Management and Information Technology
Undergraduate Degrees 2023
Welcome

In the Department of Organisation, Work and Technology, we help to shape leaders of the future in Human Resources, Information Technology and Management.

As part of a thriving international community, you will learn from world-leading researchers, whose work informs practice around the globe. Our degrees provide a balance of theory and practice underpinned by our research excellence – Lancaster University Management School is rated the number one business school in the UK for both our research power and research environment.*

Our degrees give you a broad appreciation of management theory and practice, combined with specialised knowledge of key disciplines. Our flexible programmes mean you can explore the pathways that interest you most and reflect your career ambitions. You can broaden your learning with modules from other management areas – or other disciplines entirely.

Our close contacts with industry and emphasis on employability means our graduates stand out in a competitive job market. From human resource management in public and private corporations, to business consultants, software engineers, IT consultants, working for international organisations, as well as the public sector, the opportunities are endless. Wherever you go, you will carry your Lancaster experience with you and remain forever a part of our community.

You have the opportunity to spend time on industrial placements, where you will be immersed in an organisation and gain vital employability skills. Beyond the course, our excellent careers teams can prepare you for interviews and assessment centres, build your CV and make you attractive to potential employees.

Whichever degree you choose, you will enjoy a rewarding and challenging time at Lancaster. You will acquire the skills for a successful career, meet friends for life, and create unforgettable memories.

Thank you for considering Lancaster as you make such an important decision for future. I wish you all the best whatever you decide.

Professor Niall Hayes
Head of the Department of Organisation, Work and Technology

*REF 2021, Business and Management Studies, first for Research Power, equal-first for research environment.

Blend technical, business and professional skills

If you are interested in both computer science and business, this flexible degree plays to your strengths.

Our BSc Management and Information Technology is delivered by experts in the fields of business and computer science. They will encourage you to look critically at, and bring a person-centred approach to, modern management ideas and theories of the firm. You’ll also explore how technology is employed across business.

This degree programme is accredited by TechSkills, which means that it meets industry standards for quality and relevance to tech and digital careers. Courses carrying this Tech Industry Gold accreditation provide you with the blend of technical, business and professional skills employers need – and actively seek.

You can attend TechSkills events and conferences and benefit from networking opportunities with employers. In this degree we use real world examples to question the role of information technology in business.

Soheib Nunhuck
BSc Management and Information Technology

The best thing about the BSc (Hons) of Management and Information Technology is its balance between theory and practice. While I learned managerial principles from philosophers and thinkers, I also gained hands-on experience with programming languages and applying cutting-edge technological concepts into case studies.
How your degree is structured

Your degree is made up of two main parts: the first year, which is referred to as Part I and the second and third years, which are called Part II.

If you are taking a four-year degree the fourth year is still within Part II. You will study a range of modules in each Part. Some are taken by all students on your degree programme, some are optional modules focused on your major subject area, and some could be options from outside of your major subject area.

This structure offers you the chance to devise a more flexible degree programme that reflects your interests.

What you will study

Our cutting-edge researchers will teach you how to manage teams and projects in IT-related business scenarios, and how to apply IT solutions and evaluate technical knowledge.

Your first year provides a strong foundation in Information Systems, Business Analytics and Software Development, and covers key debates in Management, Organisations and Work. You can also study areas such as Entrepreneurship, Marketing and Operations Management.

In your second year, you move on to areas such as Financial Accounting, Managing Business Information Systems, Knowledge and Data, Project Management and Software Design. You can choose from options ranging from Business Ethics to Human Resource Management, and have the opportunity to conduct a piece of business research.

In your final year, you look at how to develop Business Information Systems and how to manage change from a psychological perspective, and study options such as Project Management and Ethical Responsibility in Business.

For more information, please visit lancaster.ac.uk/study

Year 1 core modules

Management, Organisations and Work: Key Issues and Debates
Consider the different debates regarding the changing nature of employment relations from industrial relations to Human Resource Management (HRM).

Software Development
Develop the skills expected of a principled computer programmer - learn how to write, analyse, debug, test and document computer programs. You’ll be introduced to both the C and Java programming languages.

Introduction to Business Intelligence and Analytics
Covers the introductory topics of business intelligence, business analytics and business data science.

Tech Partnership Degree Accreditation
This course offers Tech Industry Gold accreditation; an industry accreditation for digital and tech degrees and degree apprenticeships. This accreditation is created by employers working within the technology industry who endeavour to ensure that these degrees are updated on a regular basis.

Fundamentals of Computer Science
Offers an insight into the importance and relevance of the principles of computer science. You’ll gain the essential knowledge needed to analyse and characterise the efficiency of algorithms and computer programs.

Year 1 optional modules

Introduction to Accounting and Finance
Introduction to Financial Accounting for Managers
Introduction to Marketing
Introduction to Operations Management
Management and Organisation in Context

Year 2 core modules

Introduction to Financial Accounting for Managers
An introduction to the analysis and use of published financial statements and the concepts which underlie financial reporting by companies. Not required if you opt for Accounting and Finance in Year 1.

Managing Business Information Systems
An introduction to the use and impact of information, communication and integrated technology systems on business and organisations.

Managing Knowledge, Data and Information Systems
Examine several of the transformations that have arisen in contemporary organisations as a result of the introduction and use of information systems.

Organisational Psychology
This course is concerned with major theories in social psychology and related social sciences that have guided the organisation and design of work.

Project Management Tools & Techniques
Get to grips with project management methods and the life cycle of a typical project: early project identification and definition stages, project execution and control, and issues of implementation and change.

Research Methods in Management
Develop your knowledge and understanding concerning social research and particular methods and methodologies. This module prepares you to undertake your own research.

Software Design
Gain an understanding of the importance of software architecture design, different styles of architecture, and the meaning of quality attributes for software design - such as maintainability, performance and scalability.

Year 2 optional modules (Some examples)

Business Ethics
Human Resource Management
Spreadsheet Modelling for Management
Marketing Management Essentials
Entrepreneurship: Key Debates and Concepts
The Changing Role of Management

Developing Business Information Systems
Look at how to study business operations, analyse the situation and develop appropriate information systems designs.

Psychological Approaches to Managing Change
Organisational change is widely accepted as a defining feature of contemporary life. This module reviews some key ideas associated with approaches to change.

Dissertation
An opportunity for you to apply the learning from your degree programme to undertake a substantial in-depth research study.

Optional module example:

Organising in the Digital Age: Power, Technology and Society
Technology is widely regarded as an unstoppable engine of change that will shape the advance or progress of the modern world.

It would seem that no corner of the planet is left untouched by the transformative power of technology. From computers and telecommunications technology to biotechnology, and from genetic engineering to the production of designer drugs that control and reshape human behaviour, it would seem that the technological (re)ordering of the world has no limits.

Against this background, you will explore the interrelationship between technology and organisation, placing a strong emphasis on the examination of accounts and representations, visions of technology, technologically-mediated change in organisations and society (including issues of identity, power and surveillance), and the ethical dimensions of technology.
Entry requirements

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<th>A Level</th>
<th>GCSE</th>
<th>IELTS</th>
<th>International Baccalaureate</th>
<th>BTEC</th>
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<td>ABB</td>
<td>English Language grade C or 4</td>
<td>6.5 overall with at least 5.5 in each component</td>
<td>32 points overall with 16 points from the best 3 Higher Level subjects</td>
<td>Distinction, Distinction, Merit</td>
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We welcome applications from students with a range of alternative UK or international qualifications. Find out more here: lancaster.ac.uk/study/undergraduate/how-to-apply

Typical contact hours
Around 10 hours a week for Part I (not including optional minor modules - these can vary)

Typical assessment
2 modules 40% exam 60% coursework, 1 is 100% coursework and 1 is 100% exam.

Industry options
Choose a third-year industrial placement for a positive, practical experience of real-world business skills. Entry requirements for this four-year degree may differ. Please check the website.

Life at Lancaster

Where future leaders are made
LUMS is a place of collaboration and creativity. It is a place where ideas are exchanged, talent is nurtured and bright futures begin. You will be part of a diverse student community that benefits from world-class facilities and a supportive learning environment.

Our brand new five-storey Management School building is a space to think and collaborate with three new lecture theatres, two executive teaching suites and a large atrium. This cutting edge facility provides an inspiring setting for the whole community, with large open spaces designed to enhance collaboration.

We are also home to a diverse, thriving and international community with a network of over 40,000 alumni.

Nine colleges, one home
Colleges are central to your University experience. They are where your social journey will start and one of them is very likely to be your home in Year 1. They are where you can study and socialise and it is almost like stepping into a ready-made set of friends. For ‘collegiate’ read ‘supportive’, ‘friendly’, ‘fun’ and ‘open’.

Future career options
- Software applications developer
- Information security analyst
- Computer systems analyst
- Management analyst
- Computer network architect

You will have support from our careers team, which includes a dedicated departmental careers coach working with you from day one, and on-hand to help with internships, placements and graduate employment. They offer specialist access to companies in the management and IT sectors. Our renowned academic credentials and MIT’s close contacts with industry mean you will stand out in a competitive job market.

Our graduates have gone on to work in areas including business consultancy and analytics, software engineering, IT consultancy, IT management, business analysis and project management. Many are employed by organisations endorsing the e-skills programme, such as Deloitte, Land Rover, IBM and Fujitsu.

For more information, please visit lancaster.ac.uk/study
How to apply

All the up-to-date information you need before you submit your application is online:

lancaster.ac.uk/study

Get in touch

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lancaster.ac.uk/asklums

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