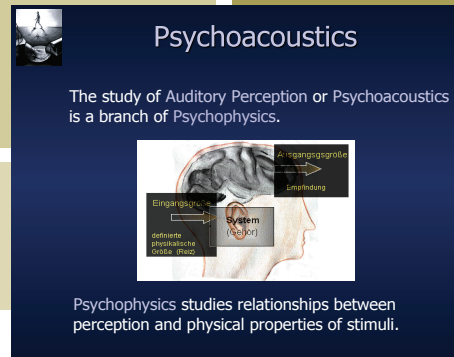
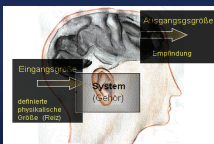


CNP04: AUDITORY PERCEPTION

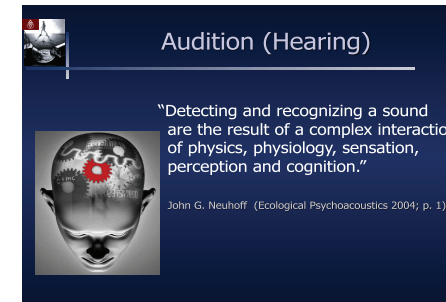


Psychoacoustics

The study of Auditory Perception or Psychoacoustics is a branch of Psychophysics.




Psychophysics studies relationships between perception and physical properties of stimuli.



Audition (Hearing)

“Detecting and recognizing a sound are the result of a complex interaction of physics, physiology, sensation, perception and cognition.”



John G. Neuhoff (Ecological Psychoacoustics 2004; p. 1)

Perception

Factfile

Typical entry requirements
A level grades BBB (300 points)

Required subjects
Mathematics to full A level is required for Computer Modelling and Simulation and Computer Science and Engineering.
Mathematics or Computing or Physics to full A level is required for Computer Science.

Other suitable qualifications
AVCE 300 points from 18 units
BTEC National Diploma DMM (in an appropriate science diploma)
International Baccalaureate 32 points
European Baccalaureate 75%
A wide range of other qualifications will be considered on an individual basis such as HNC/HND, Irish Leaving Certificate, Scottish qualifications and Access courses.

Planned intake
60

Selection process
We invite suitable candidates to visit the University to find out more about the programme and meet staff and students. You may receive an offer and/or be invited for an interview.

Contact Details

For general enquiries:
Tel: 0800 980 3200 or +44 (0)1483 683076
Email: ug-enquiries@surrey.ac.uk

For admissions enquiries:
Tel: +44 (0)1483 689247/686120
Fax: +44 (0)1483 686121
Email: cs.ug@surrey.ac.uk
Web: www.computing.surrey.ac.uk

Degree Programmes

BSc (Honours) Degrees

Computing and Information Technology	G560 (3 yrs) / G561 (4* yrs)
Computer Modelling and Simulation	G410 (3 yrs) / G411 (4* yrs)
Computer Science	G400 (3 yrs) / G401 (4* yrs)
Computer Science and Engineering	GH46 (3 yrs) / GHK6 (4* yrs)

* Programme includes a professional training year

Other degrees you may be interested in
Computer-aided Chemistry
Electronic Engineering
Entrepreneurship in Technology, IT and Business

Professional Recognition

Our degrees are accredited by the British Computer Society (BCS). The BCS Professional Development Scheme is also an integral part of our professional training year. It counts towards the experience required for professional membership of the BCS.

Top for Jobs

Recent graduates entered employment in roles such as:

- Electronic Arts – Tools Programmer
- Fujitsu Siemens Computers – Partner Development Manager
- Marconi – Software Engineer

Starting salaries amongst all known 2004 graduates averaged £21,600.

Why study Audition?

For anyone who wants to be involved in working at the cutting edge of technological science for the modern age, a degree in computing is a natural first step. Computers are integral to numerous spheres from business and government to the media and research. With sophisticated computing skills you can be at the forefront of innovation and opportunity.

Our degree programmes are developed in close consultation with an advisory board comprising representatives of major IT organisations in the UK. This ensures that they reflect the contemporary concerns and requirements of modern business and industry and provide you with a uniquely relevant programme of study.

- methods or intelligent agents
- Develop core technical skills that will help you throughout your career
- A student-centred environment
- A choice of options to suit your interests throughout your degree
- The opportunity to develop your professional skills through the industrial placement scheme
- Opportunity to spend your second year studying in America

Our Degrees

Computers are essential in almost every walk of life, from aviation to medical diagnosis. In the era of the Internet and increasing globalisation, the applications of computing continue to expand. To cater for this expansion, our programmes fall into two broad categories, delivered around a core syllabus of key computing skills.

Our Information Technology programme examines computer applications for business and management. Mathematics is not a prerequisite. Our technology-oriented programmes focus on the technologies required for modelling and simulation and the engineering of computing and communication. A good grasp of mathematics is required.

There can be little doubt that as technology advances and costs fall, our reliance on computers and the demand for computer scientists will increase further. A key focus of our programmes is to develop your applied knowledge and experience. This ensures that you gain skills applicable to leading-edge developments in the real world.

Our programmes include an optional professional training year during which you can develop your skills and gain experience that will greatly improve your employability.

The best computing specialists understand the capabilities of the most powerful computers and how to harness them effectively to meet an enormously varied range of real-world situations. Our graduates, with their unique combination of computing, business and technical knowledge, are equipped to enjoy significant rewards in the world's most exciting industry.