then choose two option modules from:

- Analysis and Design of Algorithms
- Big Data and Predictive Analytics
- Foundations of Cybersecurity
- Technology Management
- Emerging Technologies
- Functional Programming
- AI for Space

This is the same as Year 3/4 of the **MComp**.

Please note: There are restrictions on the combinations of option modules you can take, based on what you chose to study in your second year and whether the modules run in the autumn or spring semester. Staff will be happy to give advice on your study choices based on your individual career aspirations and your individual project.

RELATED COURSE:

BSc Computer Science with Foundation Year
MComp Computer Science
MComp Software Engineering

MComp COMPUTER SCIENCE

LEICESTER ADVANTAGE:

Leicester's Computer Science MComp program offers a comprehensive four-year pathway aimed at preparing students for senior-level careers or further study in computer science. The curriculum integrates foundational Computer Science BSc coursework with advanced modules in software engineering, algorithms, financial computing, and distributed systems. Emphasis is placed on practical skills such as programming in diverse languages like Java, Python, and Haskell, alongside theoretical foundations including mathematical models of computation and system architectures. Students engage in rigorous project-based learning, fostering teamwork and innovation through real-world applications like mobile apps, security software, and robotics. This prepares graduates with both academic rigor and practical expertise sought after by employers.

ENTRY REQUIRMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.

- For A/AS-levels, we require grades ABB. Two AS-levels can be considered instead of one A-level, and we accept General Studies.
- For EPQ with A-levels, you need BBB plus a grade B in EPQ.
- For GCSEs, you need a grade 5/B in Maths.
- For Access to HE Diploma, you must pass with at least 45 credits at level 3, including 30 at Distinction.
- For International Baccalaureate, you need to pass the Diploma with at least 30 points. If you don't have a grade 5/B in GCSE Maths, you need a minimum of 4 in HL Maths, 5 in SL Maths, or 6 in Maths Studies.
- For BTEC Nationals, you need a Full Diploma with DDD* in IT, Science, or Engineering.
- For T Levels, you need a Distinction in either Digital Production, Design and Development (with an Occupational Specialism in Software development technician), or Digital Business Services.

TUITION FEE:

Tuition Fee for **September 2025** intake

- **£24,500** per year
- **Year Abroad:** £6,125, which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675, which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Software Developer/Engineer-6,870
- Network Engineer-6,170
- Database Administrator-599
- Machine Learning Engineer-7,702
- Cloud Solutions Architect-1,660

KEY SKILLS:

Software Developers/Engineers need strong skills in Java, Python, or C++; Network Engineers should understand TCP/IP, DNS, and routing protocols; Database Administrators must excel in SQL and database management; Machine Learning Engineers require expertise in Python, R, and TensorFlow; Cloud Solutions Architects need AWS, Azure, or Google Cloud proficiency.

ACCREDITATIONS:

This degree is accredited by the British Computer Society (BCS).

MODULES:

YEAR1

- Computing Fundamentals
- Programming Fundamentals
- Mathematics Fundamentals

- Computer Architecture
- Introduction to Object Oriented Programming
- Requirements Engineering and Professional Practice
- Algorithms, Data Structures and Advanced Programming
- Foundations of Computation

After the first semester you may be able to transfer to the BSc in Software Engineering subject to achieving the required grades.

This is the same as the first year of the BSc.

YEAR 2

In your second year, you'll master software engineering and work on a group project. You'll delve into operating systems, networks, user interfaces, and how people interact with computers. You'll also explore functional programming or data analytics. You'll collaborate on real client projects, managing teams, writing reports, and delivering presentations, crucial skills valued by employers.

Core modules

- Software Architecture and System Development I
- Project Management
- Operating Systems and Networks
- Databases and Domain Modelling

Option modules

Choose one option module from:

- Software Architecture and System Development - II
- Software Engineering Group Project
- User Interfaces Design and Evaluation
- Data Analytics
- Entertainment Technology and Design

- Foundations of Artificial Intelligence

This is the same as Year 2 of the BSc.

YEAR 3/4

Year 3/4 is an opportunity to specialise in the areas of computing that interest you. The project is a chance to follow your own interests in depth, with one-to-one supervision.

Core modules

- Computer Science Project (double module)
- Computers, Society and Professionalism

Option modules

Choose **two option modules** from:

- Computational Intelligence and Software Engineering
- Software Measurement and Quality Assurance
- Mobile and Web Applications
- C++ Programming

Then choose **two option modules** from:

- Analysis and Design of Algorithms
- Big Data and Predictive Analytics
- Foundations of Cybersecurity
- Technology Management
- Emerging Technologies
- Functional Programming
- AI for Space

This is the same as the final year of the BSc.

FINAL YEAR:

The core focus of your final year is specialisation. Core modules will help you to develop your research skills while optional modules open up the most advanced aspects of computing.

Core module

- Computer Science Project (double module)
- Personal and Group Skills (taken in either semester)

Option modules

Choose three option modules (or two if Personal and Group Skills taken in semester 1)

from:

- Technology and Innovation Management
- Advanced C++ Programming
- Agile Cloud Automation
- Internet and Cloud Computing
- Interaction Design (ID) and User Experience (UX)
- Mobile and Ubiquitous Computing

Then choose three option modules (or two if Personal and Group Skills taken in semester 2)

from:

- Algorithms for Bioinformatics
- Generative Development
- Service-Orientated Architectures
- Service Design

STUDENT PLACED SO FAR:

- Accenture
- BAE systems
- Bloomberg

- LogicaCMG
- Small innovative start-ups

BSc CREATIVE COMPUTING

LEICESTER ADVANTAGE:

The intersection of creativity and computing is in high demand across industries, seeking skilled creative coders, digital technologists, and computer artists. In the first year, you'll learn computing fundamentals, programming, digital design, and Information Management, creating games and apps in a digital arts lab. Year two emphasizes collaborative projects in real-world settings, with training in web/mobile technologies and Big Data analysis. Arts-focused students craft narratives, digital installations, or live performances, while science-oriented peers delve into software architecture, systems design, machine learning, or cognitive science. Year three culminates in a major project where you develop a product, exploring computational creativity, emerging technologies, social computing, ethics, law, and activism. AI and health computing are key themes, with arts students specializing in games and culture, and technology management.

ENTRY REQUIREMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- A/AS-levels: BBB. Two AS-levels can substitute for one A-level.
- EPQ with A-levels: BBC + EPQ at grade B.
- Access to HE Diploma: Complete Diploma with at least 45 level 3 credits, including 24 at Distinction.
- International Baccalaureate: Pass Diploma with 28 points.
- BTEC Nationals: Pass Extended Diploma with DDM.

- T Levels: Distinction in either Digital Production, Design and Development, or Digital Business Services.

We don't require specific A-level subjects, but a mix of arts and sciences is ideal. If your qualifications are all in one area, like sciences or arts, we'll consider your personal statement to see if you have skills in computing, programming, web skills, or creative abilities.

TUITION FEE:

Tuition Fee for **September 2025** intake

- **£24,500** per year
- **Year in Industry:** £3,675, which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Product Designer- 2,432
- Digital Artist-559

- IT Support Technician 3,520

KEY SKILLS:

Product designers need **creativity, UX/UI design, and prototyping** skills. Digital artists require **artistic ability, digital tools proficiency, and animation** skills. IT support technicians must have **technical troubleshooting, customer service, and networking** skills.

MODULES:

YEAR 1

Core modules

- Computing Fundamentals
- Programming Fundamentals
- Digital Arts Lab
- Creativity and Computing
- Business and Financial Computing
- Games and Gamification
- Ideation and Design

Option modules

Choose one option module from:

- Managing Digital Technologies
- Introduction to Object Oriented Programming

YEAR 2

Core modules

- Databases and Domain Modelling
- SciArt and Big Data Analysis
- Developmental Computing
- Concurrent Design
- Entertainment Technology and Design
- Foundations of Artificial Intelligence

Option modules

Choose one option module from:

- Using Stories
- Digital Storytelling
- Equity, Diversity and Inclusion (EDI) in Organisations

Then choose one option module from:

- User Interfaces Design and Evaluation
- Affective Computing
- Working in the Creative Industries

FINAL YEAR:

Core modules

- Entrepreneurial Project
- Computers, Society and Professionalism
- Computational Creativity
- Emerging Technologies

Option modules

Choose one option module from:

- Mobile and Web Applications
- Global Cultures

- Sustainability Enterprise Partnership Project*

*Sustainability Enterprise Partnership Project can only be taken through Online Module Selection. Students cannot choose it after OLMS has closed.

Then choose one option module from:

- Independent Study
- Technology Management
- Advertising and Consumer Culture

BSc SOFTWARE ENGINEERING

LEICESTER ADVANTAGE:

You'll be taught languages like C++, Java, JavaScript, Python, and PHP, and learn about software development practices. The curriculum includes software architecture planning, customer requirement analysis, software modelling techniques like UML, and project management. Essential topics like computer architecture, databases, information systems, and web technologies are also covered. The second-year group project and final-year individual project provide real-world experience and are highly valued by employers.

ENTRY REQUIREMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- A/AS-levels: ABB. Two AS-levels can replace one A-level. General Studies accepted.
- EPQ with A-levels: BBB + EPQ at grade B.
- GCSE: Grade C/4 in Maths.
- Access to HE Diploma: Pass Diploma with 45 credits at level 3, 30 at Distinction.

- International Baccalaureate: Pass Diploma with 30 points. Minimum of 4 in HL Maths, 5 in SL Maths, or 6 in Maths Studies if grade 5/B not held at GCSE.
- BTEC Nationals: Full Diploma with DDD* in IT, Science, or Engineering.
- T Levels: Distinction in Digital Production, Design and Development (Software development technician) or Digital Business Services.

TUITION FEE:

Tuition Fee for **September 2025** intake

- **£24,500** per year
- **Year Abroad:** £6,125, which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675, which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

Software Developer/Engineer - 6,870

Network Engineer - 6,170

Database Administrator - 599

Machine Learning Engineer - 7,702

Cloud Solutions Architect - 1,660

KEY SKILLS:

programming languages (Java, Python), network architecture and security, database management systems (SQL), machine learning algorithms, cloud computing (AWS, Azure), software development, debugging, version control, and system design. These skills are essential for roles such as Software Developer/Engineer, Network Engineer, Database Administrator, Machine Learning Engineer, and Cloud Solutions Architect, ensuring competence in modern tech environments.

ACCREDITATION:

This degree is accredited by the British Computer Society (BCS).

MODULES:

YEAR 1

- Computing Fundamentals
- Programming Fundamentals
- Mathematics Fundamentals
- Computer Architecture
- Introduction to Object Oriented Programming
- Requirements Engineering and Professional Practice
- Algorithms, Data Structures and Advanced Programming
- Business and Financial Computing

YEAR 2

In your second year, you will master software engineering through group projects, learning about operating systems, networks, user interfaces, and data analytics. You will develop software for real clients, manage teams, write reports, and give presentations. These skills are highly valued by employers.

Core modules

- Software Architecture and System Development I
- Project Management
- Operating Systems and Networks
- Databases and Domain Modelling
- Software Architecture and System Development - II
- Software Engineering Group Project
- User Interfaces Design and Evaluation

Option modules

Choose one option module from:

- Data Analytics
- Entertainment Technology and Design
- Foundations of Artificial Intelligence

FINAL YEAR

Core modules

- Entrepreneurial Project (double module)
- Computers, Society and Professionalism

Option modules

Choose two option modules from:

- Computational Intelligence and Software Engineering
- Software Measurement and Quality Assurance
- Mobile and Web Applications
- Computational Creativity
- C++ Programming
- Internet and Cloud Computing

Then choose two option modules from:

- Analysis and Design of Algorithms
- Big Data and Predictive Analytics
- Foundations of Cybersecurity
- Technology Management
- Emerging Technologies
- Functional Programming
- AI for Space

SCHOOL OF MATHEMATICS

BSc MATHEMATICS

LEICESTER ADVANTAGE:

The University of Leicester's School of Mathematics and Actuarial Science offers rigorous and intellectually stimulating BSc and MMath degrees in Mathematics. The curriculum in the first two years includes core modules in mathematical analysis and linear algebra, fostering logical and rigorous thinking. Students also explore pure and applied mathematics, covering areas like number theory, differential equations, and mathematical biology. In the final year, a variety of optional modules allows for tailored study aligned with personal interests and career goals.

A year in industry is available, providing practical experience and professional networking. Leicester's strong international research reputation in areas such as financial mathematics, actuarial sciences, and dynamical systems is mirrored in its diverse specialist modules. The BSc is a three-year program, while the MMath extends to a fourth year, including a major project, ideal for those considering a PhD.

ENTRY REQUIREMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- A/AS-levels: AAB-ABB including Maths. Two AS-levels can replace one A-level.
- EPQ with A-levels: ABB-BBB plus EPQ at grade B, with A-level Maths.
- Access to HE Diploma: Pass with 45 level 3 credits, 30 at Distinction, plus A-level Maths at grade A-B. Substantial Level 3 Maths Access credits may be considered instead of A-level Maths. Contact admissions for eligibility.
- International Baccalaureate: Pass with 30 points, including grade 5 in HL Maths.
- BTEC Nationals: Pass Extended Diploma with DDM plus A-level Maths at grade A-B. Contact Admissions for eligibility.

TUITION FEE:

Tuition Fee for **September 2025** intake

BSc: 24,500 GBP

Year Abroad: 6125 GBP which is 25% of the full-time tuition fee.

Year in Industry: 3675 GBP which is 15% of the full-time tuition fee.

Additional costs: Please note that you will need to buy a Casio FX83GT calculator (approximately £6). This is **not included** in your tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Data Analyst- 2,495
- Commercial Analyst-1,685
- Statistical Analyst-659
- Financial Risk Analyst-1,706

KEY SKILLS:

Strong mathematical foundations in calculus, linear algebra, and probability are essential. Additionally, critical thinking, problem-solving, and effective communication skills are crucial for interpreting data and presenting insights. Understanding economic principles and financial risk

management techniques is particularly valuable for Commercial and Financial Risk Analysts.

MODULES:

YEAR 1

CORE MODULES

- Calculus and Analysis (double module)
- Linear Algebra (double module)
- Probability
- Introductory Statistics

OPTION MODULES

Choose one option module from:

- Elements of Number Theory
- Business Microeconomics
- Programming Fundamentals

Then choose one option module from:

- Sets, Relations and Groups
- Business Macroeconomics
- Algorithms, Data Structures and Advanced Programming
- Business and Financial Computing

YEAR 2

CORE MODULE

- Vector Calculus
- Advanced Linear Algebra
- Introduction to Computing
- Differential Equations

- Algebra
- Investigations in Mathematics

OPTION MODULE

Choose one option module from:

- Actuarial Modelling 1
- Statistical Distributions and Inference
- Markov Processes
- Advanced Discrete Mathematics

Then choose one option module from:

- Mathematical Foundations of AI and Machine Learning
- Statistical Data Analysis*
- Industrial Applications of Mathematics
- Actuarial Modelling 2**

* to take this module, you must choose Statistical Distributions and Inference from the previous list

** to take this module, you must choose Actuarial Modelling 1 from the previous list

FINAL YEAR

OPTION MODULES

Choose three option modules from:

- Scientific Computing
- Financial Mathematics
- Operational Research
- Curves and Surfaces
- Groups and Symmetry
- Mathematical Modelling
- Equations of Mathematical Physics

- Topology
- Business Microeconomics*

* not available if Business Microeconomics was taken in year 1

Then choose three option modules from:

- Topics in Mathematical Biology
- Financial Risk
- Generalised Linear Models
- Complex Analysis
- Number Theory
- Communicating Mathematics
- Computational Partial Differential Equations with Finite Elements
- Data Mining and Neural Networks
- Squaring the Circle and Irreducible Polynomials
- Introduction to Functional Data Analysis
- Business Macroeconomics*

* not available if Business Macroeconomics was taken in year 1

In the Mathematics degree program, students can choose to complete either a Mathematics Research Project or an Industrial Mathematics Project. The available modules for current students may vary, and the content of any individual module can change in future years.

MMATH MATHEMATICS

LEICESTER ADVANTAGE:

Actuarial Science Society (LASS), which organize various social activities and guest lectures throughout the year. The academic staff are prolific in their fields, having authored or edited numerous books and regularly publishing in esteemed national and international journals. As a student, you will benefit from direct interaction with these experts, engaging with

them in lectures and seminars where you can **learn from their extensive knowledge and research**. This unique opportunity allows students to immerse themselves in a rich academic environment, fostering both their intellectual and professional growth.

ENTRY REQUIREMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** You need AAB-ABB grades, including Maths. Two AS-levels can count as one A-level.
- **EPQ (Extended Project Qualification) with A-levels:** ABB-BBB grades in A-levels, including Maths, plus a B grade in EPQ.
- **Access to HE Diploma:** You must pass the Diploma with at least 45 credits at level 3, including 30 credits at Distinction. You also need A-level Maths at grades A-B. Alternatively, substantial Level 3 Maths Access credits may be considered instead of A-level Maths.
- **International Baccalaureate (IB):** You need to pass the Diploma with 30 points overall, including a grade 5 in Higher Level (HL) Maths.
- **BTEC Nationals:** Pass the Extended Diploma with DDM grades, and also have A-level Maths at grades A-B. Contact Admissions for eligibility details.

TUITION FEE:

Tuition Fee for **September 2025** intake

BSc: 24,500 GBP

Year Abroad: 6125 GBP which is 25% of the full-time tuition fee.

Year in Industry: 3675 GBP which is 15% of the full-time tuition fee.

Additional costs: Please note that you will need to buy a Casio FX83GT calculator (approximately £6). This is **not included** in your tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY

- Machine Learning Engineer- 6,990
- Market Analyst- 3,650
- Pension Consultant-13,850
- Systems Analyst- 4,622
- Economic Analyst-789

KEY SKILLS:

The modules listed equip students with **essential skills** across diverse fields. Proficiency in **advanced calculus, linear algebra, and vector**

calculus enables mathematical modeling and analysis in real-world scenarios, bolstered by adeptness in **probability theory, statistical analysis, and inference**. Mastery of **number theory, algebraic structures, and economic principles** facilitates critical thinking and problem-solving in business and economic contexts. Additionally, **programming fundamentals, algorithm design, and data structures proficiency** empower students to develop efficient software solutions and computational methods, essential for modern technological and analytical roles across various industries.

MODULES:

YEAR 1

CORE MODULES

- Calculus and Analysis (double module)
- Linear Algebra (double module)
- Probability
- Introductory Statistics

OPTION MODULES

Choose one option module from:

- Elements of Number Theory
- Business Microeconomics
- Programming Fundamentals

Then choose one option module from:

- Sets, Relations and Groups
- Business Macroeconomics
- Algorithms, Data Structures and Advanced Programming

- Business and Financial Computing

This is the same as Year 1 of the BSc.

YEAR 2

CORE MODULES

- Vector Calculus
- Advanced Linear Algebra
- Introduction to Computing
- Differential Equations
- Algebra
- Investigations in Mathematics

OPTION MODULES

Choose one option module from:

- Actuarial Modelling 1
- Statistical Distributions and Inference
- Markov Processes
- Advanced Discrete Mathematics

Then choose one option module from:

- Mathematical Foundations of AI and Machine Learning
- Statistical Data Analysis*
- Industrial Applications of Mathematics
- Actuarial Modelling 2**

* to take this module, you must choose Statistical Distributions and Inference from the previous list

** to take this module, you must choose Actuarial Modelling 1 from the previous list

This is the same as Year 2 of the BSc. At the end of Year 2 your performance must meet a set level to continue on the MMath. If this is not the case, you will transfer to the BSc and complete your degree in three years.

YEAR 3

CORE MODULES

- Industrial Mathematics Project (double module)*
- Mathematics Research Project (double module)*

* only one of Industrial Mathematics Project or Mathematics Research Project can be taken.

OPTION MODULES

Choose three option modules from:

- Scientific Computing+
- Financial Mathematics+
- Operational Research
- Curves and Surfaces
- Groups and Symmetry
- Mathematical Modelling
- Topology
- Business Microeconomics*

+ should not be chosen if wishing to take equivalent module in the final year

* not available if Business Microeconomics was taken in year 1

Then choose two option modules from:

- Equations of Mathematical Physics+
- Financial Risk

- Generalised Linear Models+
- Number Theory
- Communicating Mathematics
- Data Mining and Neural Networks
- Squaring the Circle and Irreducible Polynomials
- Introduction to Functional Data Analysis
- Business Macroeconomics*

+ should not be chosen if wishing to take equivalent module in the final year

* not available if Business Macroeconomics was taken in year 1

FINAL YEAR

OPTION MODULES

Choose three option modules from:

- Scientific Computing+
- Operational Research+
- Groups and Symmetry
- Curves and Surfaces
- Financial Mathematics
- Advanced Readings in Mathematics 1
- Mathematical Modelling
- Equations of Mathematical Physics+
- Topology

+ not available if equivalent module taken in year 3

Then choose two option modules from:

- Topics in Mathematical Biology
- Generalised Linear Models+
- Number Theory
- Communicating Mathematics

- Financial Risk
- Computational Partial Differential Equations with Finite Elements
- Data Mining and Neural Networks
- Squaring the Circle and Irreducible Polynomials
- Introduction to Functional Data Analysis

+ not available if equivalent module taken in year 3

Plus your Mathematics Project. If Mathematics Research Project was taken in year 3, the topic of Mathematics Project must be different.

BSc MATHEMATICS AND ACTUARIAL SCIENCE

LEICESTER ADVANTAGE

The **Mathematics and Actuarial Science BSc** at the University of Leicester combines two crucial disciplines. Actuarial science, focusing on **financial risk and uncertainty**, is highly esteemed for its **intellectual challenges and financial rewards**, making it a top career choice. This program integrates **data manipulation skills, teamwork, and communication techniques**, essential for professional success. Graduates gain **exemptions from Institute and Faculty of Actuaries' exams**, alongside **business-focused knowledge** like **data science** and **predictive analytics**. The curriculum emphasizes **personal and professional competencies**, enhanced by an optional industry year, ensuring graduates are **work-ready** in competitive markets. Accredited by the Institute and Faculty of Actuaries, the program offers comprehensive preparation for aspiring actuaries, positioning students to contribute effectively in various sectors with **value-added skills**.

ENTRY REQUIRMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** AAB-ABB grades, including Maths. Two AS-levels can substitute one A-level.
- **EPQ (Extended Project Qualification) with A-levels:** ABB-BBB grades in A-levels, with EPQ grade B. A-levels must include Maths.
- **Access to HE Diploma:** Pass Diploma with at least 45 level 3 credits, including 30 at Distinction. Also need A-level Maths at grades A-B. Consideration given to substantial Level 3 Maths Access credits instead of A-level Maths. Contact Admissions for eligibility.
- **International Baccalaureate:** Pass Diploma with 30 points, including grade 5 in HL Maths.
- **BTEC Nationals:** Pass Extended Diploma with DDM grades, and A-level Maths at grades A-B. Contact Admissions for eligibility details.

TUITION FEE:

Tuition Fee for September 2025 intake

BSc: 24,500 GBP

Year in Industry: £3,675 which is 15% of the full-time tuition fee

Please note that you will need to buy a Casio FX83GT calculator

(approximately £6). **This is not included in your tuition fee**

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.0** with 5.5 minimum in each component.
2. **TOEFL 80** with 20 minimum in each component.
3. **PTE 59 with 59 minimum in each component.**
4. **DET 105** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY

- Data Analyst- 2,495
- Commercial Analyst-1,685
- Statistical Analyst-659
- Financial Risk Analyst-1,706

KEY SKILLS:

Strong mathematical foundations in calculus, linear algebra, and probability are essential. Additionally, critical thinking, problem-solving, and effective communication skills are crucial for interpreting data and presenting insights. Understanding economic principles and financial risk management techniques is particularly valuable for Commercial and Financial Risk Analysts.

MODULES:

YEAR 1

- Calculus and Analysis (double module)
- Linear Algebra (double module)

- Probability
- Business Microeconomics
- Introductory Statistics
- Business Macroeconomics

At the end of Year 1 it may be possible to transfer to the BSc in Mathematics (or the four-year MMath).

YEAR 2

- Actuarial Modelling 1
- Markov Processes
- Statistical Distributions and Inference
- Actuarial Professional Skills and Employability
- Actuarial Modelling 2
- Survival Models
- Statistical Data Analysis
- Business Finance

YEAR 3

CORE MODULES

- Actuarial Mathematics Project
- Financial Engineering for Actuaries
- Liability Modelling

OPTION MODULES

Choose two option modules from:

- Operational Research
- The Management and Shaping of Innovation

- Business Microeconomics*
- Fundamentals of Data Science
- Readings in Actuarial Science

Then choose two option modules from:

- Generalised Linear Models
- Data Mining and Neural Networks
- Business Macroeconomics*
- Behavioural Finance and Investment Strategies
- Technology in Financial Markets

*The economics modules are an option for year 2 joiners onto the programme to allow them to gain all of the exemptions from the IFoA offered within the course.

Plus your Actuarial Mathematics Project (double module).

CAREER EMPLOYMENT:

Graduates of the Mathematics and Actuarial Science program from the University are well-prepared for careers in insurance, pensions, healthcare, banking, business management, and risk assessment. They possess **strong mathematical and statistical expertise** coupled with **critical problem-solving skills** essential for evaluating long-term financial implications in decision-making processes. The program focuses on developing graduates who are **proficient in data analysis and manipulation**, adept at **collaborative teamwork**, and capable of **effective verbal and written communication**. Furthermore, graduates understand their role within organizations and their **potential contributions**. The University supports employability through **dedicated career advisers**, **weekly employability sessions** with qualified actuaries providing industry insights, and **networking opportunities** with financial employers through Actuarial Society events. A **professional skills and employability module** further enhances readiness for competitive job markets, ensuring graduates are equipped to excel in their chosen fields.

BSc MATHEMATICS AND ARTIFICIAL INTELLIGENCE

LEICESTER ADVANTAGE:

The BSc in Mathematics and AI at the University of Leicester meets the increasing demand for skilled professionals capable of handling vast data streams essential to modern healthcare, public safety, and scientific advancement. Artificial Intelligence (AI), powered by advanced machine learning and data analytics, is pivotal in extracting and processing this data efficiently. Major tech firms like Google, Amazon, IBM, and Microsoft have integrated AI into widespread applications such as intelligent image and sound recognition, indicating its rapid adoption and expansion. To sustain and advance these technologies, there is a growing need for well-educated AI specialists. The program emphasizes mathematical foundations, computational skills, and digital proficiency, preparing graduates to excel in AI-driven fields. The University of Leicester, renowned for its expertise in Mathematics and Informatics, ensures students receive high-quality education and research opportunities, collaborating closely with industry leaders to foster innovation and meet evolving market demands.

ENTRY REQUIRMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- A/AS-levels: AAB-ABB grades, including Maths. A-level Computer Science is preferred. Two AS-levels can substitute one A-level.
- EPQ (Extended Project Qualification) with A-levels: ABB-BBB grades in A-levels, with EPQ grade B. A-levels must include Maths.
- Access to HE Diploma: Pass relevant diploma with at least 45 level 3 credits, including 30 at Distinction. This must include 15 credits at Distinction in Maths. Also need A-level Maths at grades A-B.

Consideration given to substantial Level 3 Maths Access credits instead of A-level Maths. Contact Admissions for eligibility.

- International Baccalaureate: Pass Diploma with 30 points, including grade 5 in HL Maths.
- BTEC Nationals: Pass Extended Diploma with DDM grades, and A-level Maths at grades A-B. Contact Admissions for eligibility details.

TUITION FEE:

Tuition Fee for September 2025 intake

BSc: 24,500 GBP

Year in Industry: £3,675 which is 15% of the full-time tuition fee

Please note that you will need to buy a Casio FX83GT calculator (approximately £6). **This is not included in your tuition fee**

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. IELTS 6.0 with 5.5 minimum in each component.
2. TOEFL 80 with 20 minimum in each component.
3. PTE 59 with 59 minimum in each component.
4. DET 105 with 95 minimum in each component.

Waiver:

- If the student scored 80% and above in State board- 12th grade English or

- If the student scored 70% and above in National board-12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- AI Engineer-760
- Algorithm Engineer-987
- Mathematics and AI Project-200
- Mathematical Analyst-220
- Research Scientist - AI and Machine Learning-243

KEY SKILLS:

Professionals in AI and algorithm engineering roles need expertise in machine learning frameworks, deep learning, and cloud computing. Algorithm engineers develop efficient algorithms in languages like Java, C++, or Python. Mathematical analysts use R, SAS for modeling and analysis. AI researchers innovate in deep learning and computer vision, requiring strong analytical skills.

MODULES:

YEAR 1

CORE MODULES

- Calculus and Analysis (double module)
- Linear Algebra (double module)
- Probability
- Programming Fundamentals
- Introductory Statistics
- Algorithms, Data Structures and Advanced Programming

YEAR 2

CORE MODULES

- Vector Calculus
- Advanced Linear Algebra
- Advanced Discrete Mathematics
- Statistical Distributions and Inference
- Differential Equations
- Mathematical Foundations of AI and Machine Learning

OPTION MODULES

Choose two option modules from:

- Algebra
- Industrial Applications of Mathematics
- Data Analytics
- Statistical Data Analysis

FINAL YEAR

CORE MODULES

- Operational Research
- Machine Learning For Data Analysis and Artificial Intelligence
- Data Mining and Neural Networks
- Nonlinear Optimisation

OPTION MODULES

Choose one option module from:

- Computational Intelligence and Software Engineering
- Computers, Society and Professionalism

- Scientific Computing

Then choose one option module from:

- Analysis and Design of Algorithms
- Generalised Linear Models
- Introduction to Functional Data Analysis

Plus your Mathematics and AI Project

CAREERS AND EMPLOYABILITY:

Mathematicians are in high demand across various industries due to their strong technical and transferable skills. The Mathematics and AI degree equips students with a robust foundation in modeling, computational techniques, and digital skills, making it ideal for careers in the rapidly evolving AI field. Employability skills are integrated into the curriculum from the outset, focusing on group collaboration, presentation abilities, and effective communication—essential attributes sought by employers. The 'Business Applications of Mathematics' module provides practical experience in applying mathematical theory and modeling within a business framework, further enhancing real-world problem-solving capabilities. This program ensures graduates are well-prepared to meet the demands of modern industries, where proficiency in mathematical analysis and AI technologies is increasingly valued for driving innovation and organizational success.

LAW

LLB LAW

LEICESTER ADVANTAGE

At Leicester Law School, our **research-led teaching** is delivered through lectures, tutorials, and seminars. In small group tutorials of around twelve

to fifteen students, you'll receive **individual support** to ensure you have fully understood the topic. You can broaden your perspective with an optional year studying overseas or gain practical experience through our Pro-Bono group, providing free legal advice to real clients. The **Law LLB** offers a traditional route into the legal profession, allowing exploration of diverse areas of law with numerous **optional modules**. It equips students with **legal knowledge** and **transferable skills** such as **reasoning, research, and problem-solving**. Core subjects are recognized by the Bar Standards Board and essential for future qualification as a solicitor or barrister. Graduates receive guidance for the Solicitor's Qualifying Exam and barrister training courses, with **excellent employment prospects** evidenced by 95% employed or pursuing further study six months post-graduation. The course cultivates **analytical and practical skills**, providing a solid foundation for a successful legal career.

ENTRY REQUIREMENTS:

At Leicester, we do not mandate the National Admissions Test for Law (LNAT). We find that exam grades, personal statements, and school references offer sufficient insights without relying on LNAT scores.

- Students must have achieved a minimum of 75% in their 12th standard
- **A-levels:** AAB grades accepted, including General Studies.
- **EPQ with A-levels:** ABB grades plus EPQ at grade B.
- **GCSE:** English Language at Grade C/4 or above.
- **Access to HE Diploma:** Pass with 45 Level 3 credits, including 30 at Distinction and 15 at Merit.
- **International Baccalaureate:** Pass diploma with 33 points, including a minimum grade 4 in English A or grade 5 in English B (if GCSE English Language grade 4/C not held).
- **BTEC Nationals:** DDD grades with strong GCSE background.
- **T Levels:** Distinction with A in core component. Contact Admissions Team for details on accepted T Levels.

TUITION FEE:

Tuition Fee for **September 2025** intake

BSc: 18,950 GBP

Year Abroad: 4737.50 GBP which is 25% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Corporate Commercial Lawyer- 587
- Public Law Lawyer-553
- Commercial Lawyer-1,630
- Legal Advisor-2,362
- criminal law-1,086

KEY SKILLS:

Corporate Commercial Lawyers need strong analytical and negotiation skills, expertise in commercial law, and excellent drafting abilities. **Public Law Lawyers** require knowledge of administrative law, research skills, and legislative interpretation. **Commercial Lawyers** must have problem-solving skills, understanding of regulations, and negotiation prowess. **Legal Advisors** need research abilities and clear communication. **Criminal Lawyers** require advocacy, negotiation, and analytical skills.

MODULES:

- Analysing Law
- Constitutional and Administrative Law
- Contract Law
- Law, Justice and Society
- Law of Tort

For access to Canadian Law optional modules, choose the **LLB Law (Canadian stream)** before the start of term in the first year.

YEAR 2

- Criminal Law
- Land Law
- Equity and Trusts
- Law of EU-UK Relations

YEAR 3

Choose two option modules from:

- Bioethics
- Company Law
- Criminology
- Law Dissertation
- Employment Law
- Family Law

- Human Rights in the 21st Century
- Immigration Law
- Intellectual Property Law
- Law in the Community: Pro Bono
- International Law
- Jurisprudence
- Law and Political Theory
- Law of Evidence
- Medical Law

Then **choose one module** from:

- Law in Practice: Legal Advice Clinic
- Commercial Law: Domestic Sale of Goods and Agency
- Gender, Sexuality and the Law
- Commercial Property
- Dispute Resolution
- International Commercial Arbitration
- Criminal Justice: Policing, Sentencing and Rehabilitation
- Competition Law
- Islamic Law

Finally **choose one module** from:

- Advanced Law in Practice: Legal Advice Clinic
- Law in Practice: Legal Advice Clinic
- Caring and the Law
- Commercial Law: Introduction to International Sale of Goods
- Commercial Law in a Digital World
- Wills and the Administration of Estates
- Real Estate in Practice
- Criminal Justice: Criminal Trials and Appeals

SOLICITORS QUALIFYING EXAM (SQE)

How the Leicester Law School LLB degrees prepare you for the SQE:

Leicester Law School's LLB degrees are designed to give you a strong foundation in legal principles and practices, ensuring you are well-prepared for the Solicitors Qualifying Examination (SQE). The curriculum includes practical skills training, critical thinking, and a thorough understanding of the law, which are crucial for the SQE.

Information about Stages 1 and 2 of the SQE:

The SQE consists of two stages. Stage 1 focuses on legal knowledge and includes multiple-choice exams covering a broad range of legal areas. Stage 2 assesses practical legal skills through tasks such as client interviews, advocacy, and legal drafting. Leicester Law School offers guidance and resources to help you excel in both stages.

How we can help you in getting Qualifying Work Experience:

Leicester Law School supports you in gaining the Qualifying Work Experience (QWE) required for the SQE. This includes placements, internships, and volunteering opportunities that provide hands-on legal experience, ensuring you meet the practical requirements for qualification as a solicitor.

How graduates from Leicester Law School benefit from partnerships:

Graduates from Leicester Law School benefit from partnerships with the University of Law, BPP, and Barbri. These partnerships offer guaranteed entry schemes, discounts, and scholarships, making it easier and more affordable for Leicester graduates to pursue their SQE preparation and further legal training.

How you can fund your SQE Preparation Course:

Funding options for your SQE Preparation Course include scholarships, bursaries, and loans. Leicester Law School provides information and advice on the various financial support options available to help you manage the costs of your SQE preparation.

How the team of specialist careers tutors will support you:

Leicester Law School's team of specialist careers tutors offers personalized support to help you make informed decisions about your legal career. They provide advice on career paths, application processes, and interview preparation, ensuring you are well-equipped to succeed in the legal profession.

LLB LAW WITH CRIMINOLOGY

LEICESTER ADVANTAGE:

Our degree prepares you for diverse careers in criminal justice, offering dual perspectives from legal and criminology disciplines. You'll develop skills in legal reasoning, research, and an understanding of social policy and justice principles. The curriculum includes modules from Leicester Law School and the School of Criminology, exploring the nature, causes, and control of criminal behavior. Ranked #2 For teaching criminology by The Guardian University Guide 2021, our program examines law-making, law-breaking, and law enforcement processes. Opportunities include studying abroad or providing free legal advice through our Pro-Bono group. This course is ideal for those interested in criminal law and criminology, combining legal studies with an understanding of criminal behavior, societal responses to crime, and the interplay between law and criminology. Optional modules allow for deeper exploration of criminology issues, advanced legal skills development, and study of complementary law areas

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A-levels:** Grades AAB (including General Studies, which is accepted)

- **EPQ (Extended Project Qualification) with A-levels:** Grades ABB + EPQ at grade B
- **GCSE:** English language at Grade C/4 or above
- **Access to HE Diploma:** Pass with 45 credits at Level 3, including 30 credits at Distinction and 15 credits at Merit
- **International Baccalaureate:** Pass with 33 points, including at least grade 4 in English A or 5 in English B if grade 4/C wasn't achieved in GCSE English Language
- **BTEC Nationals:** DDD with a strong GCSE background
- **T Levels:** Distinction and A in the core component. Contact the Admissions Team for full details.

Note: They do not require the LNAT (National Admissions Test for Law) for law applicants, believing that exam grades and school reports provide sufficient information.

TUITION FEE:

Tuition Fee for **September 2025** intake

BSc: 18,950 GBP

Year Abroad: 4737.50 GBP which is 25% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or

- If the student scored **70%** and above in **National board-12th grade English**

IELTS will be waived-off.

JOB AVAILABILITY:

- Public Law Solicitor-473
- Legal Counsel (Contracts)-400
- Insurance Claims Handler-524
- Probation Office-765
- Rehabilitation Support Worker-2,280

KEY SKILLS:

Public Law Solicitors need **expertise in constitutional and administrative law**, strong **analytical skills**, and **proficiency in legal advocacy**. Legal Counsel in **Contracts** should have deep **contract law knowledge, negotiation abilities, and strategic advisory skills**.

Insurance Claims Handlers require expertise in **insurance law**, efficient **claims processing**, and excellent **communication**. **Probation Officers** need **empathy, interpersonal skills, and criminal justice system understanding**. **Rehabilitation Support Workers** require **empathy, organizational skills, and teamwork abilities** for effective **rehabilitation support**.

MODULES:

YEAR 1

- Analysing Law
- Constitutional and Administrative Law
- Contract Law
- Introduction to Criminology
- Law, Justice and Society

YEAR 2

In your legal studies, you'll focus on three main areas: Criminal Law, European Law, and the Law of Tort. Building on your first year of criminology, you'll also learn about practical aspects like punishment and rehabilitation.

CORE MODULES

- Criminal Law
- The Law of Tort (Advanced)
- Punishment and Rehabilitation

OPTION MODULES:

- Either **Law of EU-UK Relations** (double module)
- or **Law of EU-UK Relations** (single module) and one of the

Criminology option modules listed below

Criminology option modules

- Sex and Violence
- Criminology Goes to the Movies
- Terrorism
- Criminal Investigations

CAREER EMPLOYABILITY:

The **Leicester Law School** offers robust **career support** and opportunities to prepare students for **legal professions** or diverse **career paths**. Students benefit from engaging in **pro bono projects**, including real client advisory roles through the **Legal Advice Clinic** and unique initiatives like supporting individuals on **death row** in the **USA**. **Legal competitions**, such as **mooting** and **negotiation**, enhance practical skills in dedicated

facilities. The school provides **guaranteed entry schemes** for professional training courses with the **University of Law**, alongside comprehensive support for **bar course interviews**. **Networking events** with top **law firms** and workshops on job applications and interviews ensure students develop crucial **professional skills**. The curriculum includes **practice-focused assessments** from the first year, preparing students for legal practice in **England, Wales**, and recognition in **Malaysia** and **Canada**. The Leicester LLB is tailored to meet **professional qualifications**, providing pathways for **solicitors, barristers, and legal executives**.

GRADUATE DESTINATIONS:

Graduates from our Law degrees have gone on to work for a wide range of employers including:

- Crown Prosecution Service
- Magistrates Court Service
- Unlocked (Prison Service)
- NACRO (offenders)
- DLA Piper
- Freeths LLP
- Grant Thornton LLP
- Home Office
- Shakespeare Martineau LLP
- Rolls-Royce

RELEATED COURSE:

- Law
- Criminology
- Law with Politics

LLB LAW WITH POLITICS

ENTRY REQUIREMENTS:

LNAT: Not required; the university assesses applicants based on exam grades and school reports.

A-levels: AAB required, with General Studies accepted.

EPQ (Extended Project Qualification): ABB at A-levels plus a grade B in the EPQ.

GCSE: English language at Grade C/4 or above.

Access to HE Diploma: Pass with 45 Level 3 credits, including 30 at Distinction and 15 at Merit.

International Baccalaureate: Pass with 33 points, including a minimum of grade 4 in English A or 5 in English B if not achieving at least a Grade 4/C in GCSE English Language.

BTEC Nationals: DDD with a strong GCSE background.

T Levels: Distinction and A in the core component; contact admissions for specific T Level details.

information.

TUITION FEE:

Tuition Fee for **September 2025** intake

BSc: 18,950 GBP

Year Abroad: 4737.50 GBP which is 25% of the full-time tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Corporate Commercial Lawyer- 587
- Public Law Lawyer-553
- Commercial Lawyer-1,630
- Legal Advisor-2,362
- criminal law-1,086

KEY SKILLS:

Corporate Commercial Lawyers need strong analytical and negotiation skills, expertise in commercial law, and excellent drafting abilities. **Public Law Lawyers** require knowledge of administrative law, research skills, and legislative interpretation. **Commercial Lawyers** must have problem-solving skills, understanding of regulations, and negotiation prowess. **Legal Advisors** need research abilities and clear communication. **Criminal Lawyers** require advocacy, negotiation, and analytical skills.

MODULES:

YEAR 1

CORE MODULES

- Constitutional and Administrative Law
- Contract Law
- Analysing Law
- Introduction to Politics
- Law, Justice and Society
- Comparative European Politics

YEAR 2

CORE MODULES

- Law of EU-UK Relations
- Criminal Law
- The Law of Tort (Advanced)

OPTION MODULES

Choose either Political Ideas or Political Parties in Contemporary Britain
Then choose either European Union Politics or Contemporary Political
Philosophy: Theories of Justice

CORE MODULES

- Land Law (advanced)
- Equity and Trusts (Advanced)

OPTION MODULES

Choose **one law option module** from:

- Law in the Community: Pro Bono
- Bioethics

- Commercial Law
- Company Law
- Criminology
- Law Dissertation
- Employment Law
- Family Law
- Human Rights in the 21st Century
- Immigration Law
- Intellectual Property Law
- International Law
- Jurisprudence
- Law and Political Theory
- Law of Evidence
- Medical Law

Or **two law option modules** from:

- Law in Practice: Legal Advice Clinic
- Advanced Law in Practice: Legal Advice Clinic
- Caring and the Law
- Commercial Property
- Criminal Justice: Criminal Trials and Appeals
- Dispute Resolution
- Wills and the Administration of Estates
- International Commercial Arbitration
- Gender, Sexuality and the Law
- Real Estate in Practice
- Environmental, Climate Change and Sustainability Law
- Commercial Law: Domestic Sale of Goods and Agency
- Commercial Law: Introduction to International Sale of Goods
- Commercial Law in a Digital World
- Criminal Justice: Policing, Sentencing and Rehabilitation
- Competition Law
- Islamic Law
- Corporate Governance

- Animal Rights Law
- Law and Religion
- Business Law in Practice

Then choose **two politics option modules** from:

- Feminism
- The American Presidency
- The Conservatives: Crisis and Recovery
- Parliamentary Studies
- Global Justice and Human Rights
- Political Legacies of Conflict in Northern Ireland
- International Migration in the Age of Securitisation
- The Political Theory of Disobedience and Protests
- Comparative Public Opinion
- Brexit and British Politics
- American Political Development
- Animals and the Environment
- Political Theory of Disobedience

RELEATED COURSE:

- Law
- Politics
- International Relations

BUSINESS AND MANAGEMENT

BA BUSINESS AND MANAGEMENT

LEICESTER ADVANTAGE

At **ULSB**, our courses offer a **comprehensive** exploration of diverse subjects including **management, marketing, human resource**

management, business ethics, and innovation. Emphasising **critical inquiry** and **socially responsible approaches**, we equip students with skills for tackling **modern managerial challenges** through **innovative decision-making**. The **Business and Management BA** program provides a **practical learning journey** exposing students to various **management contexts** globally, nationally, and locally, spanning both **public** and **private sectors**. It challenges **conventional business thinking** while fostering an **educational environment** that encourages questioning **norms** and **perceptions** in **business** and **management**. Accredited by **ILM**, students have the opportunity to achieve ILM's **Level 4 Award in Leadership and Management** upon completing relevant modules. The first year allows flexibility to switch between **Business Management, Human Resource Management, and Marketing BA** degrees, ensuring a tailored **educational path**. Ultimately, our courses aim to cultivate **effective, socially responsible managers** equipped to succeed in today's **dynamic organisational landscapes** across sectors.

ENTRY REQUIREMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A/AS-levels:** ABB grades accepted. All subjects are considered. Two AS-levels can substitute one A-level.
- **EPQ with A-levels:** BBB grades with a B in the EPQ.
- **GCSE:** Grade 4/C in Mathematics and English Language.
- **Access to HE Diploma:** Pass with 45 Level 3 credits, including 30 at Distinction.
- **International Baccalaureate:** Diploma with 30 points overall. Must have at least grade 4 in SL Maths Analysis and Approach, grade 3 in HL Maths, or grade 5 in SL Maths Application and Interpretation if not achieved at GCSE. Minimum grade 4 in English A or 5 in English B if not attained at GCSE.
- **BTEC National Extended Diploma:** DDM in Business; other subjects may be considered.
- **T Levels:** Distinction in Accounting, Finance, or Management and Administration. Also requires GCSE Mathematics and English Language at grade 4 or above.

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BA:19,700GBP**per year
- **Year Abroad:** 4,925GBP which is 25% of the full-time tuition fee
- **Year in Industry:** £2,955 GBP, which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

ACCREDITATION:

Accreditation: This course is **dual accredited** by ILM, the UK's leading **Management Awarding Organisation**. Upon successful completion of the relevant modules, you will receive a **Level 4 Award in Leadership and Management**. This professional qualification **demonstrates** your developed **leadership** and **management skills**, applied in realistic simulations. In addition to the dual award, you will gain a year's membership to ILM, providing access to valuable **online resources**.

JOB AVAILABILITY:

- Entrepreneur-1,792
- Digital Transformation Consultant-989
- Management Accountant-1,267
- Finance Manager-5,673
- HR Advisor-1,571
- Brand Manager- 14,403

KEY SKILLS:

Entrepreneurs require strategic vision, risk management, and leadership. **Digital Transformation Consultants** focus on change management, digital strategy, and stakeholder engagement. **Management Accountants** excel in financial reporting, budgeting, and cost management. **Finance Managers** lead in financial planning, team leadership, and risk management. **HR Advisors** specialise in employee relations, recruitment, and performance management. **Brand Managers** drive brand strategy, market analysis, and creative marketing campaigns. These skills are essential for navigating the complexities and demands of each role effectively.

MODULES:

YEAR 1

Core modules

- Introduction to Management
- Business, Economy and Society
- Principles of Marketing

- Managing Human Resources
- Business Finance and Reporting
- Managing Digital Technologies
- Enterprise in Practice

Option modules

Choose one option module from the following:

- Contemporary Issues in Business and Management
- The Future of Work
- Consumers, Brands and Digital Marketing

YEAR 2

- Organisational Behaviour
- Strategy
- The Business Environment
- Human Resource Management in Practice
- Consultancy Challenge
- Operations Management
- Corporate Social Responsibility: Theory and Practice
- Management Theory and Debate

FINAL YEAR

Core modules

- Research Methods
- Sustainable Development in Practice
- International Business

Plus either Dissertation (Management) or Business Report (Management)

Option modules

Choose one option module from:

- Power at Work
- Business in the Digital Economy
- Employment Relations in the Global Economy
- Crisis Management
- The Management and Shaping of Innovation
- Business Ethics

Plus two option modules from:

- Managing Knowledge in Organisations
- Ecology and Sustainability: Contemporary Issues
- Big Data and People Analytics
- Strategic Human Resource Management
- Cyberpsychology at Work

- Entrepreneurship
- Strategic Marketing Management and Practice
- Business and the Space Economy

STUDENT PLACED SO FAR:

- Credit Agricole
- Barclays
- KPMG
- Deutsche Banks
- Deloitte
- **Ernst and Young**

RELATED COURSE:

Marketing

Human Resource Management

BA HUMAN RESOURCE MANAGEMENT

LEICESTER ADVANTAGE:

At Leicester, our Human Resource Management courses offer transformative insights into the management of societal resources through world-leading academic knowledge and specialized modules. Studying at our new £16 million Brookfield campus, exclusive to School of Business students, you'll explore the intricate dynamics between employers and employees. Our curriculum exposes you to managerial realities in both

public and private sectors, emphasizing the practical application of management theory to solve real-world challenges. With a focus on organizational studies, you'll develop critical analytical, communication, and teamwork skills crucial for any career path. Accredited by CIPD and dual-accredited with ILM, our programs ensure you gain a Level 4 Award in Leadership and Management. The first year offers flexibility to switch to related BA degrees, enhancing your versatility in business management. By addressing cultural, legal, and economic influences on labor markets, our courses prepare you to navigate ethical and social responsibilities within organizations worldwide, fostering effective and socially responsible management practices.

ENTRY REQUIREMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- A/AS-levels: ABB grades accepted. All subjects are considered. Two AS-levels can substitute one A-level.
- EPQ with A-levels: BBB grades plus a grade B in the Extended Project Qualification (EPQ).
- GCSE: Grade 4/C in Mathematics and English Language required.
- Access to HE Diploma: Pass the relevant diploma with 45 Level 3 credits, including 30 credits at Distinction.
- International Baccalaureate (IB): Diploma pass with 30 points overall. Must have at least grade 4 in SL Maths Analysis and Approach, or grade 3 in HL Maths, or grade 5 in SL Maths Application and Interpretation (if not achieved at GCSE). Must also include at least grade 4 in English A or 5 in English B if grade 4/C not achieved in GCSE English Language.
- BTEC National Extended Diploma: DDM in Business accepted. Other subjects may also be considered.
- T Levels: Distinction required in Accounting, Finance, or Management and Administration. GCSE Maths and English Language at grade 4 are also required.

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BA:19,700GBP**per year
- **Year Abroad:** 4,925GBP which is 25% of the full-time tuition fee
- **Year in Industry:** £2,955 GBP, which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

ACCREDITATIONS:

The University of Leicester School of Business is accredited by two important organisations:

CIPD: The Chartered Institute of Personnel and Development has been promoting better work environments for over a century. It supports organisations by focusing on their people, which helps economies and societies thrive. CIPD is the leading professional body for HR, L&D, OD,

and all people professionals worldwide. As a graduate, you can become a CIPD Associate Member and use the designation Assoc CIPD.

ILM: This course is also accredited by ILM, the UK's top Leadership and Management Awarding Organisation. Completing relevant modules earns you a Level 4 Award in Leadership and Management, showing you've developed these skills through practical simulations. You also receive a year's membership to ILM, providing access to valuable online resources.

JOB AVAILABILITY:

- Digital Marketing Executive- 1,226
- Market Research Analyst-978
- Assistant Manager- 11,508
- Operations Manager- 3,128
- Business Development Manager- 4,552
- Financial Controller-1,640
- Business Development Executive-5,506

KEY SKILLS:

Digital Marketing Executives require proficiency in SEO, SEM, and digital advertising, alongside strong analytical capabilities for campaign performance. Market Research Analysts need strong data analysis and market research skills, with a knack for report writing and presentations. Assistant Managers excel in leadership, team management, and operational efficiency. Operations Managers demonstrate expertise in strategic planning, resource management, and process optimization. Business Development Managers leverage sales proficiency, strategic thinking, and relationship management for market expansion. Financial Controllers specialize in financial reporting, budgeting, and compliance, ensuring robust financial management. Business Development Executives thrive with sales prospecting, client relationship building, and a sharp business acumen for identifying growth opportunities.

MODULES:

YEAR 1

- Principles of Marketing
- Managing Human Resources
- Introduction to Management
- Business, Economy and Society
- Business Finance and Reporting
- Managing Digital Technologies
- Enterprise in Practice

Option modules

Choose one option module from the following:

- Contemporary Issues in Business and Management
- The Future of Work
- Consumers, Brands and Digital Marketing

YEAR 2

- Organisational Behaviour
- Human Resource Management in Practice
- Equity, Diversity and Inclusion (EDI) in Organisations
- Globalisation and Skills
- Labour Market Trends and Debates
- Consultancy Challenge
- Developing HR Practitioner Skills
- Workplace Learning and HRM

FINAL YEAR

Core modules

- Research Methods
- Employment Relations in the Global Economy

- Power at Work
- Strategic Human Resource Management
- Big Data and People Analytics
- Employment Law for HR Practitioners

Plus either Dissertation (Human Resource Management) or Business Project (Human Resource Management)

ACCREDITATIONS:

The University of Leicester School of Business is accredited by two important organizations:

CIPD: The Chartered Institute of Personnel and Development has been advocating for better work environments for over a century. It supports organizations by focusing on their people, helping economies and societies thrive. CIPD is the professional body for HR, L&D, OD, and all people professionals globally. As a graduate, you can become a CIPD Associate Member and use the title Assoc CIPD.

ILM: This course is also accredited by ILM, the UK's top Leadership and Management Awarding Organisation. Completing relevant modules earns you a Level 4 Award in Leadership and Management, demonstrating your developed skills in practical working scenarios. Additionally, you'll receive a year's membership to ILM, granting access to valuable online resources.

STUDENT PLACED SO FAR:

- Credit Agricole
- Barclays
- KPMG
- Deutsche Banks
- Deloitte
- Ernst and Young

RELATED COURSE:

- Management Studies
- Marketing

BA MARKETING

LEICESTER ADVANTAGE:

At the University of Leicester School of Business, our new £16 million Brookfield campus offers state-of-the-art facilities for exclusive student use. Our Marketing BA program focuses on marketing management, digital and social media marketing, and marketing intelligence, equipping you with critical analytical and communication skills. Accredited by the Chartered Institute of Marketing, the program provides module exemptions for 2:2 graduates who join CIM. Dual accreditation with ILM allows you to pursue their Level 4 Award in Leadership and Management. With the option to switch to related BA degrees after the first year, our courses prepare you for leadership in global organizational settings.

ENTRY REQUIRMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- A/AS-levels: ABB grades accepted in any subjects. Two AS-levels can substitute one A-level.
- EPQ with A-levels: BBB grades plus a grade B in the Extended Project Qualification (EPQ).
- GCSE: Grade 4/C required in Mathematics and English Language.
- Access to HE Diploma: Pass with 45 Level 3 credits, including 30 credits at Distinction.
- International Baccalaureate (IB): Diploma pass with 30 points overall. Requires at least grade 4 in SL Maths Analysis and Approach, or grade 3 in HL Maths, or grade 5 in SL Maths Application and Interpretation (if not achieved at GCSE). Also needs at least grade 4 in English A or 5 in English B if grade 4/C not achieved in GCSE English Language.

- BTEC National Extended Diploma: DDM in Business accepted, other subjects may also be considered.
- T Levels: Distinction required in Accounting, Finance, or Management and Administration. Also, need GCSE Mathematics and English Language at grade

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BA:19,700GBP**per year
- **Year Abroad:** 4,925GBP which is 25% of the full-time tuition fee
- **Year in Industry:** £2,955 GBP, which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

ACCREDITATIONS:

We are proud to be a CIM Accredited Degree university, aligning our BA Marketing course modules with CIM professional qualifications.

Completing our course exempts you from certain CIM qualifications like the Certificate in Professional Digital Marketing and the Certificate in Professional Marketing, though direct application and fees for CIM modules apply separately.

The Chartered Institute of Marketing is a leading global organization for marketers, dedicated to advancing the profession, maintaining high standards, and enhancing marketing skills.

Additionally, our course is accredited by ILM, the UK's top Leadership and Management Awarding Organisation. Completing relevant modules earns you a Level 4 Award in Leadership and Management, showcasing your leadership skills in practical work simulations. You also receive a year's membership to ILM, providing access to valuable online resources.

JOB AVAILABILITY:

- Marketing Coordinator-320
- Digital Marketing Specialist-1,885
- Market Research Analyst-936
- Digital Transformation Consultant-975
- Reporting Specialist- 10,390
- Finance Manager-5,122
- Management Trainee-4,515

KEY SKILLS:

Key skills for the mentioned roles include digital marketing proficiency and campaign management for Marketing Coordinators, SEO and PPC expertise for Digital Marketing Specialists, analytical skills and market trend analysis for Market Research Analysts, IT strategy and change management for Digital Transformation Consultants, data analysis and reporting software proficiency for Reporting Specialists, financial reporting and budgeting for Finance Managers, and teamwork and management fundamentals for Management Trainees.

MODULES:

YEAR 1

Core modules

- Principles of Marketing
- Managing Human Resources
- Business, Economy and Society
- Introduction to Management
- Business Finance and Reporting
- Managing Digital Technologies
- Enterprise in Practice

Option modules

Choose one option module from the following:

- Contemporary Issues in Business and Management
- The Future of Work
- Consumers, Brands and Digital Marketing

YEAR 2

- Strategic Brand Management
- Marketing Strategy
- The Business Environment
- Consumer Behaviour
- Marketing Intelligence
- Consultancy Challenge
- Marketing Communications and Digital Media
- Corporate Social Responsibility: Theory and Practice

FINAL YEAR

Core modules

- Business in the Digital Economy
- Services Marketing
- International Marketing

Plus either Dissertation (Marketing) or Business Project (Marketing)
Option modules

Choose one option module from:

- Marketing Theory
- Marketing Analytics and Decisions
- Crisis Management
- The Management and Shaping of Innovation
- Sustainability Enterprise Partnership Project

Plus two option modules from:

- Entrepreneurship
- Marketing Ethics and Society
- The Production of Consumer Culture
- Managing Knowledge in Organisations
- Emerging Technologies and Changing Workplace
- Business and the Space Economy

STUDENT PLACED SO FAR:

- Credit Agricole
- Barclays
- KPMG
- Deutsche Banks
- Deloitte
- Ernst and Young

SCHOOL OF BUSINESS

BSc ACCOUNTING

LEICESTER ADVANTAGE:

At Leicester, the BSc in Accounting offers a solid foundation in accounting and financial expertise, benefiting from research-informed and professionally accredited knowledge. Students will develop quantitative, communication, and IT skills essential for the accounting profession. The course prepares students to work with managers and stakeholders, helping them make informed decisions. It offers exemptions from ACCA, CIMA, ICAEW, and ICAS based on module completion. The first year is shared with Accounting and Finance BSc and Finance BSc, allowing students to switch between these degrees after the first year. The new £16 million Brookfield campus provides exclusive facilities.

ENTRY REQUIREMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- A/AS-levels: ABB. All subjects accepted. Two AS-levels may replace one A-level.
- EPQ with A-levels: BBB + EPQ at grade B.
- GCSE: Maths at grade 5/B and English Language at grade 4/C.
- Access to HE Diploma: Pass relevant diploma with 45 credits at Level 3, including 30 credits at Distinction.
- International Baccalaureate: Pass Diploma with 30 points overall, including specific Maths and English requirements if not met at GCSE.
- BTEC National Extended Diploma: DDD in Business, plus specific GCSE requirements.
- T Levels: Distinction in Accounting or Finance, plus specific GCSE requirements.

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BA:19,700GBP**per year
- **Year Abroad:** 4,925GBP which is 25% of the full-time tuition fee
- **Year in Industry:** £2,955 GBP, which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Financial Accountant - 4,000
- Economist - 580
- Management Accountant - 2,360
- Financial Data Analyst-2,387
- Finance Assistant-1,842

KEY SKILLS

Accounting and finance roles include financial reporting, auditing, taxation, economic analysis, strategic planning, budgeting, financial modeling, legal compliance, statistical analysis, and proficiency in relevant software such as SAP and Excel.

STUDENT PLACED SO FAR:

- Santander
- PWC
- Virgin Media
- Deutsche Bank
- JP Morgan
- KPMG
- Deloitte

MODULES:

YEAR 1

- Financial Accounting
- Economics for Accounting and Finance
- Management for Accounting and Finance
- Maths for Accounting and Finance
- Introduction to Management Accounting
- Introduction to Finance
- Law and Ethics for Accounting and Finance
- Statistics for Accounting and Finance

This is the same first year as the Accounting and Finance BSc and the Finance BSc, so it is possible for you to transfer to either of these courses at the end of your first year.

YEAR 2

In your second year you will begin to specialise in specific areas of accounting. You will learn the essentials of financial reporting, personal taxation and financial audit and assurance. You will also choose an option module, allowing you to tailor your studies to your interests.

Core modules

- Financial Reporting
- Professional Skills Development
- Financial Management
- Personal Taxation
- Intermediate Management Accounting
- Research Methods in Accounting and Finance
- Audit and Assurance

Option modules

Choose **one option module** from:

- Business Taxation
- Corporate Governance

Modules shown represent choices available to current students. The range of modules available and the content of any individual module may change in future years.

FINAL YEAR:

In your final year you will study a range of core advanced modules, including your dissertation – a piece of independent research supported by one-on-one support from an academic tutor. You will also choose from a selection of option modules, giving you the chance to shape your degree around your interests.

Core modules

- Advanced Financial Reporting
- Contemporary Issues in Accounting
- Advanced Audit, Assurance and Ethics
- Technology in Financial Markets
- Dissertation

Option modules

Choose one option module from:

- Advanced Management Accounting
- Public Sector and Non-profit Accounting

Choose **two option modules** from:

- Forensic Accounting
- Professional Ethics and Accounting Theory
- Social and Environmental Accounting
- Advanced Taxation
- Entrepreneurship
- The Business of the Space Economy

Modules shown represent choices available to current students. The range of modules available and the content of any individual module may change in future years.

ACCREDITATION:

This course offers exemptions from exams by prestigious global bodies like ACCA, CIMA, ICAEW, and ICAS. These exemptions enhance employability by skipping some professional exams after graduation, contingent on module completion.

RELATED COURSE:

- Accounting and Finance
- Economics

BSc ACCOUNTING AND FINANCE

LEICESTER ADVANTAGE:

The BSc in Accounting and Finance at Leicester provides a comprehensive education in the fields of accounting and finance, leveraging the state-of-the-art £16 million Brookfield campus dedicated to

School of Business students. The program emphasizes technical proficiency alongside quantitative, communication, and IT skills applicable in accounting and finance settings. Students gain insights into decision-making processes affecting organizations, preparing them for roles in both public and private sectors, as well as voluntary organizations. The degree offers potential exemptions from ACCA, CIMA, ICAEW, and ICAS exams, contingent on successful module completion. Opportunities for a year abroad or industry placement enrich practical skills and professional networks. Additionally, the program facilitates transition to postgraduate study, fostering independence in research and further academic pursuits. Students benefit from flexibility, with the option to switch into this specialized degree after the first year, ensuring tailored academic and career pathways in accounting and finance.

ENTRY REQUIREMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- A/AS-levels: ABB. All subjects accepted. Two AS-levels may be considered in place of one A-level.
- EPQ with A-levels: BBB + EPQ at grade B.
- GCSE: Maths at grade 5/B plus English Language at grade 4/C.
- Access to HE Diploma: Pass relevant diploma with 45 credits at Level 3, including 30 credits at Distinction.
- International Baccalaureate: Pass Diploma with 30 points overall including a minimum of grade 5 in SL Maths Analysis and Approach, grade 4 in HL Maths or grade 6 in SL Maths Application and Interpretation if not held at GCSE grade 5/B. Must include minimum of grade 4 in English A or 5 in English B if grade 4/C not held in English Language GCSE.
- BTEC National Extended Diploma: DDD in Business (plus GCSE Maths grade 5/B and English language at grade 4/C)
- T Levels: Distinction in either: Accounting or Finance (plus GCSE Maths grade 5 and English language at grade 4)

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BA:19,700GBP**per year
- **Year Abroad:** 4,925GBP which is 25% of the full-time tuition fee
- **Year in Industry:** £2,955 GBP, which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Ethics Consultant-1,033
- Financial Advisor- 5,386
- Financial Planning Analyst-986
- Audit Manager-1,037
- Market Analyst-3,369
- Finance Assistant-1,845

KEY SKILLS:

Ethics Consultants; investment advice and financial planning for Financial Advisors; financial modeling and data analysis for Financial Planning Analysts; audit planning and risk assessment for Audit Managers; market research and trend analysis for Market Analysts; and bookkeeping and financial reporting for Finance Assistants.

MODULES:

YEAR 1

- Financial Accounting
- Economics for Accounting and Finance
- Management for Accounting and Finance
- Maths for Accounting and Finance
- Introduction to Management Accounting
- Introduction to Finance
- Law and Ethics for Accounting and Finance
- Statistics for Accounting and Finance

YEAR 2

Core modules

- Financial Reporting
- Professional Skills Development
- Corporate Finance
- Investment Management
- Intermediate Management Accounting
- Research Methods in Accounting and Finance
- Audit and Assurance

Option modules

Choose one option module from:

- Finance for SMEs
- Corporate Governance
- Derivatives

FINAL YEAR:

Core modules

- Advanced Financial Reporting
- Contemporary Issues in Accounting and Finance
- Financial Statement Analysis for Investors
- Technology in Financial Markets

Plus either Dissertation or Research Project

Option modules

Choose **one option** module from:

- Quantitative Finance
- Public Sector and Non-profit Accounting

Choose **two option modules** from:

- Financial Trading
- Forensic Accounting
- Behavioural Finance and Investment Strategies
- Business Taxation
- Advanced Corporate Finance
- The Business of Space Economy

ACCREDITATION:

This course offers exemptions from exams by prestigious global bodies like ACCA, CIMA, ICAEW, and ICAS. These exemptions enhance

employability by skipping some professional exams after graduation, contingent on module completion.

STUDENT PLACED SO FAR:

- Santander
- PWC
- Virgin Media
- Deutsche Bank
- JP Morgan
- KPMG
- Deloitte

RELEATED COURSE:

- Accounting
- Economics and Accounting

BSc FINANCE

LEICESTER ADVANTAGE:

The BSc Finance program at our institution offers a comprehensive education in finance theory, concepts, and practical applications such as investments, data analytics, and trading. You'll develop critical skills to analyze and critique financial techniques. The first year provides foundational knowledge shared with BSc Accounting and BSc Accounting and Finance, enabling informed decisions for specialization after year one. Benefit from a teaching approach that integrates cutting-edge research and practical insights from experienced academics and professionals in the field. This setup ensures a robust academic foundation and prepares you for a career in finance with a focus on real-world application and professional development.

ENTRY REQUIREMENT:

- Students must have achieved a minimum of 75% in their 12th standard.
- A/AS-levels: ABB. All subjects accepted. Two AS-levels may substitute one A-Level.
- EPQ with A-levels: BBB+ EPQ at grade B.
- GCSE: Maths grade 5/B and English Language grade 4/C.
- Access to HE Diploma: Pass with 45 Level 3 credits, including 30 at Distinction.
- International Baccalaureate: Diploma pass with 30 points, including specified Maths and English grades.
- BTEC National Extended Diploma: DDD in Business (with Maths and English GCSE requirements).
- T Levels: Distinction in Accounting or Finance (with specified Maths and English GCSE grades).

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BA:19,700GBP**per year
- **Year Abroad:** 4,925GBP which is 25% of the full-time tuition fee
- **Year in Industry:** £2,955 GBP, which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Relationship Manager-100+
- Financial Analyst 10,000+
- Corporate Controlling 2000+

KEY SKILLS:

Relationship Manager: Strong **communication**, interpersonal, and negotiation skills. **Financial Analyst:** Advanced **analytical**, forecasting, and financial modeling abilities. **Corporate Controlling:** Proficiency in **strategic financial planning**, budgeting, and variance analysis.

MODULES:

YEAR 1:

- Financial Accounting
- Economics for Accounting and Finance
- Management for Accounting and Finance
- Maths for Accounting and Finance
- Introduction to Management Accounting
- Introduction to Finance
- Law and Ethics for Accounting and Finance
- Statistics for Accounting and Finance

YEAR 2

- Financial Reporting
- Professional Skills Development
- Corporate Finance

- Investment Management
- Macro-Finance
- Research Methods in Accounting and Finance
- Derivatives

Option modules

Choose one option module from:

- Finance for SMEs
- Corporate Governance
- Introduction to Banking and Banking Regulation

FINAL YEAR:

Core modules

- Quantitative Finance
- Contemporary Issues in Finance
- Financial Statement Analysis for Investors
- Research Project
- Technology in Financial Markets

Option modules

Choose one option module from:

- Option Pricing
- Public Finance

Choose **two options modules** from:

- Financial Trading
- Risk Management
- Behavioural Finance and Investment Strategies
- International Finance

- Advanced Corporate Finance
- The Business of Space Economy

STUDENT PLACED SO FAR:

- Santander
- PWC
- Virgin Media
- Deutsche Bank
- JP Morgan
- KPMG
- Deloitte

SCHOOL OF BIOLOGICAL SCIENCE

BSc BIOLOGICAL SCIENCE

LEICESTER ADVANTAGE:

The Biological Sciences degree is designed for flexibility and broad learning, allowing students to apply their knowledge across various disciplines. As the field and technology rapidly advance, this interdisciplinary approach becomes increasingly valuable in scientific and non-scientific careers. The program offers a wide selection of topics in Years 2 and 3, enabling students to explore diverse areas or specialize in their passions. It covers molecular and cellular mechanisms and includes practical experiences like field trips. Graduates develop analytical and critical skills that are highly regarded by researchers and employers. This course mirrors the first three years of the MBiolSci in Biological Sciences, providing a strong foundation for further specialization or diverse career paths.

What is the difference between BSc Biological Science and MBiolSci ?

Flexible and Broad Learning: The degree allows students to apply their knowledge across various disciplines.

Interdisciplinary Approach: As science and technology rapidly advance, this approach is valuable in both scientific and non-scientific careers.

Wide Selection of Topics: In Years 2 and 3, students can choose from many subjects or specialize in their passions.

Molecular and Cellular Mechanisms: The course covers fundamental biological mechanisms and includes practical experiences like field trips.

Transferable Skills: Graduates develop analytical and critical skills that are highly valued by researchers and employers.

Foundation for Specialization: The course mirrors the first three years of the MBiolSci in Biological Sciences, providing a strong base for further study or diverse career paths.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A-levels:** AAB - ABB, including at least two relevant science subjects (Biology, Chemistry, Maths, Physics, or Psychology). Two AS-levels may replace one A-level. General Studies is not accepted.
- **EPQ with A-levels:** ABB-BBB with EPQ grade B, including two relevant science subjects. General Studies is not accepted.
- **GCSE:** At least Grade 4/C in both English Language and Maths (if not held at A2/AS-level).
- **Access to HE Diploma:** Pass Science diploma with 45 credits at level three, 30 of which must be at distinction.
- **International Baccalaureate:** Pass Diploma with 30 points, including grade 6 and 5 in two relevant HL science subjects. Must have a minimum of grade 4 in SL Maths or 3 at HL, and grade 4 in

English A or 5 in English B if minimum grades are not held in English Language and Maths at GCSE.

- **BTEC Nationals:** Pass Applied Science Diploma with D*DD plus five GCSEs at B/5 or above, including two relevant sciences.
- **T Levels:** Distinction in Science (with an Occupational Specialism in Laboratory Technician).

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BSc: 24,500** per year
- **Year Abroad:** £6,125, which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675, which is 15% of the full-time tuition fee

ADDITIONAL COST:

- The third year option module Microbial Biotechnology includes a field trip. The cost of this field trip is included in your tuition fee.
- You will be travelling between the University and hospitals in Leicester. The cost of a Hospital Hopper bus card is included in your tuition fee.
- The third year option module Subtropical Physiology and Ecology includes an optional field trip. The cost of this field trip is £1,500 and is not included in your tuition fee.
- The third year option module Behavioural Ecology includes an optional field trip. The cost of this field trip is £450 and is not included in your tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.

2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB OPPORTUNITIES:

- Bioinformatician(data analyst/ statistician) – 4000+
- Clinical Trials – 3,765+
- Research Assistant – 3,570+
- Genome Analyst – 1,092+

KEY SKILL:

Expertise in genomic data analysis techniques, bioinformatics tools, and programming languages like Python or R. Genomic data analysis using programming languages like Python or R. experience in conducting literature reviews, data analysis, and collaboration within research teams.

MODULES:

YEAR 1

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology (double module)
- The Cell: An Introduction to Cell Biology and Microbiology (double module)
- From Individuals to Populations: An Introduction to Genetics

- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience (double module)
- Biodiversity and Behaviour

YEAR 2

Core module

- Research Topic

Option modules

Choose **three option modules** from:

- Genomes
- Physiology and Pharmacology
- Physiology of Excitable Cells
- Principles of Microbiology
- Molecular Cell Biology
- Global Change Biology and Conservation
- Medical Microbiology

Then **choose four option modules** from:

- Contemporary Techniques in Biological Data Analysis
- Exercise Physiology and Pharmacology
- Genes, Development and Inheritance
- Immunology and Eukaryotic Microbiology
- Immunology and Eukaryotic Microbiology (with science enterprise trip)
- Bioinformatics
- Behavioural Neurobiology
- Neurobiology and Animal Behaviour
- A Field Guide to Evolution
- From Genes to Proteins
- Protein Control in Cellular Regulation

FINAL YEAR

- Evolutionary Genetics
- Gene Expression: Molecular Basis and Medical Relevance
- Molecular and Cellular Immunology
- Human Genetics
- Molecular and Cellular Pharmacology
- Molecular and Cellular Neuroscience
- Comparative Neurobiology
- Microbial Biotechnology
- Structural Biology
- Subtropical Physiology and Ecology
- Sustainability Enterprise Partnership Project

Then **choose one pair of option modules** from:

- Experimental Research Project A plus Experimental Research Project B (double module)
- Education Research Project A plus Education Research Project B (double module)
- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)
- Analytical Research Project (double module) plus one additional option module from the list below
- Steered Research Project (double module) plus one additional option module from the list below

Finally **choose three option modules** from:

- Cancer Cell and Molecular Biology
- Microbial Pathogenesis and Genomics
- Human and Environmental Microbiomics
- Neuroscience Futures

- Genes and Development
- Physiology, Pharmacology and Behaviour
- Cellular Physiology of the Cardiovascular System
- Current and Future Therapeutics
- Conservation and Ecological Genetics
- Behavioural Ecology
- Sustainability Enterprise Partnership Project

ACCREDITATION

The final year module in 'Plant Identification Skills' leads to a professional qualification in plant identification validated by the **Botanical Society of the British Isles**.

CAREERS AND EMPLOYABILITY

- Our 'Careers After Biological Sciences' series of lectures features Leicester graduates giving insights into their career experiences and good advice for finding jobs.
- In the summer vacation between Years 2 and 3, a range of internal research placements are available in research labs, giving you the chance to develop your scientific skills.
- We run bespoke bioscience careers events in the summer term each year, based on what our students tell us about their career intentions.
- As a student in the School of Biological Sciences, you are welcome to attend seminars in any department, presented by national and international experts in the biosciences. This allows you to enhance your knowledge and get useful insights into current topics.

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury

- Allied Healthcare
- Kings College Hospital
- Lonza Biologics
- RBS

RELEATED COURSE:

- Biological Sciences
- Biological Sciences (Biochemistry)
- Biological Sciences (Genetics)
- Biological Sciences (Microbiology)
- Biological Sciences (Neuroscience)
- Biological Sciences (Physiology with Pharmacology)
- Biological Sciences (Zoology)

BSc (BIO- CHEMISTRY)BIOLOGICAL SCIENCE

LEICESTER ADVANTAGE:

The **Biochemistry course** focuses on understanding **molecular processes** in cells, including **DNA and protein synthesis** and **metabolic reactions**, to explain how living organisms function and how **errors cause diseases** like **cancer**. In the first year, students learn **fundamental cellular processes**. In the second and third years, they study how **molecular processes are controlled** and how **structural biology aids drug design**. The course develops **practical, analytical, and problem-solving skills**, along with transferable skills like **time management** and **teamwork**. This program is identical to the first three years of the **MBiolSci in Biological Sciences (Biochemistry)**. The **University of Leicester** offers a wide range of **Biological and Medical Science courses** with a common first year, allowing flexibility to switch degrees before the end of the first year.

Biological Sciences covers diverse organisms and molecular science, while **Medical Sciences** focus on applying biology to medicine.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A-levels:** AAB - ABB, including at least two relevant science subjects (Biology, Chemistry, Maths, Physics, or Psychology). Two AS-levels may replace one A-level. General Studies is not accepted.
- **EPQ with A-levels:** ABB-BBB with EPQ grade B, including two relevant science subjects. General Studies is not accepted.
- **GCSE:** At least Grade 4/C in both English Language and Maths (if not taken at A2/AS-level).
- **Access to HE Diploma:** Pass Science diploma with 45 credits at level three, 30 of which must be at distinction.
- **International Baccalaureate:** Pass Diploma with 30 points, including grades 6 and 5 in two relevant HL science subjects. Must have a minimum of grade 4 in SL Maths or 3 at HL, and grade 4 in English A or 5 in English B if grade 4/C is not held in English Language and Maths at GCSE.
- **BTEC Nationals:** Pass Applied Science Diploma with D*DD plus five GCSEs at B/5 or above, including two relevant sciences.
- **T Levels:** Distinction in Science (with an Occupational Specialism in Laboratory Technician).

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BSc:** 24,500 per year
- **Year Abroad:** £6,125, which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675, which is 15% of the full-time tuition fee

ADDITIONAL COST:

- The third year option module Microbial Biotechnology includes a field trip. The cost of this field trip is included in your tuition fee.
- You will be travelling between the University and hospitals in Leicester. The cost of a Hospital Hopper bus card is included in your tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Microbiologist-159
- Research Scientist (Genetics)-112
- Physiologist-220
- Ecologist-280
- Physiology-549

KEY SKILLS:

Microbiologist excels in **microbial identification** and **pathogen analysis**, utilizing advanced laboratory techniques for **research** and **diagnostics**.

Research Scientist (Genetics) demonstrates proficiency in **genetic manipulation** and **molecular biology** methods, focusing on **genome editing** and **gene expression** studies. Physiologist specializes in **human physiology**, with expertise in **physiological mechanisms** and **medical research**. Ecologist possesses strong **analytical skills** in **ecosystem dynamics** and **biodiversity conservation**. Physiology combines knowledge of **human physiology** with **clinical research experience**, emphasizing **disease mechanisms** and **therapeutic strategies**.

MODULES:

YEAR 1

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology (double module)
- The Cell: An Introduction to Cell Biology and Microbiology (double module)
- From Individuals to Populations: An Introduction to Genetics
- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience (double module)
- Biodiversity and Behaviour

YEAR 2

Core modules

- Molecular Cell Biology
- Research Topic
- From Genes to Proteins

Option modules

Choose **two option modules** from:

- Genomes

- Physiology and Pharmacology
- Physiology of Excitable Cells
- Principles of Microbiology
- Global Change Biology and Conservation
- Medical Microbiology

Then choose **three option modules** from (at least one must be from those marked *):

- Bioinformatics *
- Protein Control in Cellular Regulation*
- Contemporary Techniques in Biological Data Analysis
- Exercise Physiology and Pharmacology
- Genes, Development and Inheritance
- Immunology and Eukaryotic Microbiology
- Immunology and Eukaryotic Microbiology (with science enterprise trip)
- Behavioural Neurobiology
- Neurobiology and Animal Behaviour
- A Field Guide to Evolution

FINAL YEAR:

Core modules

- Structural Biology
- Cancer Cell and Molecular Biology
- Gene Expression: Molecular Basis and Medical Relevance

Option modules

Choose **one pair** of option modules from:

- Experimental Research Project A plus Experimental Research Project B (double module)

- Education Research Project A plus Education Research Project B (double module)
- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)
- Analytical Research Project (double module) plus one additional option module from the list below
- Steered Research Project (double module) plus one additional option module from the list below

Then choose **two option modules** from:

- Microbial Pathogenesis and Genomics
- Human and Environmental Microbiomics
- Neuroscience Futures
- Physiology, Pharmacology and Behaviour
- Cellular Physiology of the Cardiovascular System
- Conservation and Ecological Genetics
- Behavioural Ecology
- Sustainability Enterprise Partnership Project

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury
- Allied Healthcare
- Kings College Hospital
- Lonza Biologics
- RBS

BSc (GENETICS) BIOLOGICAL SCIENCE

LEICESTER ADVANTAGE:

The study of genetics encompasses diverse societal impacts, from human health and forensic science to food production, environmental quality, species conservation, ethics, and law. This course offers comprehensive exploration into genetic engineering, molecular and developmental genetics, human genetics, and evolutionary genetics, providing a deep understanding of gene organization, inheritance, expression, and evolution across organisms ranging from bacteria to Homo sapiens. Working alongside leading geneticists, students delve into fundamental questions in genetic research, gaining insights into life's mechanisms and evolution. They investigate processes in various organisms, decipher how errors can lead to diseases, and contribute to interdisciplinary biological sciences by unraveling gene functions. The curriculum emphasizes analytical skills, complex information management, and integration of genetic knowledge with broader biological sciences, preparing students to apply their expertise in diverse scientific settings and beyond. This program, akin to the MBiolSci in Biological Sciences (Genetics), offers a robust foundation for future scientific endeavors and societal contributions.

ENTRY REQUIREMENTS:

- Students must have achieved a minimum of 75% in their 12th standard.
- **A-levels:** AAB - ABB, including at least two relevant science subjects (Biology, Chemistry, Maths, Physics, or Psychology). Two AS-levels may replace one A-level. General Studies is not accepted.
- **EPQ with A-levels:** ABB-BBB with EPQ grade B, including two relevant science subjects. General Studies is not accepted.
- **GCSE:** At least Grade 4/C in both English Language and Maths (if not taken at A2/AS-level).
- **Access to HE Diploma:** Pass Science diploma with 45 credits at level three, 30 of which must be at distinction.
- **International Baccalaureate:** Pass Diploma with 30 points, including grades 6 and 5 in two relevant HL science subjects. Must

have a minimum of grade 4 in SL Maths or 3 at HL, and grade 4 in English A or 5 in English B if grade 4/C is not held in English Language and Maths at GCSE.

- **BTEC Nationals:** Pass Applied Science Diploma with D*DD plus five GCSEs at B/5 or above, including two relevant sciences.
- **T Levels:** Distinction in Science (with an Occupational Specialism in Laboratory Technician).

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BSc: 24,500** per year
- **Year Abroad:** £6,125, which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675, which is 15% of the full-time tuition fee

ADDITIONAL COST:

- The third year option module Microbial Biotechnology includes a field trip. The cost of this field trip is included in your tuition fee.
- You will be travelling between the University and hospitals in Leicester. The cost of a Hospital Hopper bus card is included in your tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Clinical diagnostics- 2,995
- Pharmaceuticals-2,269
- Environmental management.-13,217
- Neuroscience-458
- Public health-983

KEY SKILLS:

Clinical diagnostics involves **precision** in laboratory techniques and **disease identification**, crucial for **patient care** and **treatment plans**. Pharmaceuticals requires expertise in **drug development**, **regulatory compliance**, and **clinical trials**. Environmental management demands proficiency in **sustainability practices** and **regulatory frameworks**. Neuroscience focuses on understanding **brain function** and **neurological disorders**. Public health emphasizes **epidemiology**, **health policy**, and **community health management**.

MODULES:

YEAR 1

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology
- The Cell: An Introduction to Cell Biology and Microbiology
- From Individuals to Populations: An Introduction to Genetics

- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience
- Biodiversity and Behaviour

YEAR 2

Core modules

- Genomes
- Research Topic
- Bioinformatics

Option modules

Overall, you must choose at least one module from those marked *
Choose **two option modules** from:

- Molecular Cell Biology*
- Physiology and Pharmacology
- Physiology of Excitable Cells
- Principles of Microbiology
- Global Change Biology and Conservation
- Medical Microbiology

Then choose **three option module** from:

- Genes, Development and Inheritance*
- Contemporary Techniques in Biological Data Analysis
- Exercise Physiology and Pharmacology
- Immunology and Eukaryotic Microbiology
- Immunology and Eukaryotic Microbiology (with science enterprise trip)
- Behavioural Neurobiology
- Neurobiology and Animal Behaviour
- A Field Guide to Evolution

- From Genes to Proteins
- Protein Control in Cellular Regulation

FINAL YEAR

Core modules

- Evolutionary Genetics
- Human Genetics

Option modules

Choose **three option modules** from:

- Microbial Pathogenesis and Genomics
- Conservation and Ecological Genetics
- Cancer Cell and Molecular Biology
- Human and Environmental Microbiomics
- Neuroscience Futures
- Physiology, Pharmacology and Behaviour
- Cellular Physiology of the Cardiovascular System
- Behavioural Ecology
- Sustainability Enterprise Partnership Project

Then choose **one pair** of option modules from:

- Analytical Research Project (double module) plus one additional option module from the list above
- Steered Research Project (double module) plus one additional option module from the list above
- Experimental Research Project A plus Experimental Research Project B (double module)
- Education Research Project A plus Education Research Project B (double module)

- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury
- Allied Healthcare
- Kings College Hospital
- Lonza Biologics
- RBS

RELATED COURSE:

- Biological Sciences
- Biological Sciences (Biochemistry)
- Biological Sciences (Genetics)
- Biological Sciences (Microbiology)
- Biological Sciences (Neuroscience)
- Biological Sciences (Physiology with Pharmacology)
- Biological Sciences (Zoology)

BSc (MICROBIOLOGY) BIOLOGICAL SCIENCE

LEICESTER ADVANTAGE:

Microorganisms, including viruses, bacteria, fungi, and protozoa, play integral roles in Earth's ecosystems by purifying wastewater, aiding in pollution cleanup, and contributing to food and drink production. Despite their beneficial roles, some microbes pose significant health risks by causing diseases. Microbiology, as a field, explores these organisms' biology, their impacts on health and disease, and the immune responses they provoke in mammals. The study of microbiology is undergoing a revolution with advanced molecular tools and computer informatics, enabling deeper insights into life's secrets. This course provides a comprehensive understanding of microscopic organisms' biology and their complex interactions with human and environmental health. Offered as the first three years of the MBiolSci in Biological Sciences (Microbiology) at the University of Leicester, it prepares students with foundational knowledge adaptable to diverse scientific careers, including opportunities to specialize further in biological or medical biosciences after the first year.

ENTRY REQUIREMENT:

- **A-levels:** AAB - ABB, including at least two relevant science subjects from Biology, Chemistry, Maths, Physics or Psychology. We may consider two AS-levels in place of one A-level. General Studies not accepted
- **EPQ with A-levels:** ABB-BBB + EPQ grade B. A-level subjects to include two relevant science subjects from Biology, Chemistry, Maths, Physics or Psychology. General Studies not accepted.
- **GCSE:** At least Grade 4/C in both English Language and Maths (if not held at A2/AS-level).
- **Access to HE Diploma:** Pass Science diploma with 45 credits at level three, 30 of which must be at distinction
- **International Baccalaureate:** Pass Diploma with 30 points to include grade 6 and 5 in at least two relevant HL science subjects from Biology, Chemistry, Maths, Physics or Psychology. Must

include a minimum of grade 4 in SL Maths or 3 at HL and grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language and Maths at GCSE.

- **BTEC Nationals:** Pass Applied Science Diploma with D*DD plus five GCSEs at B/5 or above including two relevant sciences
- **T Levels:** Distinction in Science (with an Occupational Specialism in Laboratory technician)

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BSc: 24,500** per year
- **Year Abroad:** £6,125, which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675, which is 15% of the full-time tuition fee

ADDITIONAL COST:

- The third year option module Microbial Biotechnology includes a field trip. The cost of this field trip is included in your tuition fee.
- You will be travelling between the University and hospitals in Leicester. The cost of a Hospital Hopper bus card is included in your tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Biomedical Scientist-233
- Pharmaceutical Research Scientist-128
- Infection Control Specialist-980
- Medical Laboratory Scientist- 287
- Microbiologist-159
- Research Associate-529

KEY SKILLS:

Biomedical Scientists excel in **lab techniques, data analysis,** and **diagnostics.** **Pharmaceutical Research Scientists** focus on **drug development** and **regulatory compliance.** **Infection Control Specialists** are experts in **epidemiology** and **public health.** **Medical Laboratory Scientists** ensure **quality control.** **Microbiologists** specialize in **microbial identification.** **Research Associates** are skilled in **experimental design** and **data analysis.**

MODULES:

YEAR 1

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology (double module)
- The Cell: An Introduction to Cell Biology and Microbiology (double module)
- From Individuals to Populations: An Introduction to Genetics

- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience (double module)
- Biodiversity and Behaviour

YEAR 2

Core modules

- Principles of Microbiology
- Research Topic
- Medical Microbiology
- Immunology and Eukaryotic Microbiology *OR* Immunology and Eukaryotic Microbiology (with science enterprise trip)

Option modules

Choose **one option module** from:

- Genomes
- Physiology and Pharmacology
- Physiology of Excitable Cells
- Molecular Cell Biology
- Global Change Biology and Conservation

Then choose **three option modules** from:

- Contemporary Techniques in Biological Data Analysis
- Exercise Physiology and Pharmacology
- Genes, Development and Inheritance
- Bioinformatics
- Behavioural Neurobiology
- Neurobiology and Animal Behaviour
- A Field Guide to Evolution
- From Genes to Proteins
- Protein Control in Cellular Regulation

Modules shown represent choices available to current students. The range of modules available and the content of any individual module may change in future years.

FINAL YEAR:

Option modules

Overall, you must choose at least two modules from those marked *.

Choose **two option modules** from:

- Molecular and Cellular Immunology*
- Microbial Biotechnology
- Evolutionary Genetics
- Gene Expression: Molecular Basis and Medical Relevance
- Human Genetics
- Molecular and Cellular Pharmacology
- Molecular and Cellular Neuroscience
- Comparative Neurobiology
- Subtropical Physiology and Ecology
- Sustainable Enterprise Partnership Project

Then choose **one pair** of option modules from:

- Experimental Research Project A plus Experimental Research Project B (double module)
- Education Research Project A plus Education Research Project B (double module)
- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)
- Analytical Research Project (double module) plus one additional option module from the list below
- Steered Research Project (double module) plus one additional option module from the list below

Finally, choose **two option modules** from:

- Microbial Pathogenesis and Genomics*
- Human and Environmental Microbiomics*
- Cancer Cell and Molecular Biology
- Neuroscience Futures
- Physiology, Pharmacology and Behaviour
- Cellular Physiology of the Cardiovascular System
- Conservation and Ecological Genetics
- Behavioural Ecology
- Sustainable Enterprise Partnership Project

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury
- Allied Healthcare
- Kings College Hospital
- Lonza Biologics
- RBS

RELATED COURSE:

- Biological Sciences
- Biological Sciences (Biochemistry)
- Biological Sciences (Genetics)
- Biological Sciences (Microbiology)
- Biological Sciences (Neuroscience)
- Biological Sciences (Physiology with Pharmacology)
- Biological Sciences (Zoology)

BSc (NEUROSCIENCE) BIOLOGICAL SCIENCE

LEICESTER ADVANTAGE:

Neuroscience, the study of the nervous system, is a multidisciplinary science that requires understanding ions, molecules, cells, and systems essential for functions such as learning, memory, sensation, motor control, and behavior. This knowledge helps in understanding how interventions can target diseases or enhance performance. The field still has many unanswered questions, offering opportunities to learn from and work with leading neuroscientists. The course is modular, providing flexibility to focus on areas of personal interest. Throughout the program, students gain subject-specific knowledge and important transferable skills, making them attractive to future employers. This course is equivalent to the first three years of the MBIolSci in Biological Sciences (Neuroscience), preparing students for advanced studies or careers in neuroscience research, clinical applications, and related fields.

ENRTY REQUIRMENT:

- A-levels: AAB-ABB, including two relevant science subjects (Biology, Chemistry, Maths, Physics, or Psychology). Two AS-levels may replace one A-level. General Studies not accepted.
- EPQ with A-levels: ABB-ABB plus EPQ grade B, including two relevant science subjects. General Studies not accepted.
- GCSE: Grade 4/C or above in English Language and Maths (if not held at A2/AS-level).
- Access to HE Diploma: Pass Science diploma with 45 level-three credits, 30 at distinction.
- International Baccalaureate: 30 points, with grades 6 and 5 in two HL science subjects, and minimum grades in Maths and English if not met at GCSE.
- BTEC Nationals: Pass Applied Science Diploma with D*DD plus five GCSEs at B/5 or above, including two sciences.

- T Levels: Distinction in Science (Laboratory Technician).

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BSc 22,600** per year
- **Year Abroad:** £5,650, which is 25% of the full-time tuition fee
- **Year in Industry:** £3,390, which is 15% of the full-time tuition fee

ADDITIONAL COST

- You will be travelling between the University and hospitals in Leicester. The cost of a Hospital Hopper bus card is **included** in your tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Research Scientist-1,004
- Research Assistant-679
- Clinical Pharmacist-1,880
- Cell Culture Specialist-100
- Infection Control Specialist-978

KEY SKILLS:

Research Scientists excel in experimental design, data analysis, and scientific writing, showcasing strong analytical and problem-solving skills. Research Assistants possess proficiency in laboratory techniques, data collection, and project management, emphasizing attention to detail and teamwork. Clinical Pharmacists specialize in medication therapy, patient counseling, and pharmacology, integrating clinical research and patient care. Cell Culture Specialists demonstrate expertise in cell culture techniques, aseptic methods, and laboratory maintenance, focusing on precision and detail. Infection Control Specialists leverage skills in epidemiology, infection prevention, and public health policies, with strong analytical and communication abilities.

MODULES:

YEAR 1

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology (double module)
- The Cell: An Introduction to Cell Biology and Microbiology (double module)
- From Individuals to Populations: An Introduction to Genetics
- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience (double module)
- Biodiversity and Behaviour

YEAR 2

Core modules

- Physiology of Excitable Cells
- Research Topic
- Behavioural Neurobiology

Option modules

Overall, from the two lists of option modules below, you must choose at least one module from those marked *.

Choose **two option modules** from:

- Physiology and Pharmacology *
- Genomes
- Principles of Microbiology
- Molecular Cell Biology
- Global Change Biology and Conservation
- Medical Microbiology

Then choose **three option modules** from:

- Bioinformatics *
- Contemporary Techniques in Biological Data Analysis
- Genes, Development and Inheritance
- Immunology and Eukaryotic Microbiology
- Immunology and Eukaryotic Microbiology (with science enterprise trip)
- A Field Guide to Evolution
- From Genes to Proteins
- Protein Control in Cellular Regulation

FINAL YEAR

Core modules

- Molecular and Cellular Neuroscience
- Neuroscience Futures

Option modules

Choose **one pair** of option modules from:

- Experimental Research Project A plus Experimental Research Project B (double module)
- Education Research Project A plus Education Research Project B (double module)
- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)
- Analytical Research Project (double module) plus one additional option module from the list below
- Steered Research Project (double module) plus one additional option module from the list below

Then choose **two option modules** from:

- Molecular and Cellular Pharmacology*
- Comparative Neurobiology*
- Physiology, Pharmacology and Behaviour*
- Cancer Cell and Molecular Biology
- Microbial Pathogenesis and Genomics
- Human and Environmental Microbiomics
- Conservation and Ecological Genetics
- Behavioural Ecology
- Current and Future Therapeutics
- Sustainability Enterprise Partnership Project

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury
- Allied Healthcare
- Kings College Hospital

- Lonza Biologics
- RBS

RELATED COURSE:

- Biological Sciences
- Biological Sciences (Biochemistry)
- Biological Sciences (Genetics)
- Biological Sciences (Microbiology)
- Biological Sciences (Neuroscience)
- Biological Sciences (Physiology with Pharmacology)
- Biological Sciences (Zoology)

BSc (PHYSIOLOGY AND PHARMACOLOGY) BIOLOGY SCIENCE

LEICESTER ADVANTAGE:

The study of Physiology delves into the functions and mechanisms within living systems, ranging from the ionic level to the entire organism. This course provides a comprehensive understanding of how these systems operate optimally and adapt to changes, which is crucial for maintaining health and treating diseases. It covers the integration of whole systems and how subtle changes can lead to diseases, informing future advancements in treatment. Additionally, the course includes Pharmacology, focusing on how internal and external molecules interact with molecular targets, which is essential for understanding therapeutic drug use and abuse in various contexts. Delivered through flexible modules, the program allows for

specialisation according to individual interests. Alongside subject-specific knowledge, students will acquire transferable skills valuable to employers. This course mirrors the first three years of the MBiolSci in Biological Sciences (Physiology with Pharmacology), ensuring a solid foundation in both physiology and pharmacology.

ENTRY REQUIREMENT:

- **A-levels:** AAB - ABB, including at least two relevant science subjects from Biology, Chemistry, Maths, Physics, or Psychology. Two AS-levels may be considered in place of one A-level. General Studies is not accepted.
- **EPQ with A-levels:** ABB-BBB + EPQ grade B, including two relevant science subjects. General Studies is not accepted.
- **GCSE:** At least Grade 4/C in both English Language and Maths (if not held at A2/AS-level).
- **Access to HE Diploma:** Pass a Science diploma with 45 credits at level three, including 30 credits at distinction.
- **International Baccalaureate:** Pass the Diploma with 30 points, including grades 6 and 5 in two relevant higher-level science subjects. Must have at least grade 4 in standard level Maths or 3 at higher level, and grade 4 in English A or 5 in English B if minimum grades are not held at GCSE.
- **BTEC Nationals:** Pass Applied Science Diploma with D*DD plus five GCSEs at B/5 or above, including two relevant sciences.
- **T Levels:** Distinction in Science (with an Occupational Specialism in Laboratory Technician).

TUITION FEE:

Tuition Fee for **September 2025** intake

- **BSc:** 24,500 per year
- **Year Abroad:** £6,125, which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675, which is 15% of the full-time tuition fee

ADDITIONAL COST:

- The third year option module Microbial Biotechnology includes a field trip. The cost of this field trip is **included** in your tuition fee.
- You will be travelling between the University and hospitals in Leicester. The cost of a Hospital Hopper bus card is **included** in your tuition fee.
- The third year option module Behavioural Ecology includes an optional field trip. The cost of this field trip is £450 and is **not included** in your tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Rehabilitation Specialist- 3,338
- Clinical Genomics Scientist-100
- Microbiologist-163

- Lab Technician-660
- Climate Change Analyst-140

KEY SKILLS

Key skills include analytical skills, genomic data analysis, microbial and molecular techniques, environmental monitoring, data analysis, conservation strategies, clinical diagnostics, pathogen identification, cell culture, and genetic manipulation.

MODULES:

YEAR 1

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology
- The Cell: An Introduction to Cell Biology and Microbiology
- From Individuals to Populations: An Introduction to Genetics
- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience
- Biodiversity and Behaviour

YEAR 2

Core modules

- Physiology and Pharmacology
- Research Topic
- Exercise Physiology and Pharmacology

Option modules

Overall, from the two blocks of option modules below, you must choose at least one of those modules marked *.

Choose two option modules from:

- Physiology of Excitable Cells*
- Genomes
- Principles of Microbiology
- Molecular Cell Biology
- Global Change Biology and Conservation
- Medical Microbiology

Then choose three option modules from:

- Protein Control in Cellular Regulation*
- Contemporary Techniques in Biological Data Analysis
- Genes, Development and Inheritance
- Immunology and Eukaryotic Microbiology
- Immunology and Eukaryotic Microbiology (with science enterprise trip)
- Bioinformatics
- Neurobiology and Animal Behaviour
- A Field Guide to Evolution
- From Genes to Proteins

FINAL YEAR:

Core modules

- Molecular and Cellular Pharmacology
- Cellular Physiology of the Cardiovascular System

Option modules

Overall, from the two lists of option modules below, you must choose at least two modules from those marked *.

Choose one option module from:

- Molecular and Cellular Neuroscience*
- Comparative Neurobiology
- Subtropical Physiology and Ecology
- Evolutionary Genetics
- Gene Expression: Molecular Basis and Medical Relevance
- Molecular and Cellular Immunology
- Human Genetics
- Microbial Biotechnology
- Structural Biology
- Subtropical Physiology and Ecology
- Sustainability Enterprise Partnership Project

Then choose one pair of option modules from:

- Experimental Research Project A plus Experimental Research Project B (double module)
- Education Research Project A plus Education Research Project B (double module)
- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)
- Analytical Research Project (double module) plus one additional option module from the list below
- Steered Research Project (double module) plus one additional option module from the list below

Finally, choose two option modules from:

- Physiology, Pharmacology and Behaviour*
- Current and Future Therapeutics*
- Cancer Cell and Molecular Biology
- Microbial Pathogenesis and Genomics
- Human and Environmental Microbiomics
- Conservation and Ecological Genetics

- Behavioural Ecology
- Sustainability Enterprise Partnership Project

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury
- Allied Healthcare
- Kings College Hospital
- Lonza Biologics
- RBS

RELATED COURSE:

- Biological Sciences
- Biological Sciences (Biochemistry)
- Biological Sciences (Genetics)
- Biological Sciences (Microbiology)
- Biological Sciences (Neuroscience)
- Biological Sciences (Physiology with Pharmacology)
- Biological Sciences (Zoology)

BSc(ZOOLOGY) BIOLOGICAL SCIENCE

LEICESTER ADVANTAGE:

On the Biological Sciences (Zoology) degree you will explore theoretical and practical aspects of animal biology and biodiversity including animal behaviour, development, ecology, evolution and animal physiology. You

will gain a comprehensive, up-to-date understanding of the approaches and practical experience of the techniques that zoologists use to tackle some of the most important questions in neurobiology, behaviour, ecology and evolution. Your lab work and lectures will be supported by fieldwork, including overseas field courses.

WHAT IS DIFFERENCE?

At the University of Leicester, we offer seven Biological Science and four Medical Bioscience subjects as BSc (three years) and most as MBiolSci (four years), with a Foundation Year option. Biological Science covers major aspects of biology and molecular science across a range of organisms. Medical Science focuses on applying biological principles to medicine. All courses share a common first year, allowing you to change degrees before the end of Year 1. You can switch between Biological Science and Medical Bioscience during the first half of the first year, but the fields diverge after that.

ENTRY REQUIREMENT:

- **A-levels:** AAB - ABB, including at least two relevant science subjects from Biology, Chemistry, Maths, Physics or Psychology. We may consider two AS-levels in place of one A-level. General Studies not accepted
- **EPQ with A-levels:** ABB-BBB + EPQ grade B. A-level subjects to include two relevant science subjects from Biology, Chemistry, Maths, Physics or Psychology. General Studies not accepted.
- **GCSE:** At least Grade 4/C in both English Language and Maths (if not held at A2/AS-level).
- **Access to HE Diploma:** Pass Science diploma with 45 credits at level three, 30 of which must be at distinction
- **International Baccalaureate:** Pass Diploma with 30 points to include grade 6 and 5 in at least two relevant HL science subjects from Biology, Chemistry, Maths, Physics or Psychology. Must

include a minimum of grade 4 in SL Maths or 3 at HL and grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language and Maths at GCSE.

- **BTEC Nationals:** Pass Applied Science Diploma with D*DD plus five GCSEs at B/5 or above including two relevant sciences
- **T Levels:** Distinction in Science (with an Occupational Specialism in Laboratory technician)

TUTION FEE:

Starting in September 2025

- **BSc: 24,500** per year
- **Year Abroad:** £6,125, which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675, which is 15% of the full-time tuition fee

ADDITIONAL COSTS:

- The third year option module Microbial Biotechnology includes a field trip. The cost of this field trip is **included** in your tuition fee.
- You will be travelling between the University and hospitals in Leicester. The cost of a Hospital Hopper bus card is **included** in your tuition fee.
- The third year option module Suptropical Physiology and Ecology includes an optional field trip. The cost of this field trip is £1,500 and is **not included** in your tuition fee.
- The third year option module Behavioural Ecology includes an optional field trip. The cost of this field trip is £450 and is **not included** in your tuition fee.

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

Research Scientist in Molecular Biology-158

Biomedical Scientist-238

Electrophysiologist-150

KEY SKILLS:

Key skills include molecular techniques, data analysis, lab skills, critical thinking, clinical diagnostics, attention to detail, communication, electrophysiological techniques, and understanding of neurophysiology, medical microbiology, and biochemistry.

MODULES:

YEAR 1

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology (double module)
- The Cell: An Introduction to Cell Biology and Microbiology (double module)

- From Individuals to Populations: An Introduction to Genetics
- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience (double module)
- Biodiversity and Behaviour

YEAR 2

Core modules

- Research Topic
- Global Change Biology and Conservation
- Neurobiology and Animal Behaviour

Option modules

Overall, you must choose at least 3 modules marked *.

Choose **two option modules** from:

- Genomes*
- Physiology of Excitable Cells*
- Physiology and Pharmacology
- Principles of Microbiology
- Molecular Cell Biology
- Medical Microbiology

Then choose **three option module** from:

- A Field Guide to Evolution*
- Genes, Development and Inheritance*
- Contemporary Techniques in Biological Data Analysis
- Exercise Physiology and Pharmacology
- Immunology and Eukaryotic Microbiology
- Immunology and Eukaryotic Microbiology (with science enterprise trip)
- Bioinformatics
- From Genes to Proteins

- Protein Control in Cellular Regulation

FINAL YEAR:

Option modules

Overall, you must choose at least 3 modules marked *.

Choose **two option modules** from:

- Comparative Neurobiology*
- Subtropical Physiology and Ecology*
- Evolutionary Genetics
- Gene Expression: Molecular Basis and Medical Relevance
- Molecular and Cellular Immunology
- Human Genetics
- Molecular and Cellular Pharmacology
- Molecular and Cellular Neuroscience
- Microbial Biotechnology
- Structural Biology
- Subtropical Physiology and Ecology
- Sustainability Enterprise Partnership Project

Then choose **one pair** of option modules from:

- Experimental Research Project A plus Experimental Research Project B (double module)
- Education Research Project A plus Education Research Project B (double module)
- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)
- Analytical Research Project (double module) plus one additional option module from the list below
- Steered Research Project (double module) plus one additional option module from the list below

Then choose **three option modules** from:

- Conservation and Ecological Genetics*
- Behavioural Ecology*
- Cancer Cell and Molecular Biology
- Microbial Pathogenesis and Genomics
- Human and Environmental Microbiomics
- Neuroscience Futures
- Genes and Development
- Physiology, Pharmacology and Behaviour
- Cellular Physiology of the Cardiovascular System
- Sustainability Enterprise Partnership Project

ACCREDITATION:

The final year module in 'Plant Identification Skills' leads to a professional qualification in plant identification validated by the **Botanical Society of the British Isles**.

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury
- Allied Healthcare
- Kings College Hospital
- Lonza Biologics
- RBS

RELATED COURSE:

- Biological Sciences
- Biological Sciences (Biochemistry)
- Biological Sciences (Genetics)
- Biological Sciences (Microbiology)

- Biological Sciences (Neuroscience)
- Biological Sciences (Physiology with Pharmacology)
- Biological Sciences (Zoology)

BSc MEDICAL BIOCHEMISTRY

LEICESTER ADVANTAGE:

This course offers a comprehensive foundation in modern biochemistry, emphasizing its relevance to medicine and health issues. You will delve into the fundamental biochemical processes of cells, understand their control mechanisms, and learn how these processes malfunction in diseases. By studying molecular defects in specific diseases, you will explore how scientists and clinicians collaborate to design targeted drugs. The course highlights emerging technologies, such as gene editing, and addresses the ethical dilemmas associated with these advancements. Additionally, you will develop valuable skills, including practical, analytical, and problem-solving abilities, as well as experience in handling complex information. Transferable skills such as time management, meeting deadlines, oral presentations, and teamwork are also emphasized. The curriculum allows flexibility to study modules in other biological sciences specialisms, enabling you to apply knowledge across traditional discipline boundaries. This program is identical to the first three years of the MBiolSci in Medical Biosciences (Biochemistry), preparing you to be a valuable asset in scientific and other professional fields.

What's the difference?

At the University of Leicester, we offer seven Biological Science subjects and four Medical Bioscience subjects, all as BSc (three years) and most as MBiolSci (four years), plus a Foundation Year option, giving you an impressive range of different courses to choose from.

- **Biological Science** covers major aspects of biology and molecular science across a wide range of organisms from bacteria and fungi to humans and plants. All 14 courses share a common first year so you can change to a different degree before the end of Year 1.
- **Medical Science** allows you to select specialist modules that focus more closely on the application of biological principles to medicine. All eight courses share a common first year so you can change to a different degree before the end of Year 1.

It is possible to switch between a Biological Science course and a Medical Bioscience course during the first half of your first year, but after that the two fields diverge.

ENTRY REQUIREMENT:

- **A-levels:** AAB - ABB, including at least two relevant science subjects from Biology, Chemistry, Maths, Physics or Psychology. We may consider two AS-levels in place of one A-level. General Studies not accepted
- **EPQ with A-levels:** ABB-BBB + EPQ grade B. A-level subjects to include two relevant science subjects from Biology, Chemistry, Maths, Physics or Psychology. General Studies not accepted.
- **GCSE:** At least Grade 4/C in both English Language and Maths (if not held at A2/AS-level).
- **Access to HE Diploma:** Pass Science diploma with 45 credits at level three, 30 of which must be at distinction
- **International Baccalaureate:** Pass Diploma with 30 points to include grade 6 and 5 in at least two relevant HL science subjects from Biology, Chemistry, Maths, Physics or Psychology. Must include a minimum of grade 4 in SL Maths or 3 at HL and grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language and Maths at GCSE.
- **BTEC Nationals:** Pass Applied Science Diploma with D*DD plus five GCSEs at B/5 or above including two relevant sciences

- **T Levels:** Distinction in Science (with an Occupational Specialism in Laboratory technician)

TUITION FEES:

September 2025

- **BSc :24,500** per year
- **Year Abroad:** £6,125 which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675 which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Rehabilitation Specialist- 3,338
- Clinical Genomics Scientist-100
- Microbiologist-163

KEY SKILLS

Key skills include analytical skills, genomic data analysis, microbial and molecular techniques, environmental monitoring, data analysis, conservation strategies, clinical diagnostics, pathogen identification, cell culture, and genetic manipulation.

MODULES:

YEAR 1

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology (double module)
- The Cell: An Introduction to Cell Biology and Microbiology (double module)
- From Individuals to Populations: An Introduction to Genetics
- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience (double module)
- Medical Bioscience

YEAR 2:

Core modules

- Biochemical Approaches to Therapeutic Development
- Research Topic
- From Genes to Proteins

Option modules

Overall, you must choose at least two of those modules marked *.

Choose **two option modules** from:

- Molecular Cell Biology*

- Genomes
- Physiology and Pharmacology
- Physiology of Excitable Cells
- Principles of Microbiology
- Medical Microbiology

Then choose **three option modules** from:

- Protein Control in Cellular Regulation*
- Bioinformatics *
- Contemporary Techniques in Biological Data Analysis
- Exercise Physiology and Pharmacology
- Genes, Development and Inheritance
- Immunology and Eukaryotic Microbiology
- Immunology and Eukaryotic Microbiology (with science enterprise trip)
- Behavioural Neurobiology
- Neurobiology and Animal Behaviour

FINAL YEAR

Core modules

- Gene Expression: Molecular Basis and Medical Relevance
- Biochemical Mechanisms of Human Disease

Option modules

Overall, you must choose at least two modules from those marked*.

Choose **one option module** from:

- Structural Biology*
- Evolutionary Genetics
- Molecular and Cellular Immunology
- Human Genetics
- Molecular and Cellular Pharmacology

- Molecular and Cellular Neuroscience
- Comparative Neurobiology
- Microbial Biotechnology
- Sustainability Enterprise Partnership Project

Then choose **one pair** of option modules from:

- Experimental Research Project A plus Experimental Research Project B (double module)
- Education Research Project A plus Education Research Project B (double module)
- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)
- Analytical Research Project (double module) plus one additional option module from the list below
- Steered Research Project (double module) plus one additional option module from the list below

Then choose **two option modules** from:

- Cancer Cell and Molecular Biology*
- Microbial Pathogenesis and Genomics
- Human and Environmental Microbiomics
- Neuroscience Futures
- Physiology, Pharmacology and Behaviour
- Cellular Physiology of the Cardiovascular System
- Sustainability Enterprise Partnership Project

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury
- Allied Healthcare
- Kings College Hospital

- Lonza Biologics
- RBS

CAREER AND EMPLOYABILITY:

Our "Careers After Biological Sciences" lecture series features Leicester graduates sharing their career experiences and job-hunting advice.

During the summer vacation between Years 2 and 3, you can take part in internal research placements in labs to develop your scientific skills.

We also organize custom bioscience careers events every summer term, based on student feedback about career goals.

As a Biological Sciences student, you can attend seminars in any department, presented by national and international bioscience experts. This helps you broaden your knowledge and gain insights into current topics.

BSc MEDICAL GENETICS

LEICESTER ADVANTAGE:

This three-year BSc in Medical Genetics covers essential topics like proteins, gene expression, molecular cell biology, metabolism, molecular medicine, and biomedical ethics. The program offers comprehensive education and training in genetics, focusing on its medical applications. You will be part of the Department of Genetics, one of the largest and most renowned in the country, known for its international reputation in human and medical genetics research. This affiliation provides exposure to cutting-edge research and expertise in various genetic fields. The course content is identical to the first three years of the MBiolSci in Medical Biosciences (Genetics), ensuring a solid foundation in genetics with an emphasis on medical applications. This degree equips you with the knowledge and skills necessary for a career in genetics and medicine.

ENTRY REQUIRMENT:

- **A-levels:** AAB - ABB, including at least two relevant science subjects from Biology, Chemistry, Maths, Physics or Psychology. We may consider two AS-levels in place of one A-level. General Studies not accepted
- **EPQ with A-levels:** ABB-BBB + EPQ grade B. A-level subjects to include two relevant science subjects from Biology, Chemistry, Maths, Physics or Psychology. General Studies not accepted.
- **GCSE:** At least Grade 4/C in both English Language and Maths (if not held at A2/AS-level).
- **Access to HE Diploma:** Pass Science diploma with 45 credits at level three, 30 of which must be at distinction
- **International Baccalaureate:** Pass Diploma with 30 points to include grade 6 and 5 in at least two relevant HL science subjects from Biology, Chemistry, Maths, Physics or Psychology. Must include a minimum of grade 4 in SL Maths or 3 at HL and grade 4 in English A or 5 in English B if minimum of grade 4/C not held in English Language and Maths at GCSE.
- **BTEC Nationals:** Pass Applied Science Diploma with D*DD plus five GCSEs at B/5 or above including two relevant sciences
- **T Levels:** Distinction in Science (with an Occupational Specialism in Laboratory technician)

TUITION FEE:

September 2025

- **BSc: 24,500** per year
- **Year Abroad:** £6,125 which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675 which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Clinical diagnostics- 2,995
- Pharmaceuticals-2,269
- Environmental management.-13,217
- Neuroscience-458
- Public health-983

KEY SKILLS:

Clinical diagnostics involves **precision** in laboratory techniques and **disease identification**, crucial for **patient care** and **treatment plans**. Pharmaceuticals requires expertise in **drug development**, **regulatory compliance**, and **clinical trials**. Environmental management demands proficiency in **sustainability practices** and **regulatory frameworks**. Neuroscience focuses on understanding **brain function** and **neurological disorders**. Public health emphasizes **epidemiology**, **health policy**, and **community health management**.

MODULES:

YEAR 1:

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology (double module)
- The Cell: An Introduction to Cell Biology and Microbiology (double module)
- From Individuals to Populations: An Introduction to Genetics
- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience (double module)
- Medical Bioscience

YEAR 2:

Core modules

- Current Issues in Medical Genetics
- Research Topic

Option modules

Overall, you must choose at least two modules from those marked*.
Choose **two option modules** from:

- Genomes*
- Physiology and Pharmacology
- Physiology of Excitable Cells
- Principles of Microbiology
- Evolutionary and Developmental Biology
- Molecular Cell Biology
- Medical Microbiology

Then choose **four option modules** from:

- Genes, Development and Inheritance*
- Bioinformatics *
- Contemporary Techniques in Biological Data Analysis

- Exercise Physiology and Pharmacology
- Immunology and Eukaryotic Microbiology
- Immunology and Eukaryotic Microbiology (with science enterprise trip)
- Behavioural Neurobiology
- Neurobiology and Animal Behaviour
- From Genes to Proteins
- Protein Control in Cellular Regulation

FINAL YEAR

Core modules

- Human Genetics
- Medical Genetics
- Microbial Pathogenesis and Genomics
- Evolutionary Genetics

Option modules

Choose **one option module** from:

- Gene Expression: Molecular Basis and Medical Relevance
- Molecular and Cellular Immunology
- Molecular and Cellular Pharmacology
- Molecular and Cellular Neuroscience
- Comparative Neurobiology
- Microbial Biotechnology
- Structural Biology

Then choose **one pair** of option modules from:

- Experimental Research Project A plus Experimental Research Project B (double module)

- Education Research Project A plus Education Research Project B (double module)
- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)
- Analytical Research Project (double module) plus one additional option module from the list below
- Steered Research Project (double module) plus one additional option module from the list below

Finally, choose **two option modules** from:

- Cancer Cell and Molecular Biology
- Human and Environmental Microbiomics
- Neuroscience Futures
- Physiology, Pharmacology and Behaviour
- Cellular Physiology of the Cardiovascular System
- Current and Future Therapeutics

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury
- Allied Healthcare
- Kings College Hospital
- Lonza Biologics
- RBS

BSc CLINICAL SCIENCES

LEICESTER ADVANTAGE:

The BSc in Clinical Sciences at Leicester combines medical sciences with essential laboratory and research skills, benefiting from Leicester's global reputation in Medicine and Biological Sciences. The first two years align

closely with the Medicine curriculum, covering anatomy, physiology, pathology, and biochemistry with a clinical focus. Students learn from leading researchers in genetics, cancer, heart disease, and diabetes, and benefit from over 40 years of medical education expertise. In the third year, students undertake an analytical research project and receive training in precision medicine through specialized modules. Teaching occurs in the state-of-the-art George Davies Centre and the School of Biological Sciences' advanced laboratories, including full-body dissection facilities. There is an opportunity to apply to transfer to the MBChB Medical Degree at the end of year 1, subject to availability and competitive entry. Additionally, the course is part of a Joint Educational Partnership with Chongqing Medical University.

ENTRY REQUIREMENT:

- A-levels: AAB, including Biology/Human Biology or Chemistry, plus one other science from Biology/Human Biology, Chemistry, Physics, Psychology, or Maths/Further Maths.
- GCSE: Grade B or 6 in English Language, Maths, and either Double Science or Chemistry and Biology.
- Access to HE Diploma: Pass Science or Medicine diploma with 45 level three credits, all at distinction.
- International Baccalaureate: 32 points overall, including three higher level subjects at grades 6, 6, 5, with Biology or Chemistry and another science from Biology, Chemistry, Physics, or Maths.
- Application Process: All on-time applications that meet the minimum requirements are considered fairly. Decisions are made after the UCAS deadline of January 31, aiming to process most decisions by March 31. Your GCSE grades will be scored and ranked, with the highest scorers considered for offers. Other national and international qualifications are also considered.

TUITION FEE:

September 2025

- **BSc: 24,500 per year**

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Research Assistant-729
- Medical Laboratory Technician-201
- Medical Scientist-1,067
- Medical Laboratory Technician-201
- Research Scientist-1,017

KEY SKILLS:

Research Assistant: experimental design, data collection, lab techniques.

Medical Laboratory Technician: diagnostic tests, lab equipment, safety standards.

Medical Scientist: research methodology, statistical analysis, grant writing.

Research Scientist: experimental design, data interpretation, publication writing, leadership.

MODULES:

YEAR 1

- Molecular and Cellular Sciences
- Applied Medical and Biological Sciences 1
- Body Systems 1
- Applied Medical and Biological Sciences 2

YEAR 2

- Body Systems 2
- Body Systems and Applied Medical and Biological Sciences 3
- Body Systems 4
- Applied Medical and Biological Sciences 4

YEAR 3

- Public Health
- Cardiovascular and Renal Precision Medicine
- Respiratory and Cancer Precision Medicine
- Group Analytical Research Project

CAREER AND EMPLOYABILITY:

A BSc in Clinical Sciences sets a strong foundation for further study like a Masters or PhD. Your clinical knowledge and advanced research skills prepare you for careers in medical and healthcare research. The course aligns with the University's medical curriculum, making it ideal for Graduate Entry Medical (GEM) courses or other paths like Physician Assistant or Healthcare Management. Leicester's Careers and Employability Service offers support from Freshers' Week through Graduation and beyond, helping you with interviews, CVs, work experience, and more to achieve your career goals.

RELATED COURSE:

- Medicine

- Medicine with Foundation Year
- Medical Genetics
- Medical Microbiology
- Medical Physiology
- Medical Biochemistry

BSc MEDICAL MICROBIOLOGY

LEICESTER ADVANTAGE:

- BSc in Medical Microbiology will give you a thorough understanding of the range, type, structure and physiology of infectious organisms that cause disease in humans; including the major microbial diseases. This course will allow you to learn from both research and clinical scientists so that you can learn about management of infectious disease in clinical environments.
- Our genetic achievements include inventing DNA fingerprinting and identifying King Richard III's remains. Recently, we've established cryo-EM facilities and lead in antibiotic resistance research.
- With a high staff-to-student ratio, we provide personalized support to help every student excel.

ENTRY REQUIREMENT:

- A-levels: AAB - ABB grades, with at least two science subjects like Biology, Chemistry, Maths, Physics, or Psychology. Two AS-levels can replace one A-level. General Studies isn't accepted.
- EPQ with A-levels: ABB-BBB grades plus EPQ grade B. Include two relevant science subjects from Biology, Chemistry, Maths, Physics, or Psychology. General Studies isn't accepted.
- GCSE: Grade 4/C or above in English Language and Maths (if not taken at A2/AS-level).
- Access to HE Diploma: Pass the Science diploma with 45 level three credits, including 30 at distinction.
- International Baccalaureate: Pass Diploma with 30 points, including grades 6 and 5 in at least two relevant HL science subjects. Must have grade 4 in SL Maths or 3 at HL, and grade 4 in English A or 5 in English B if GCSE grades in English and Maths are below 4/C.
- BTEC Nationals: Pass the Applied Science Diploma with D*DD, plus five GCSEs at B/5 or above, including two relevant sciences.
- T Levels: Achieve a Distinction in Science, specializing in Laboratory Technician.

TUITION FEE:

September 2025

- **BSC: 24,500** per year
- **Year Abroad:** £6,125 which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675 which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.

3. **PTE 61 with 59 minimum in each component.**

4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Immunologist- 1,107
- Microbiologist-165
- Biomedical Scientist-234
- Pharmacologist-235
- Research Assistant in Genetics-124

KEY SKILLS:

Immunologists analyze immunological assays, study autoimmune diseases. Microbiologists identify microbes, perform antimicrobial testing. Biomedical Scientists conduct clinical tests, ensure accuracy. Pharmacologists study drug effects, design trials. Genetics Research Assistants analyze genetic data, use molecular techniques.

MODULES:

YEAR 1

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology (double module)
- The Cell: An Introduction to Cell Biology and Microbiology (double module)
- From Individuals to Populations: An Introduction to Genetics

- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience (double module)
- Medical Bioscience

YEAR 2:

Core modules

- Medical Microbiology
- Research Topic
- Principles of Microbiology
- Immunology and Eukaryotic Microbiology *OR* Immunology and Eukaryotic Microbiology (with science enterprise trip)

Option modules

Choose **two option modules** from:

- Genomes
- Physiology and Pharmacology
- Physiology of Excitable Cells
- Molecular Cell Biology
- Global Change Biology and Conservation

Then choose **three option modules** from:

- Contemporary Techniques in Biological Data Analysis
- Exercise Physiology and Pharmacology
- Genes, Development and Inheritance
- Bioinformatics
- Behavioural Neurobiology
- Neurobiology and Animal Behaviour
- From Genes to Proteins
- Protein Control in Cellular Regulation

FINAL YEAR

Core modules

- Advanced Topics in Medical Microbiology

Option modules

Overall, you must choose at least three modules from those marked *.

Choose one option module from:

- Molecular and Cellular Immunology*
- Microbial Biotechnology*
- Evolutionary Genetics
- Gene Expression: Molecular Basis and Medical Relevance
- Human Genetics
- Molecular and Cellular Pharmacology
- Molecular and Cellular Neuroscience
- Comparative Neurobiology
- Structural Biology
- Subtropical Physiology and Ecology
- Sustainability Enterprise Partnership Project

Then choose one pair of option modules from:

- Experimental Research Project A plus Experimental Research Project B (double module)
- Education Research Project A plus Education Research Project B (double module)
- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)
- Analytical Research Project (double module) plus one additional option module from the list below
- Steered Research Project (double module) plus one additional option module from the list below

Finally, choose two option modules from:

- Human and Environmental Microbiomics*
- Microbial Pathogenesis and Genomics*
- Cancer Cell and Molecular Biology
- Neuroscience Futures
- Physiology, Pharmacology and Behaviour
- Cellular Physiology of the Cardiovascular System
- Sustainability Enterprise Partnership Project

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury
- Allied Healthcare
- Kings College Hospital
- Lonza Biologics
- RBS

RELATED COURSE:

- Biological Sciences (Microbiology)
- Medical Biosciences (Microbiology)
- Medical Biochemistry
- Medical Genetics
- Medical Physiology
- Clinical Sciences

BSc MEDICAL PHYSIOLOGY

LEICESTER ADVANTAGE:

Physiology encompasses the study of biological mechanisms from the cellular to organismal levels, vital for maintaining optimal health amidst internal and external changes. This course explores these mechanisms comprehensively, from ionic processes to the integration of complex systems crucial for life. Understanding subtle physiological changes is essential for diagnosing and treating diseases, and for future scientific advancements in healthcare. Modular delivery allows flexibility to tailor learning to individual interests, while emphasizing transferable skills valued by employers. It forms the foundational three years of the MBiolSci in Medical Biosciences (Physiology), offering a robust academic grounding and practical skills essential for pursuing careers in medical research, healthcare, and scientific innovation.

ENTRY REQUIREMENT:

- A-levels: AAB - ABB grades, with two sciences from Biology, Chemistry, Maths, Physics, or Psychology. Two AS-levels can replace one A-level. General Studies not accepted.
- EPQ with A-levels: ABB-BBB grades plus EPQ grade B. A-levels must include two sciences. General Studies not accepted.
- GCSE: Grade 4/C or above in English Language and Maths (if not taken at A2/AS-level).
- Access to HE Diploma: Pass Science diploma with 45 level three credits, including 30 at distinction.
- International Baccalaureate: Pass Diploma with 30 points, including grades 6 and 5 in at least two relevant HL science subjects. Must have grade 4 in SL Maths or 3 at HL, and grade 4 in English A or 5 in English B if GCSE grades in English and Maths are below 4/C.
- BTEC Nationals: Pass Applied Science Diploma with D*DD, plus five GCSEs at B/5 or above, including two relevant sciences.
- T Levels: Achieve a Distinction in Science, specializing in Laboratory Technician.

TUITION FEE:

September 2025

- **£24,500** per year
- **Year Abroad:** £6,125 which is 25% of the full-time tuition fee
- **Year in Industry:** £3,675 which is 15% of the full-time tuition fee

SCHOLARSHIP:

- 75% above in 12th grade = 3000 GBP Scholarship
- 85% above in 12th grade = 5000 GBP Scholarship

ENGLISH LANGUAGE REQUIREMENT:

1. **IELTS 6.5** with 6.0 minimum in each component.
2. **TOEFL 90** with 20 minimum in each component.
3. **PTE 61 with 59 minimum in each component.**
4. **DET 120** with 95 minimum in each component.

Waiver:

- If the student scored **80%** and above in **State board-** 12th grade English or
- If the student scored **70%** and above in **National board-**12th grade English

IELTS will be waived-off.

JOB AVAILABILITY:

- Scientific Officer- 222
- Research Assistant (various specialties)-698
- Disease Research Scientist-216
- Neuroscience Research Assistant-100

KEY SKILLS:

Communication skills for reporting findings and collaborating with teams are crucial. Specific skills vary by role: Disease Research Scientists need expertise in pathology and disease mechanisms, while Neuroscience Research Assistants require knowledge of brain function and experimental

neuroscience techniques. Scientific Officers should have a broad understanding of laboratory procedures and regulatory compliance.

MODULES:

YEAR 1

- The Molecules of Life: An Introduction to Biochemistry and Molecular Biology (double module)
- The Cell: An Introduction to Cell Biology and Microbiology (double module)
- From Individuals to Populations: An Introduction to Genetics
- Multicellular Organisation: An Introduction to Physiology, Pharmacology and Neuroscience (double module)
- Medical Bioscience

YEAR 2

Core modules

- Pathophysiology of Disease
- Research Topic

Option modules

Overall, from the two groups below, you must choose at least two modules from those marked *.

Choose **two option modules** from:

- Physiology and Pharmacology *
- Physiology of Excitable Cells*
- Genomes
- Principles of Microbiology
- Molecular Cell Biology
- Global Change Biology and Conservation
- Medical Microbiology

Then choose **one option module** from:

- Exercise Physiology and Pharmacology*
- Contemporary Techniques in Biological Data Analysis
- Genes, Development and Inheritance
- Immunology and Eukaryotic Microbiology
- Immunology and Eukaryotic Microbiology (with science enterprise trip)
- Bioinformatics
- Neurobiology and Animal Behaviour
- From Genes to Proteins
- Protein Control in Cellular Regulation
- Behavioural Neurobiology

FINAL YEAR;

Core module

- Understanding Disease: an Integrated Approach

Option modules

Overall, you must choose at least three modules from those marked *.

Choose **two option modules** from:

- Comparative Neurobiology
- Molecular and Cellular Pharmacology*
- Molecular and Cellular Neuroscience*
- Evolutionary Genetics
- Gene Expression: Molecular Basis and Medical Relevance
- Molecular and Cellular Immunology
- Human Genetics
- Microbial Biotechnology
- Structural Biology
- Subtropical Physiology and Ecology

- Sustainability Enterprise Partnership Project

Then choose **one pair** of option modules from:

- Experimental Research Project A plus Experimental Research Project B (double module)
- Education Research Project A plus Education Research Project B (double module)
- Field Research Project A (Operation Wallacea) plus Experimental Research Project B (double module)
- Analytical Research Project (double module) plus one additional option module from the list below
- Steered Research Project (double module) plus one additional option module from the list below

Finally, choose **two option modules** from:

- Cellular Physiology of the Cardiovascular System*
- Physiology, Pharmacology and Behaviour*
- Cancer Cell and Molecular Biology
- Microbial Pathogenesis and Genomics
- Human and Environmental Microbiomics
- Neuroscience Futures
- Conservation and Ecological Genetics
- Behavioural Ecology
- Sustainability Enterprise Partnership Project

STUDENT PLACED SO FAR:

- Future Science Group
- Illumina
- Cambridge LTD
- Ebury
- Allied Healthcare
- Kings College Hospital

- Lonza Biologics

University of Leicester & The Apollo University

International Transfer program

Apollo-Leicester International Transfer Program Details:

1. Apollo-Leicester Undergraduate (UG) International Transfer Program **BEng. Computer Science (AI, Data Science & Software Engineering)**

Course Level: Undergraduate (UG)

BEng. Computer Science (AI, Data Science & Software Engineering)

Entry Requirements:

- **Academic Requirements:**
 - Minimum of 60% in Physics, Chemistry, and Mathematics during Intermediate or diploma studies (Maths is compulsory).
 - Minimum 70% score in English subject is compulsory.
 - Completion of Class 12 (or equivalent) with Physics, Chemistry, and Mathematics as major subjects from a recognized board.
 - Completion of a diploma in engineering, or in the final year of the diploma program.
- **Age Requirements:** The applicant must be between 17 and 24 years old as of December 31, 2026

Course Curriculum:

Year 1:

- Programming Fundamentals
- Basic Electrical and Electronics Engineering
- Data Structures through C++

- Problem Solving and Programming using Python
- Engineering Physics
- Digital Logic Design

Year 2:

- Computer Organisation and Architecture
- Design and Analysis of Algorithms
- Object Oriented Programming through Java
- Software Project Management
- Full Stack Web Development
- Basics of Artificial Intelligence

Year 3: In University of Leicester

- Computational Intelligence and Software Engineering
- Advanced C++ Programming
- Data Science and Visualisation
- Big Data and Predictive Analytics
- Advanced AI
- Internet and Cloud Computing

2. Apollo-Leicester Undergraduate (UG) International Transfer Program
BEng. Electrical, Electronic, and Information Engineering

Course Level: Undergraduate (UG)

Entry Requirements:

- **Academic Requirements:**
 - Achieve a minimum of 60% in Physics, Chemistry, and Mathematics during Intermediate or diploma studies (Maths is compulsory).
 - Minimum 70% score in English subject is compulsory.
 - Successfully completed Class 12 (or its equivalent) with Physics, Chemistry, and Mathematics as major subjects from a recognized board.
 - Completion of or in the final year of a diploma in engineering.
- **Age Requirements:** The applicant must be between 17 and 24 years old as of December 31, 2026.

Fees:

- **Year 1:** TAU (India) - £5,000
- **Year 2:** TAU (India) - £5,000
- **Year 3:** University of Leicester (UK) - £24,600*

Course curriculum:

Year 1:

- Sustainable Engineering Design
- Digital Electronics and Communications
- Electrical Engineering Principles
- Engineering Mathematics with programming - I
- Solid Mechanics
- Fluid Mechanics
- Thermodynamics
- Engineering Mathematics with programming - II

Year 2:

- System Dynamics and Control
- Electronics and Amplifiers
- Integrated Engineering Design

- Computational Engineering Method
- Signals and Systems
- Engineering Management and Business Simulation
- Electronics Test and Instrumentation
- Electric Machines and Drives

Year 3: In University of Leicester

- State Variable Control
- Digital Control and Actuators
- Power Electronics
- Real-time Cyber-Physical System Design
- Flight Dynamics and Control
- Machine Learning for Engineers
- Radio Systems
- Digital System Design and Programming

3) Apollo-Leicester Undergraduate (UG) International Transfer Program **BBA Business and Management**

Course Level: Undergraduate (UG)

Entry Requirements:

- **Academic Requirements:**
 - Candidates must secure 50% in Intermediate of any discipline or Class 12 or equivalent examination from a recognized board.

Fees:

- **Year 1:** TAU (India) - £4,000
- **Year 2:** TAU (India) - £4,000
- **Year 3:** University of Leicester (UK) - £19,700*

Course curriculum:

Year 1:

- Introduction to Management
- Business, Economy and Society
- Principles of Marketing
- Managing Human Resources
- Business Finance and Reporting
- Managing Health Data Technologie

Year 2:

- Organisational Behaviour
- Strategy
- Business Environment
- Human Resource Management
- Management Information Systems
- Operations Management

Year 3: In University of Leicester

- Research Methods
- Sustainable Development in Practice
- International Business
- Business Ethics
- Crisis Management
- Big Data and People Analytic

