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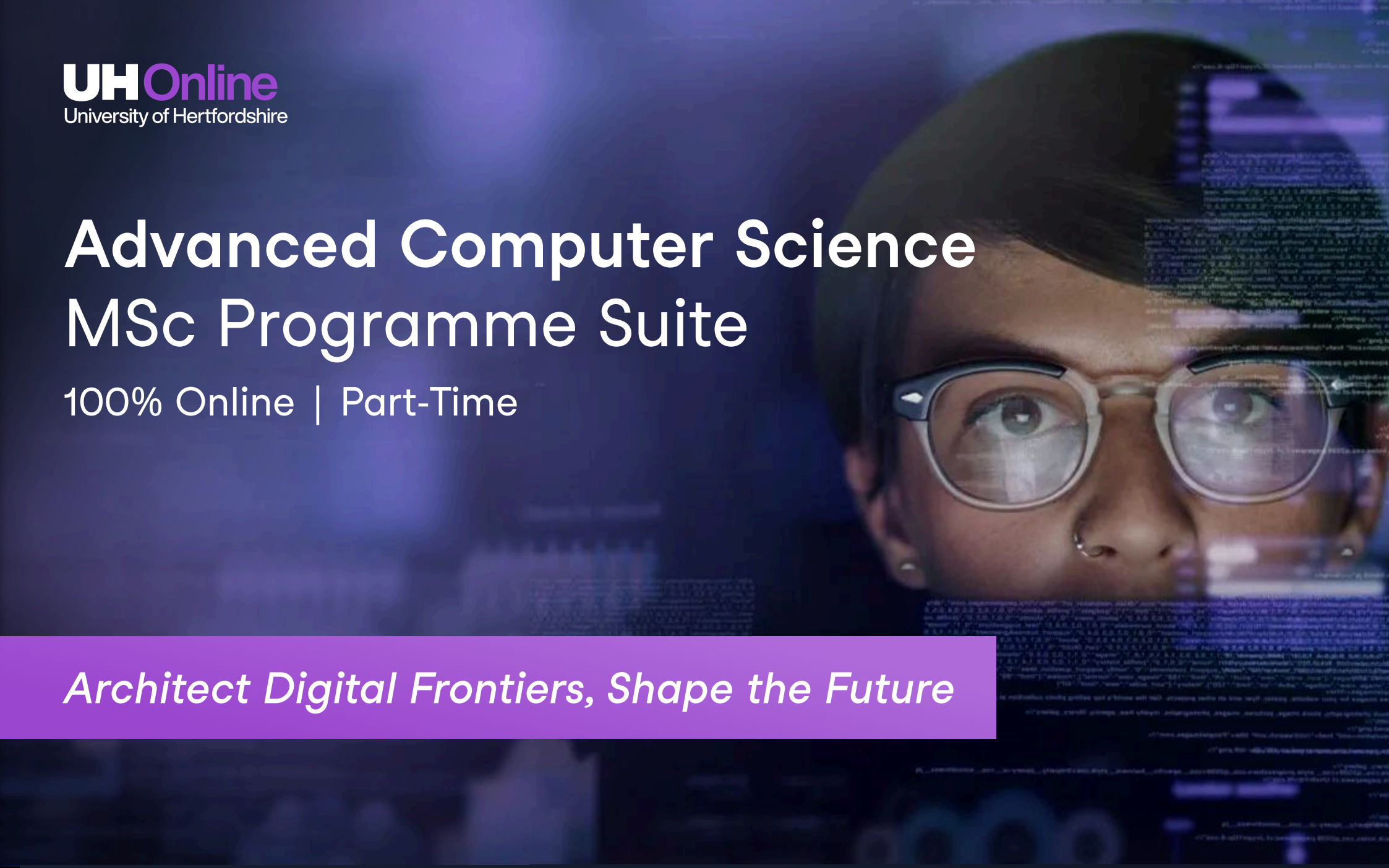
Advanced Computer Science MSc Programme Suite

100% Online | Part-Time



Architect Digital Frontiers, Shape the Future

Part-Time & 100% Online

For more information on the **Advanced Computer Science** portfolio of master's programmes contact an Enrolment Consultant by email at online@herts.ac.uk

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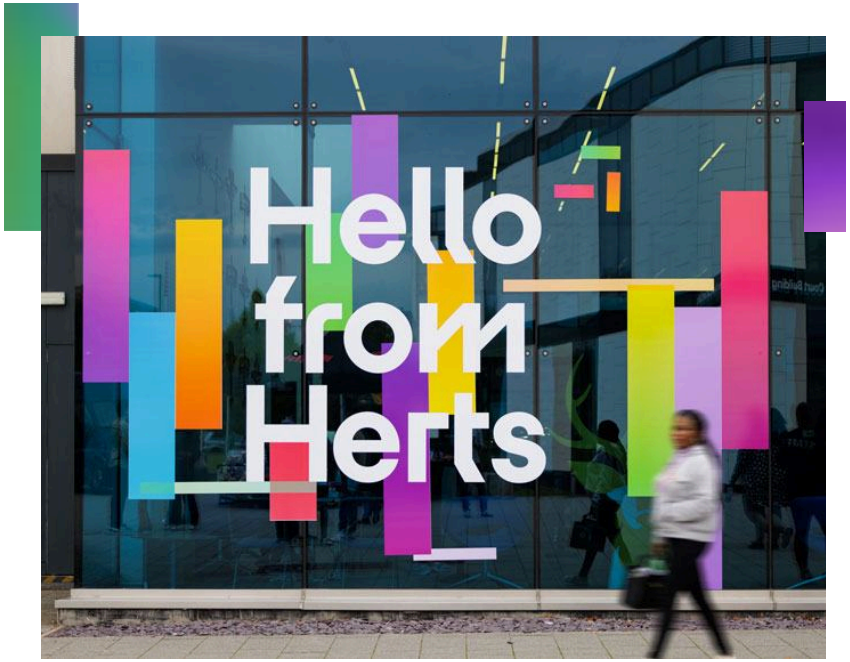

Discover the Advanced Computer Science

The online Advanced Computer Science programme suite is tailored to those with a solid foundation in computer science looking to deepen their expertise. The five degree programmes cover a broad spectrum of advanced topics, from theoretical underpinnings to practical applications. The curriculum focuses on cultivating critical thinking and technical skills, enabling you to tackle complex computing problems in dynamic environments. Whether your interest lies in artificial intelligence, cyber security, or software engineering, our Advanced Computer Science portfolio of programmes offers the flexibility to customise your learning path with optional modules aligned with your career goals and academic interests.

Skills Development

2nd
in the UK

Herts is ranked 2nd for skills development in the Postgraduate Taught Experience Survey (PTES) 2024

Personalise Your Advanced Computer Science degree

Choose from a range of specialisations offered as standalone Advanced Computer Science degrees, each designed to enhance your expertise in specific areas of computer science such as artificial intelligence or data science. Alternatively, you may opt for the broader MSc Advanced Computer Science programme, which allows you to choose electives to tailor your studies to your professional and academic aspirations.

- **MSc Advanced Computer Science**

For those looking for a fully customisable master's experience, this generalist programme allows you to select from all the modules available across the programme suite, giving you a versatile and comprehensive understanding of advanced computer science topics.

- **MSc Artificial Intelligence**

Dive deep into the world of AI, where you'll learn to design and implement systems that simulate intelligent behaviour. This programme focuses on the development and application of algorithms that enable machines to learn from data, make decisions, and solve complex problems.

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- **MSc Cyber Security**

Address the critical need for securing digital infrastructure and information. This programme covers the fundamentals and advanced topics in securing networks, systems, and data from cyber threats, including cryptography, security operations, and risk management.

- **MSc Data Science and Analytics**

Focus on extracting meaningful insights from large datasets. This programme equips you with the skills to apply advanced analytical techniques, machine learning algorithms, and statistical methods to make data-driven decisions.

- **MSc Software Engineering**

Enhance your ability to design, develop, and manage software projects. This programme emphasises the methodologies, tools, and techniques necessary for efficient software development and project management.

Study with a Modern UK University Rooted in Industry

At the University of Hertfordshire, we champion a practical and forward-thinking approach to higher education. Home to a dynamic community of 32,000 students from over 140 countries, the University excels in bridging academic study with real-world application. You'll benefit from high-calibre instruction delivered by experts actively engaged in research that resonates beyond academia. With an impressive history of over 70 years, we've established robust industry connections that facilitate a wealth of professional networking opportunities.

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British Computer Society (BCS) Accredited

bcs Accredited Degree

bcs The Chartered Institute for IT

This programme is accredited by the **British Computer Society (BCS), The Chartered Institute for IT.**

The accreditation means the programme meets the high academic standards set by BCS for computing and IT education.

It also provides graduates with the academic foundation needed to progress towards professional registration as a Chartered IT Professional (CITP).

Why Choose a BCS Accredited Degree?

Professional, Global Recognition
Can be recognised internationally, enhancing the global mobility of graduates.

Career Advantage
Employers may give preference to candidates with accredited degrees, and it can be a valuable asset in the job market.

Quality Assurance
Accreditation is a mark of assurance that the programme meets the standards set by the professional body.

CITP status
Accreditation means students partially meet the criteria for CITP status.

UH Online Commitment
This accreditation demonstrates our commitment to high-quality computing and IT education.

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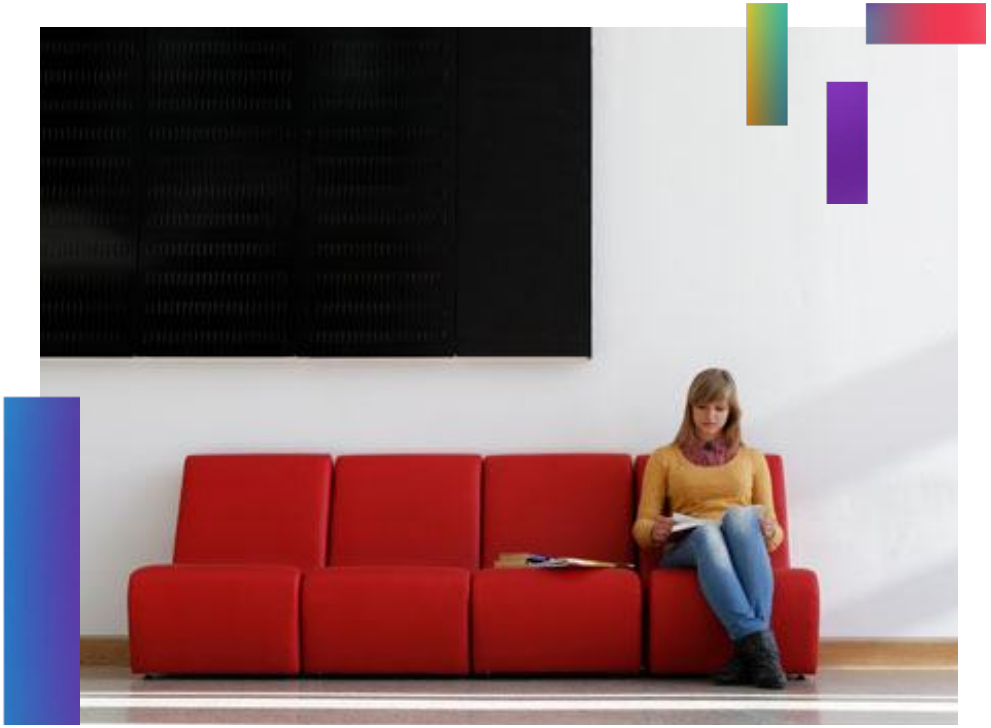
Acquire Skills To Elevate Your Career

The Advanced Computer Science degree programmes at the University of Hertfordshire are expertly crafted for those seeking to excel in the rapidly evolving landscape of digital technology. Through these programmes, you will:

- Master concepts such as algorithmic design, system analysis, and computational problem-solving, which are fundamental to any high-level tech role.
- Gain specialist knowledge in areas tailored to your chosen path, whether artificial intelligence, cyber security, software engineering, or data science.
- Acquire skills in data management and security protocol implementation, setting a solid foundation for technical expertise.
- Enhance your career prospects with project management, leadership in technology teams, and strategic planning, making you a valuable asset to any organisation.



Who is the Advanced Computer Science for?

The Advanced Computer Science programmes are tailored for ambitious professionals poised to take their careers to new heights in various sectors. Each specialisation caters to a distinct set of skills and career aspirations, offering a tailored educational path:

- **MSc Advanced Computer Science**: Designed for individuals with a solid foundation in computer science who wish to broaden their knowledge across a variety of advanced topics. This route is ideal for those seeking flexibility to explore different technologies and methodologies, making it perfect for aspiring technology consultants and project managers looking to supervise diverse tech projects.

Part-Time & 100% Online

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MSc Advanced Computer Science (Online)

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- **MSc Artificial Intelligence**: Ideal for professionals with a background in computer science or a closely related field keen on developing systems that emulate human intelligence. This programme suits those interested in roles such as AI developers, machine learning engineers, or researchers in tech firms and innovative startups focused on AI solutions.
- **MSc Cyber Security**: Created with those dedicated to protecting digital environments from cyber threats in mind. With a focus on the latest security practices, this specialisation proves attractive for aspiring cyber-security analysts, network security engineers, or consultants who aim to lead security strategies within organisations.
- **MSc Data Science and Analytics**: Suited for data enthusiasts who aim to transform raw data into actionable insights. This specialisation is perfect for statisticians, data analysts, and business intelligence experts who wish to leverage data in decision-making processes across tech, finance, healthcare, or retail industries.
- **MSc Software Engineering**: Perfect for experienced programmers and developers who aspire to advance their skills in building high-quality, scalable software systems. This path is designed for those looking to become senior software engineers, software architects, or technical leads, managing complex projects and leading development teams.

Each specialisation caters to professionals eager to expand their expertise in these niche areas, from those in junior roles to seasoned programmers. MSc degree programmes attract a global audience, appealing to those who value diverse perspectives and seek to address complex challenges across various industries.

Part-Time & 100% Online

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Accredited Programme
BCS accredited
This programme is accredited by the British Computer Society (BCS), The Chartered Institute for IT.

Your Career Path

Embark on your Advanced Computer Science degree programme and open doors to transformative career opportunities across various sectors:

Advanced Computer Science

Technology Consultant
Advise organisations on how best to use technology to meet their business objectives. This includes analysing and diagnosing their technology infrastructure, understanding their business needs, and designing technological solutions.

Project Manager
Oversee technology projects from conception to completion. Manage timelines, resources, and staff to ensure efficient and successful project delivery.

Systems Architect
Design complex software and computer systems. This role involves creating the architecture of a system and solving technical problems that arise during development.

Artificial Intelligence (AI)

AI Research Scientist
Develop new methods of AI and machine learning. This involves exploring new theories and making discoveries that can translate into actionable technologies.

Machine Learning Engineer
Apply algorithms to create systems and machines that can learn and make decisions independently. This role is crucial in developing applications for industries ranging from finance to healthcare.

AI Application Developer
Design and program applications that incorporate AI technology. This could be in various sectors like gaming, finance, or consumer software.

Cyber Security

Cyber Security Analyst
Protect systems against unauthorized access and attacks. This includes monitoring network traffic, analyzing vulnerabilities, and developing strategies to defend against attacks.

Information Security Manager
Oversee and coordinate security efforts across the company. This includes managing a team of IT security professionals and handling the overall defences against security breaches.

Penetration Tester
Simulate cyber-attacks to find vulnerabilities in a system before malicious actors can exploit them.

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MSc Advanced Computer Science (Online)

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Data Science and Analytics

Data Scientist

Use statistical methods to analyse data and generate useful business insights. This role involves data mining, interpretation, and presentation to influence strategic decisions.

Business Intelligence Analyst

Transform data into insights that drive business decisions. BI analysts use data analytics and visualisation tools to spot trends and patterns that can improve company efficiency and profitability.

Quantitative Analyst

Specialise in mathematical models designed to improve financial or business processes by reducing costs, increasing revenues, or mitigating risks.

Software Engineering

Senior Software Developer

Lead the development process for software programs. This involves high-level decisions about the design and coding standards of projects.

Software Architect

Create high-level software design choices and dictate technical standards, including coding standards, tools, and platforms. This role is critical in shaping the technical direction for complex software development projects.

Technical Lead

Guide development teams through technical challenges, oversee the technical quality of projects and implement software solutions that align with company goals.

Research Impact

Top 25
in the UK

Herts is in the top 25% of all universities (32nd nationally) for Research Impact (Research Excellence Framework 2021)

Study with a Globally Recognised Computer Science Department

The Department of Computer Science at the University of Hertfordshire's College Lane Campus is a beacon of academic excellence and innovation. Established in 1956, it is not only one of the UK's oldest academic Computer Science institutions but also among the largest. This historical depth and broad expertise make it a premier destination for students from around the globe seeking postgraduate study in Computer Science.

What sets this department apart is its vibrant role as a hub of cutting-edge research. The department transcends traditional academic boundaries with world-class research capabilities that stretch across computational biology, robotics, software design, processor design, and cyber security. It is also home to an established Cyber Security Centre, positioning it at the forefront of addressing some of the most pressing challenges in the field today.

Students at this department benefit from a rich heritage combined with a forward-looking approach, learning and contributing to developments at the very edge of technological advancement.

Part-Time & 100% Online

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Shared Core Modules

To obtain any of the five Advanced Computer Science degrees, you are expected to cover a comprehensive 180-credit curriculum designed to provide a deep and multifaceted understanding of the computer science landscape.

All programmes share two 15-credit modules, “Responsible Technology 1” and “Responsible Technology 2”, and an advanced research project worth 60 credits in their specific specialisation area.

1. **Responsible Technology 1** (15 credits)

Engage deeply with the ethical implications of technology use and development. This course examines the social impact of technology through a variety of case studies and theoretical frameworks, encouraging a nuanced understanding of how technology affects society. You'll explore ethical dilemmas and learn strategies for making informed decisions that consider both technological innovation and social responsibility. This foundational knowledge is crucial for any tech professional navigating the complex moral landscape of modern computing practices.

2. **Responsible Technology 2** (15 credits)

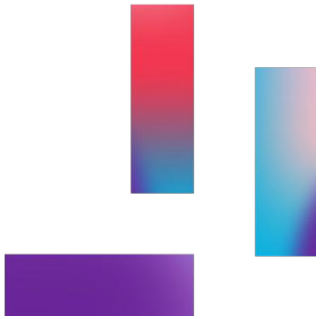
Building on the concepts introduced in Responsible Technology 1, this module focuses on the governance and regulation of technology. This course delves into compliance, legal frameworks, and the best practices for developing and implementing technology responsibly. You'll gain insights into regulatory standards and learn how to apply ethical principles in technology management, from privacy protection to data security. This advanced exploration prepares you to lead with integrity and ensure that technological advancements contribute positively to society.

Additional Modules Available For the MSc Advanced Computer Science degree

MSc Advanced Computer Science students must take the “Advanced Algorithms and Paradigms” module. They must also select from optional modules worth up to 60 credits (30 credits per year) from all other specialised programme areas (see below).

1. **Advanced Algorithms and Paradigms** (30 credits)

Dive into the intricacies of complex algorithms and their practical applications. This course provides a comprehensive overview of advanced algorithmic techniques, including graph theory, complexity analysis, and paradigms such as greedy algorithms, divide and conquer, and dynamic programming. You will learn to design, analyse, and implement efficient and scalable algorithms essential for tackling real-world problems in data science, cryptography, and network security. The module not only enhances your technical skills but also sharpens your problem-solving abilities, preparing you for specialised roles in technology development and research.



Part-Time & 100% Online

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Additional Modules Available For the MSc Artificial Intelligence degree

MSc Artificial Intelligence consists of a three 30-credit modules:

1. Theory and Practice of Artificial Intelligence (30 credits)

Gain a thorough understanding of both the theoretical and practical aspects of AI. Study various models and algorithms that underpin intelligent system design, including deep learning, reinforcement learning, and neural networks. This module also explores the ethical and societal implications of AI technologies, preparing you to make informed decisions in the development and deployment of AI systems.

2. Artificial Intelligence Programming (30 credits)*

This module dives into programming techniques essential for developing intelligent systems. Focus on algorithms that enable machines to learn and adapt through experience, using languages and tools specifically suited for AI applications. The coursework includes practical projects that apply AI programming skills to solve real-world problems, emphasising the development of efficient and scalable AI solutions.

*Also available on the MSc Software Engineering programme.

3. Machine Learning (30 credits)*

Delve into machine learning algorithms and their applications. Learn to design systems that can improve their performance based on data, focusing on supervised and unsupervised learning techniques. Practical exercises involve using real datasets to train, test, and refine models, providing hands-on experience that will be critical in tech-driven industries.

Additional Modules Available For the MSc Cyber Security degree

MSc Cyber Security consists of four 15-credit modules and one 30-credit module:

1. Digital Forensics (15 credits)

Learn the techniques used in the identification, extraction, and analysis of digital evidence. This module is crucial for roles in law enforcement and cybersecurity incident response. It covers the fundamentals of digital forensics, from data recovery techniques to legal considerations, providing a comprehensive view of the forensic processes involved in investigating cybercrimes.

2. Cyber Operations (15 credits)

Learn about the operational aspects of cybersecurity, including the strategies used in the protection of information systems during cyber warfare. This module prepares you to respond effectively to cyber incidents and threats through simulation exercises and real-world case studies. Learn about the tools and techniques for managing and mitigating cyber risks in an organisational context.

3. Distributed Systems and Security (15 credits)

Explore the design and implementation of distributed systems and learn about the security challenges associated with them. This module covers techniques to enhance the reliability and security of distributed applications, including aspects of synchronization, consensus algorithms, and fault tolerance. You will also understand how to implement robust security measures to protect against threats and vulnerabilities within distributed environments.

4. Penetration Testing (15 credits)

Master the art of ethical hacking. This course equips you with the skills to conduct comprehensive security assessments of computer systems, networks, and web applications. You will learn to identify vulnerabilities, exploit system weaknesses, and implement countermeasures to prevent data breaches. The curriculum includes hands-on exercises and real-world simulations that mimic security scenarios today's organisations face. This practical experience is invaluable for careers in cybersecurity, where professionals must stay ahead of emerging threats and safeguard sensitive information effectively.

5. Information Security Management and Compliance (30 credits)

This module is essential for understanding the complex landscape of digital security and the regulatory frameworks that govern it. This course provides a thorough grounding in the strategies and policies necessary for managing information security within organisations. You will explore topics such as risk assessment, security protocols, compliance with legal and regulatory standards, and the implementation of effective security measures.

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Additional Modules Available For the MSc Data Science and Analytics degree

MSc Data Science and Analytics cover two 15-credit modules and two 30-credit modules. It shares the Machine Learning module with the MSc Artificial Intelligence programme:

1. **Data Mining** (15 credits)

This module introduces techniques for discovering patterns in large datasets. Learn methods for data classification, clustering, and association analysis, which are essential for uncovering hidden insights in data. The module combines theoretical knowledge with practical data mining tools, preparing you to implement these techniques in business and research settings.

2. **Big Data Analytics** (15 credits)

Understand the frameworks and tools used for analysing large volumes of data. This module covers advanced analytics techniques and technologies, including Hadoop and Spark. Focus on real-time data processing and the implementation of scalable data analytics solutions that can support decision-making in large organisations.

3. **Machine Learning** (30 credits)*

Explore the design and implementation of distributed systems and learn about the security challenges associated with them. This module covers techniques to enhance the reliability and security of distributed applications, including aspects of synchronization, consensus algorithms, and fault tolerance. You will also understand how to implement robust security measures to protect against threats and vulnerabilities within distributed environments.

*Also available on the MSc Artificial Intelligence programme.

4. **Foundations of Data Science** (30 credits)

Delve into the core principles and methodologies that underpin data science. This module offers a robust introduction to the essential concepts of data handling, analysis, and interpretation. You will explore statistical methods, machine learning algorithms, and data visualisation techniques, which are crucial for turning raw data into actionable insights. The module also covers data preprocessing, cleaning, and the ethical use of data, ensuring you have a comprehensive skill set to tackle real-world data challenges effectively.

Additional Modules Available For the MSc Software Engineering degree

MSc Software Engineering consists of three 30-credit modules. It shares the AI Programming module with the MSc Artificial Intelligence programme:

1. **Artificial Intelligence Programming** (30 credits)*

*Also available on the MSc Artificial Intelligence programme.

2. **Software Engineering Practice** (30 credits)

Learn about the methodologies and practices fundamental to software engineering. This includes software development life cycles, testing, and maintenance strategies. Emphasis is placed on agile methodologies and the role of continuous integration/continuous deployment (CI/CD) in modern software development.

3. **Measures and Models for Software Engineering** (30 credits)

Study the metrics and models used to assess and improve software engineering processes and products. This module explores various software measurement techniques and their applications in managing software quality and productivity. Learn to apply these measures to enhance the software development process and ensure the delivery of high-quality software products.

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Module distribution across the MSc Advanced Computer Science programmes

✓ - Compulsory Modules

* - Optional Modules
(Select 30 credits/year)

Module Name	MSc Advanced Computer Science	MSc AI	MSc Cyber Security	MSc Software Engineering	MSc Data Science and Analytics
Responsible Technology 1 (15 credits)	✓	✓	✓	✓	✓
Responsible Technology 2 (15 credits)	✓	✓	✓	✓	✓
Advanced Algorithms and Paradigms (30 credits)	✓				
Information Security Management and Compliance (30)	*		✓		
Theory and Practice of AI (30 credits)	*	✓			
AI Programming (30 credits)	*	✓		✓	
Machine Learning (30 credits)	*	✓			✓
Digital Forensics (15 credits)	*		✓		
Cyber Operations (15 credits)	*		✓		
Distributed Systems and Security (15 credits)	*		✓		
Penetration Testing (15 credits)	*		✓		
Foundations of Data Science (30 credits)	*				✓
Big Data Analytics (15 credits)	*				✓
Data Mining (15 credits)	*				✓
Software Engineering Practice (30 credits)	*			✓	
Measures and Models of Software Engineering (30)	*			✓	
Final Masters Project (60 credits)	✓	✓	✓	✓	✓

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Assessments

Each 15 credit module is 8 weeks in duration and each 30 credit module is 16 weeks in the duration. The first 6 or 12 weeks, respectively, are learning-focused and may include formative or low-stakes assessments, while the final 2 or 4 weeks form the final graded assessment block.

Formative assessments

Designed to develop and check your understanding on each module, these assessments include:

- Online tests and quizzes
- Oral presentations
- Peer review

Graded assessments

Emphasising critical analysis, evaluation, and the integration of learning with practical application, these assessments include:

- Online tests
- Coursework assignments
- Capstone project

Duration

The Advanced Computer Science degree programmes are offered part-time, enabling you to balance your studies with professional and personal commitments. The programmes are designed to be completed over a minimum of 24 months or 2 years, leading to a 180-credit MSc degree.

Exit Options

While the full MSc requires 2 years to complete, you have the option to exit the programme early with a:

1. Postgraduate Diploma after completing 120 credits over 16 months
2. Postgraduate Certificate after achieving 60 credits within 8 months

Entry Dates

You can commence your studies when it is convenient to you with multiple entry dates throughout the year.

For the 2025/2026 academic year:

2025 — 15th September, 10th November

2026 — 19th January, 16th March, 25th May, 20th July

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Your Online Learning Experience

The University of Hertfordshire's Advanced Computer Science portfolio of programmes delivers a fully online and mostly asynchronous learning experience through Canvas, the University's virtual learning environment. Canvas is your personalised portal, providing access to study materials, enabling interactions with tutors and peers, facilitating online discussions, and hosting assessments. It also offers you a wealth of online resources, including eBooks and eJournals.

While the course offers a great deal of flexibility, it is not self-paced. Each module has set start and end dates and includes fixed deadlines for assignment submissions and online tests. This permits a collaborative learning environment where everyone progresses along the course at the same pace. Modules follow directly one after the other with no scheduled breaks in between except for the Winter and Spring holidays. This structure balances the flexibility of online learning with the structure needed to successfully navigate your course and complete it in just 2 years.

Technical Requirements

While you can study this course anytime and from anywhere in the world, you will need to have access to a suitable desktop computer or laptop and a stable internet connection.

Recommended Study Time Per Week

While we don't expect you to be online all the time, we recommend dedicating approximately 15 hours per week to your degree and managing that time flexibly according to your schedule.

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Your Degree Certificate

Your degree has the same academic standing as an on-campus full-time degree. As such, your degree certificate is indistinguishable from a campus-based programme, issued directly by UH and makes no mention of 'online' anywhere. Your full transcripts will note the part-time, online mode of study and the results you attained in each module.

Your Graduation

You will have the opportunity to attend your graduation ceremony alongside on-campus students, celebrating your achievement in a memorable and communal setting. Ceremonies are typically held either at the historic Abbey Church of St Albans or at the Weston Auditorium on the de Havilland campus in either September or December.

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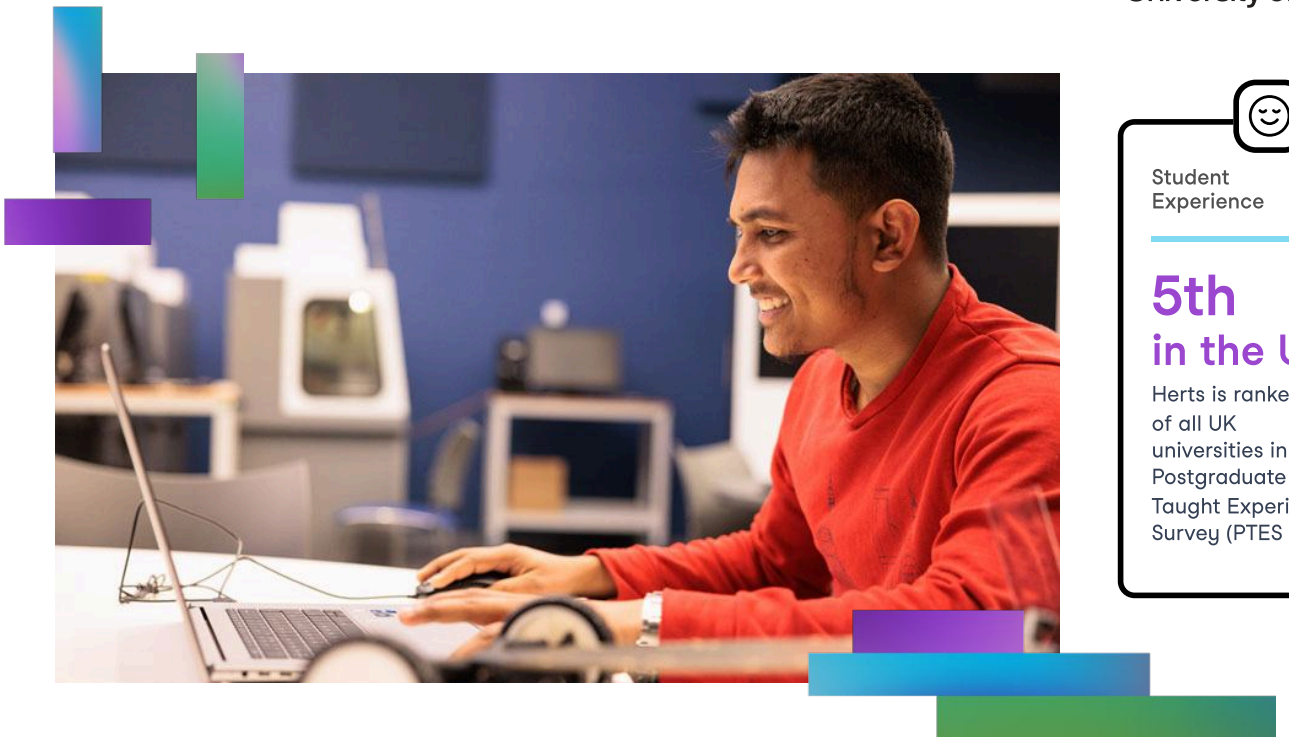
Dedicated Student Support Online

As an online student at the University of Hertfordshire, you will receive multi-tier support tailored to the unique requirements of distance learning and postgraduate study. You will have access to:

- **A programme leader** for overarching course guidance and assistance.
- **Module leaders** who provide guidance with assessment queries and clarifying learning points.
- **A student support team** who will assist you with managing your schedule and pastoral support.
- **Online events**, meet and greets, Q&A sessions, study skills orientation, and continuous Canvas platform support.
- **Student Wellbeing** units, University Disability Advisors & Hertfordshire Student's Union.



Student Experience

5th in the UK

Herts is ranked 5th of all UK universities in the Postgraduate Taught Experience Survey (PTES 2024)

Career Service

As an online student at the University of Hertfordshire, you will have access to the dedicated Careers and Employment and Enterprise service online, supported by their outstanding jobs portal, HandShake.

They are here to help you to develop your skills and make the best decisions for your future, offering assistance in:

- Searching for work experience opportunities
- Advice and tips on how to create the perfect CV
- Applying for jobs
- Undertaking further study
- Starting your own business

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Entry Requirements

Standard Application Requirements:

- **Academic Qualification**: Students should have a recent good Honours Degree (or equivalent) in Computer Science or cognate discipline*.
- **English Language Proficiency**: For International applicants whose first language is not English, IELTS score of 6.0 (with no less than 5.5 in any band), or equivalent.

*graduates from very closely related disciplines and other STEM fields can be considered on a case-by-case basis and must provide their full transcripts

We offer multiple exemptions from the Proof of English Language Proficiency requirement for those who have worked or studied in an English-speaking country or who have passed an English language test other than IELTS. Please speak to a Student Success Consultant or complete the online application form to find out if you qualify for an exemption.

Applicants without a relevant Honours Degree (or equivalent) in Computer Science might consider applying for one of the MSc Computer Science suite of programmes. Visit our site for more information.

Fees

For the 2025/2026 academic year, the total fee for any programme from the Advanced Computer Science suite at the University of Hertfordshire is £10,980. To accommodate different financial situations, the University offers several flexible payment plans:

- **Full Payment**: Pay the entire fee.
- **Per Module Payment**: Pay £915 for 15-credit modules, £1,830 for 30-credit modules and £3,660 for your Advanced Project. You will typically study 30 credits per semester.
- **Instalment Options** to break down the module fee further:
  - Two monthly instalments (75% and 25% of the module's fee)
  - Three monthly instalments (50%, 25% and 25% of the module's fee)
  - Four equal monthly instalments (25% of the module's fee each)

There are no upfront costs related to applying and starting your course. We don't charge an application fee or a deposit. You will get your first notification of fees a few weeks into your first module. Some modules may require remote invigilation of tests with an approximate additional cost of £25-50 per module. You will receive free university access to any required software and learning materials.

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Funding

All our master's programmes are eligible for government funding in the following countries and territories:

England

You might qualify for a Postgraduate Master's Loan of up to £12,858 provided by the UK Government. For further information, kindly visit Student Finance England.

United States of America (USA)

If you are located in the USA, you might be eligible to apply online for a private Sallie Mae student loan.

Northern Ireland

Should you be pursuing a part-time, online postgraduate master's degree from Northern Ireland, you might qualify for a Tuition Fee Loan of up to £6,500 to assist with tuition fee expenses. For more information, please visit Student Finance Northern Ireland.

Wales

For residents of Wales pursuing a part-time, online master's degree, you might be eligible for Postgraduate Master's Finance, which offers up to £19,255 as a combination of grant and loan. For additional information, please visit Student Finance Wales.

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Application Process

Application for all University of Hertfordshire online degrees is through the dedicated portal https://applyonline.herts.ac.uk. The application form is simple and intuitive, and it typically takes an hour or so to complete the basic Profile, Education, Employment, English and Essay sections.

The supporting documents required are:

- Your final degree certificate
- The official transcripts or full statement of results for your degree
- A copy of your passport or ID

International education documents must be translated into English by an official translator. You can also attach a copy of your CV or a link to your LinkedIn profile. Applicants must hold a Bachelors 2:2 or above in computing or a closely related discipline.

Personal Statement

As part of your application, you will be requested to submit a 300-500-word essay detailing:

- why you want to study this course and which specialisation track you've selected
- how it fits with your goals and aspirations
- what your strengths are as a candidate
- how you plan to cope with the demands of the programme

Once submitted, your application will be assessed by our admissions team and a decision will usually be made within five working days.

Please speak to an Enrolment Consultant for additional assistance. They will be able to offer personalised support tailored to your unique background and circumstances.

Book a meeting

Apply now!

Regulating Body

University of Hertfordshire programmes are regulated by the Office for Students (OfS) established as the regulator of the English higher education under the provisions of the Higher Education and Research Act 2017 (HERA).

Part-Time & 100% Online

For more information on the **Advanced Computer Science** portfolio of master's programmes contact an Enrolment Consultant by email at online@herts.ac.uk

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This brochure was reviewed in May 2025. It contains information on the MSc Advanced Cyber Security online programmes that the University of Hertfordshire ("Herts") intends to run for students planning to start their course in 2025-2026. Herts has made every effort to ensure this information is helpful and accurate. Still, some changes, for example, to courses, facilities, or fees, may become necessary due to legitimate staffing, financial, regulatory, or academic reasons.

Herts will endeavour to keep changes to a minimum and keep applicants informed appropriately. For this reason, it is important that you regularly check the website (https://online.herts.ac.uk) for updates or contact Herts using the contact details contained within this document.

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