



STAFFORDSHIRE
UNIVERSITY



UCAS Code:
6409

BSc(Hons) Applied Information Technology

UNDERGRADUATE
COURSE INFORMATION

Key Facts

Faculty of Computing,
Engineering and
Technology

Location:
Stoke Campus

Duration:
3 years full-time
4 years with placement
year

Entry requirements:
Typical offer: 240 UCAS
points.
A levels: CCC or CDD
and C at AS.
BTEC: MMM.
All applicants are
individually assessed.
Detailed entry
requirements can be
found on each of our
online course pages or by
visiting [www.staffs.ac.uk/
ugentryrequirements](http://www.staffs.ac.uk/ugentryrequirements)

Accredited by:
BCS and IMIS



Available as a Top-up
from HND

At-a-glance

As a graduate, you will be equipped for a career in virtually any sphere of business or industry that has a need for the efficient and appropriate use of information technology (IT). Recent graduates have gained employment in IT departments in large organisations, become website developers, network administrators or even set up their own businesses.

A range of modules provides you with the skills and knowledge to apply IT. You will learn the advantages and disadvantages of applying IT in business and social applications and develop suitable IT solutions to real-world problems.

The first year of the course introduces you to a variety of IT aspects including analysis, design and development of systems, website publishing and hardware, and network elements.

The second year develops and extends these themes so that you will become an accomplished developer of suitable IT solutions. In addition, you will learn the importance of project management and the need for a professional attitude to IT.

An optional one-year placement period can be integrated into your course or you may choose to undertake a shorter work experience module that develops your ability to apply IT solutions. The emphasis of the final year is on developing your specialism. This is accomplished by a choice of options and work on a major project, culminating in the development of a software artefact, together with a reflective report on your work.

Course Outline

Year 1

- Business Systems Analysis, Design and Construction
- Publishing for the World Wide Web
- Learning for Success
- Software Development
- Fundamentals of Computer Hardware and Software
- Quantitative Tools for Computing*

Option modules include:

- Business Information Systems in Organisations
- Introduction to Multimedia

*Students without Maths A-C are given a gentler introduction into the mathematics needed in the course by studying the module Elementary Quantitative Methods. QTC is then taken in Year 2

Year 2

- Relational Database Systems Development
- Object Oriented Methods
- Object Oriented Development
- Networked Computer Systems
- Applied Research Methods and Professional Development

Option modules include:

- Applied Human-Computer Interaction
 - E-Commerce
 - Developing Interactive Multimedia
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Optional placement year

Year 3

- Applied Information Technology Project
- Perspectives in Systems Analysis and Design
- Group/Residential Case Study

Option modules include:

- Interactive Learning Systems
 - Applied Communications Technology
 - Database Administration and Management
 - Work Experience (between years 2 and 3 or part-time during year 3)
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**STAFFORDSHIRE
UNIVERSITY**

THE STAFFORDSHIRE GRADUATE

**EMPLOYABLE.
ENTERPRISING.
ENTREPRENEURIAL.**

The information in this leaflet is correct at the time of publication, but may be subject to change.

For the latest information visit www.staffs.ac.uk/undergraduate or contact our enquiries team on t: 01782 294400 e: enquiries@staffs.ac.uk

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With a thorough understanding of your chosen field, you'll be a reflective, critical learner with a truly global perspective. Work-ready and highly employable, you'll also fully understand the importance of being enterprising and entrepreneurial – essential skills whether you go into employment or start your own business.

Detailed entry requirements can be found on each of our online course pages or by visiting www.staffs.ac.uk/ugentryrequirements

For full, up-to-date details of our degrees and other courses, visit: www.staffs.ac.uk/undergraduate

For lots of friendly help and advice: t: 01782 294400 e: enquiries@staffs.ac.uk

You can also find us on:

