



STAFFORDSHIRE
UNIVERSITY

UCAS Code:
G400/G927

BSc(Hons)/BEng(Hons) Computing Science

UNDERGRADUATE
COURSE INFORMATION

Key Facts

Faculty of Computing,
Engineering and
Technology

Location:
Stafford Campus

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

Entry requirements:
Typical offer: 240 UCAS
points.

A levels: CCC or CDD

plus 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

A Computing Science degree gives you the flexibility to study a wide variety of computing topics and but also allows you to specialise. Recent graduates have gone on to become software developers, web developers, systems analysts, IT technicians, network analysts, database analysts, MIS support, project managers and computer engineers – the whole range of computing related occupations.

Take this course and you will study a combination of core modules which are specified by the University and will choose other modules to create your own degree pathway.

In the first year, you will study a combination of core modules to give you a firm foundation in areas such as computer systems and architecture, programming and systems analysis and design. Option modules give you the basis to make informed decisions about progression and specialisation.

In the second year you study two core modules and six option modules which you choose yourself. Some students choose to specialise in one area, such as networking or web development, other students study several topics to create a wider range of skills. The decision is yours.

Enrol on the sandwich degree and your third year will be spent on a placement, applying your knowledge in the workplace and gaining hands-on experience. In the final year, you will study modules covering advanced computing topics and complete a major project.

Course Outline

Year 1

- Introduction to Software Development
 - Hardware and Software Systems and Graphics
 - Maths and Statistics for Computing Students
 - Object Oriented and Event Driven Programming
 - Systems Modelling
-

Pathway Modules

You will choose three modules to reflect your own interests. You can choose from a wide range of topics, including Networking, Web, Games Programming, Computer Forensics, Mobile, Multimedia.

Year 2

- Professional and Enterprise Development
 - Database Systems
-

Pathway Modules

You will choose six modules to reflect your own interests; two of the modules will be chosen from an award-specific software development list.

Optional placement year

Year 3

- Individual Project
 - Information Systems Engineering in Industry (core for BEng(Hons) only)
-

Pathway Modules

You will choose four or five modules to reflect your own interests from a wide range of subjects including:

- Advanced Programming
- Safety Critical Systems
- Web Development
- Database Development
- Mobile and Handheld Applications

One of the modules will be chosen from an award-specific software development list.



**STAFFORDSHIRE
UNIVERSITY**

WHY STUDY AT STAFFORDSHIRE UNIVERSITY?

We have a reputation for preparing students to take on the world. Our courses deliver the skills and experiences employers value. Our lecturers know what it is you need to succeed in business because they're industry professionals. What we teach is not only quality assured but informed by the latest thinking and developments in the real world. And with excellent facilities, a lively social scene, and low cost of living, Staffordshire University is a great place to be a student.

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 call our enquiries team on 01782 294400.

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:
Call: 01782 294400
Email: enquiries@staffs.ac.uk

■ CREATE THE DIFFERENCE