



SCHOOL OF COMPUTING University of Leeds

[Home](#) | [Degrees & Courses](#) | [Research](#) | [People](#) | [Staff and Students Only](#)

Undergraduate Admissions



The vital role played by information technology in our society means that undergraduate degrees in computing offer great opportunities. They combine intellectual challenge with practical relevance, and offer a route to a range of interesting and rewarding careers.



All programmes offered can be extended to four years, incorporating an [industrial placement](#) or [study abroad](#) option between the second and final year.

Single Honours Programmes



[Computer Science](#) (UCAS code: G400 BSc/CS) is aimed at students who wish to gain a sound overall knowledge of the principles and uses of modern computer systems. Computer Science graduates will have both theoretical and practical understanding of systems, varying in scale from a single workstation to the Internet. This will be underpinned by well-developed software engineering skills and understanding of the mathematical principles underlying computation, including modelling, correctness, algorithm design and complexity.



[Computing](#) (UCAS code: G401 BSc/Comp) aims to provide the core competencies required for a career in building centralised and distributed software systems. It covers areas such as information systems, analysis, database design, software engineering, user interface development, networking and Internet technologies. There is a strong emphasis on industrial relevance and professional development.



[Information Systems](#) (UCAS code: G500 BSc/IS) is aimed at students who wish to understand and critically examine the opportunities and requirements of information systems within organisations. Graduates combine an understanding of modern business with solid software engineering skills. There is an emphasis on business modelling, organisational change and benefits in the context of information systems development.

Students who select and pass sufficient modules in either **Artificial Intelligence** or **Operational Research** will be able to transfer to a degree programme with these specialisms in the title.

Multidisciplinary Degree Programmes



[Cognitive Science](#) (UCAS code: CG84 BSc/CogSc) is the study of mind and cognition, using computational models to shed light on human mental processes, and philosophical reflection to consider the relationship between natural and artificial intelligence. The degree provides a strong foundation in Computing, Philosophy and Psychology to form a coherent package which bridges traditional boundaries between the three disciplines.



The Informatics Network offer multidisciplinary degrees in applied computing which have a common core but focus on different application domains:

- [Computing for Business](#) (UCAS code: GN51 BSc/CfB) focuses on industry and business.
- [Computing for Medical and Health Sciences](#) (UCAS code: GB59 BSc/CMHS) focuses on healthcare and medical systems.

Joint Honours Degree Programmes

There are also a number of joint honours degree programmes involving a computing discipline. Applications and enquiries for these programmes should be directed to the Centre for Joint Honours in Science.

- [Joint Honours Programmes](#)

Each of the degree programmes includes a core of technical computing. We also emphasise practical applications in areas of the School's research expertise, such as artificial intelligence, operational research, scientific computation, theoretical computer science and informatics. Throughout the three years, an emphasis on professional development ensures that you are well prepared for the varied challenges of the world of employment. Flexibility is provided by means of a number of [option streams](#), from which you can choose to tailor your degree to suit your interests and skills.

- [Entry Requirements](#)
- [Application and Admission](#)
- [Accommodation](#)
- [International Students](#)
- [Foundation Year/Access Courses](#)

Further information about the School and our degree programmes is also available:

- [Frequently Asked Questions](#)
- [Computing Laboratories](#)
- [Teaching and Assessment](#)
- [Study Abroad](#)
- [Industrial Placement](#)
- [BCS Accreditation](#)

Enquiries

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[▶ SoC ▶ Degrees and Courses ▶ Undergraduate Admissions Home](#)

[Top of page](#) | [Site map](#)

[Home](#) | [Degrees and Courses](#) | [Research](#) | [People](#) | [Staff and Students Only](#)

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