UNIVERSITY OF Southampton

Innovation & impact.

Postgraduate prospectus 2012

Welcome to Southampton

Southampton is a place for ambitious people keen to stretch their intellectual abilities and advance the global frontiers of knowledge.

As one of the UK's leading research universities, ranked among the top 100 universities in the world, we offer an outstanding postgraduate education. This prospectus gives an insight into what it's like to live and learn at Southampton as a postgraduate student.

Postgraduate study at Southampton is an inspiring and rewarding experience. Whether you are planning to do a taught or research programme, you will be working in a dynamic and challenging intellectual environment with internationally renowned academics. You will learn about the latest developments in your field as they happen and have opportunities to work on projects that cross the boundaries of traditional disciplines.

While postgraduate study gives you the freedom of independent learning, you will be supported by personal and academic tutors to help you get the very best from your university experience. You will have many opportunities to gain the transferable skills that will give you a competitive edge in today's global careers market, whether your ambitions are in research or industry.

You will have a warm welcome when you join our friendly postgraduate community. With access to our Students' Union, Staff Social Centre and state-of-the-art sports centre, all based on an attractive green campus, you have all the ingredients for a fantastic student experience.


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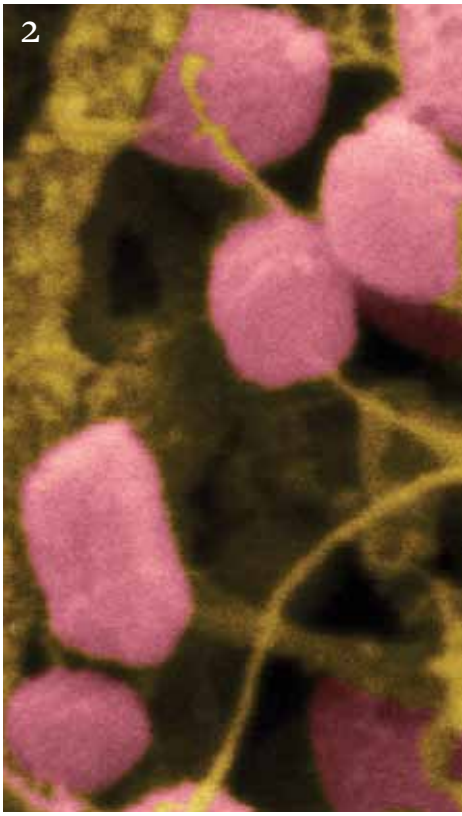
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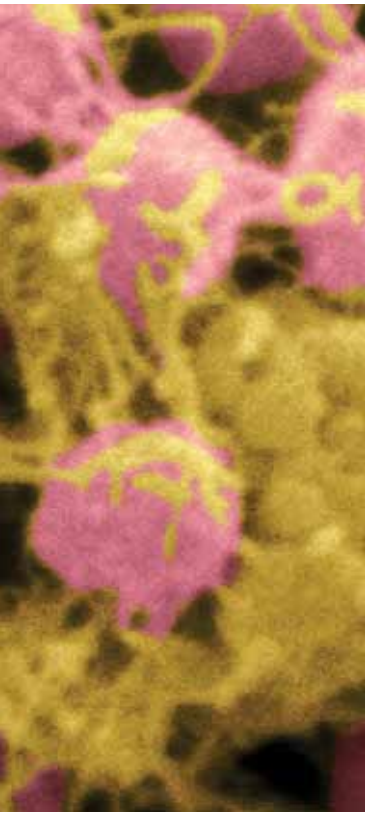


1. Outstanding academics
Men and women of the highest intellectual calibre working at the forefront of their fields.
Page 10

2. Research excellence
Linking fundamental research with real-world applications.
Page 12

3. Research centres and facilities
World-class facilities make Southampton an excellent learning environment.
Page 16

4. Enterprise
Working on collaborative projects with industrial partners.
Page 20

5. Study options
We offer a broad range of taught and research opportunities.
Page 22

In this prospectus

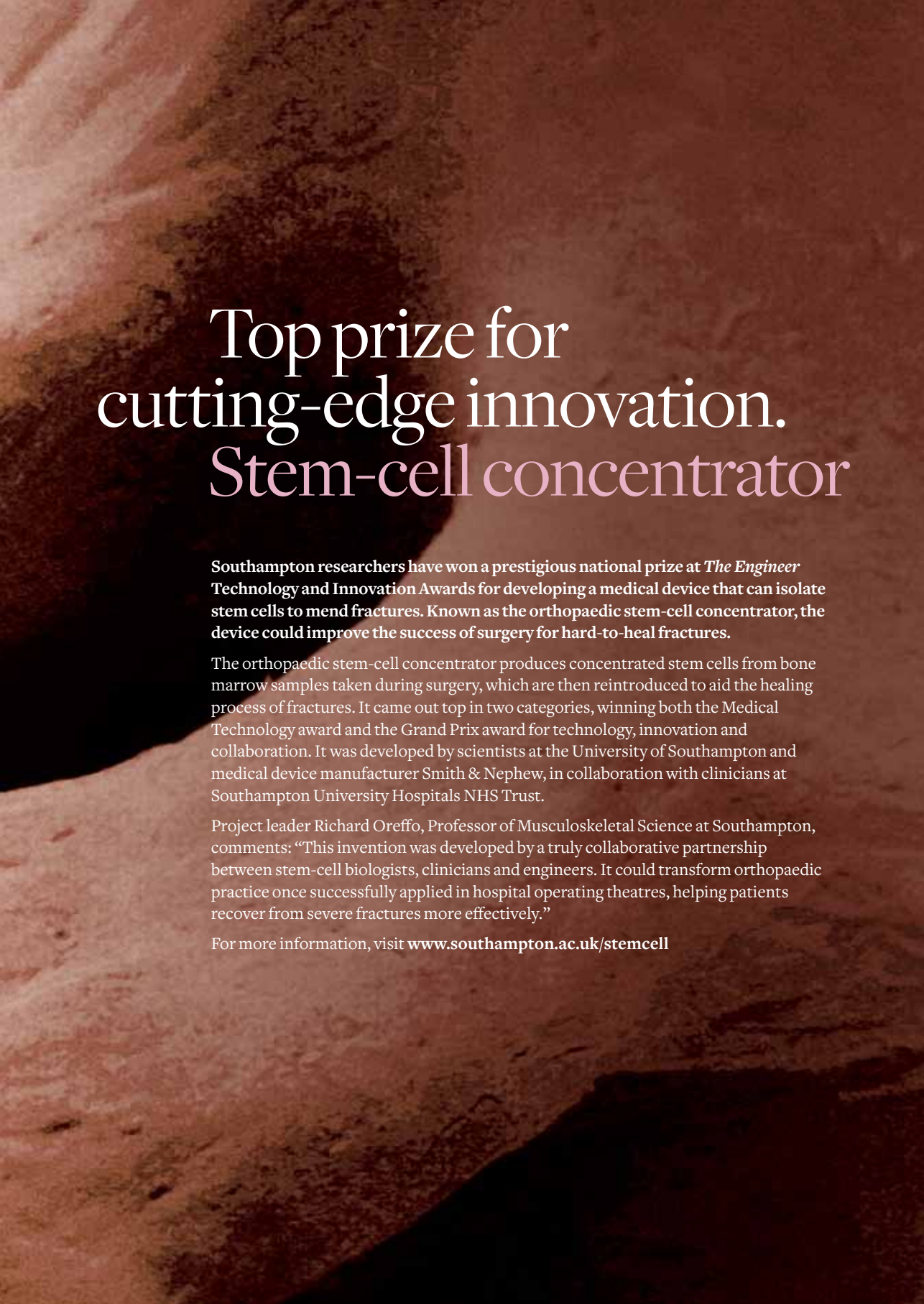
Online access with a fingerprint. Graduate develops web innovation

Computer science graduate Sara Jeza Alotaibi has developed a new system that could revolutionise web authentication systems. Sara, who has just completed her MSc Web Technology, has developed FingerID, a service that enables people to use a scan of their fingerprint as a password to maintain multiple online accounts.

"At Southampton I have learned from top academics in my field while having the freedom to define the direction of my research interests. This has given me the inspiration to develop FingerID, which will enable internet users to authenticate their identity in a hassle-free manner and go about their activities in a secure environment," says Sara. Her work on FingerID won the Best Paper Presentation award from the IEEE at the World Congress on Internet Security held in London in 2011.

Sara is staying on at Southampton to develop this approach in her PhD, where she will look at using other aspects of authentication such as palm prints and facial expressions.

For more information, visit **www.southampton.ac.uk/fingerid**



Top prize for cutting-edge innovation. Stem-cell concentrator

Southampton researchers have won a prestigious national prize at *The Engineer* Technology and Innovation Awards for developing a medical device that can isolate stem cells to mend fractures. Known as the orthopaedic stem-cell concentrator, the device could improve the success of surgery for hard-to-heal fractures.

The orthopaedic stem-cell concentrator produces concentrated stem cells from bone marrow samples taken during surgery, which are then reintroduced to aid the healing process of fractures. It came out top in two categories, winning both the Medical Technology award and the Grand Prix award for technology, innovation and collaboration. It was developed by scientists at the University of Southampton and medical device manufacturer Smith & Nephew, in collaboration with clinicians at Southampton University Hospitals NHS Trust.

Project leader Richard Oreffo, Professor of Musculoskeletal Science at Southampton, comments: "This invention was developed by a truly collaborative partnership between stem-cell biologists, clinicians and engineers. It could transform orthopaedic practice once successfully applied in hospital operating theatres, helping patients recover from severe fractures more effectively."

For more information, visit **www.southampton.ac.uk/stemcell**

Winning hearts and minds. Language is key for military success

Interpreters and translators work alongside the military to communicate information and show a friendly face in conflict situations. However, this role can be risky: around 360 interpreters and translators have died in Iraq since 2003.

Southampton researchers have played a major role in the first study to examine the way war is 'spoken', by analysing the policies and practice of learning languages and using translators during the Bosnian peacekeeping operation in the 1990s. A key finding was a lack of professional structure for interpreters, who were often treated with suspicion by both the military and the local community. Project leader Professor Mike Kelly says: "The issues we have discovered have really not gone away. The military did learn from the experiences of Bosnia, but there is a lot more to learn about managing language issues."

Working with the Ministry of Defence and the Imperial War Museum, the team is now helping to improve policies for effective language provision in conflict situations.

For more information, visit **www.southampton.ac.uk/languages**

Outstanding academics

As a postgraduate student at Southampton, you will be learning from and working with academics at the forefront of their disciplines. Here are just a few of our outstanding academics.

1. Professor Stephen Holgate
Medical Research Council Professor of Immunopharmacology

Stephen's research focus is respiratory medicine, asthma in particular. He is a Fellow of the Academy of Medical Sciences, Chair of one of the Medical Research Council's four research boards and Honorary Consultant Physician at Southampton University Hospitals NHS Trust. Stephen has won many awards throughout his career, including a CBE this year for services to clinical science.

2. Dr Heiko Pälike
Reader in Palaeoceanography

Heiko's main research area is the Earth's climate system. He was recently co-chief scientist on an Integrated Ocean Drilling Program Expedition to the equatorial Pacific, reconstructing the workings of the Earth's climate during the past 53 million years. Heiko has been awarded the prestigious Wollaston Fund, presented by the Geological Society, for his outstanding work in this field.

3. Professor Nick Jennings
Head of the Agents Research Group

Nick's research areas are agent-based computing and intelligent systems. A Fellow of the Royal Academy of Engineering, he leads the largest research group of its kind in the world and is a Chief Scientific Advisor to the UK government. Nick has been named by the ISI Web of Knowledge as one of the most highly cited researchers in both engineering and computer science.

4. Professor Mark Everist
Associate Dean (Research) of Humanities

Mark is an authority on the music of western Europe in the period 1150–1330, French 19th century stage music, Mozart and historiography. He is President of the Royal Musical Association, and has been awarded a prestigious Ruth A Solie award of the American Musicological Society for his book *Music, Theater and Cultural Transfer.*

5. Professor Sally Brailsford
Associate Dean (Research and Enterprise) of Business and Law

Sally's research focuses on healthcare modelling to support well-informed policymaking for improving care delivery, and evaluating treatments and screening programmes. Her research has led to improved healthcare outcomes across many disease areas, including HIV/AIDS, diabetes, cancer and emergency care. She has won the UK Operational Research Society's prestigious Goodeve Medal twice in recent years.

6. Professor Jane Falkingham
Head of Social Sciences

Jane directs the Economic and Social Research Council Centre for Population Change – a major UK research centre based at the University of Southampton. Her research focuses on how global demographic change affects the distribution of social and economic welfare. Jane has recently led projects on the future healthcare needs for the UK's ageing population, mapping poverty in Tajikistan and investigating child poverty in Lesotho.

7. Dr Syma Khalid
Research Councils UK Fellow in Theoretical Chemical Biology

Syma's research involves studying the structure and function of large biological molecules and systems using computational techniques, to benefit both the biomedical sciences and the growing field of bionanotechnology. Syma's research team is developing models of bacterial outer membranes that could facilitate the development of new antibiotics, and is working with industry to develop novel DNA sequencing devices.

Further information

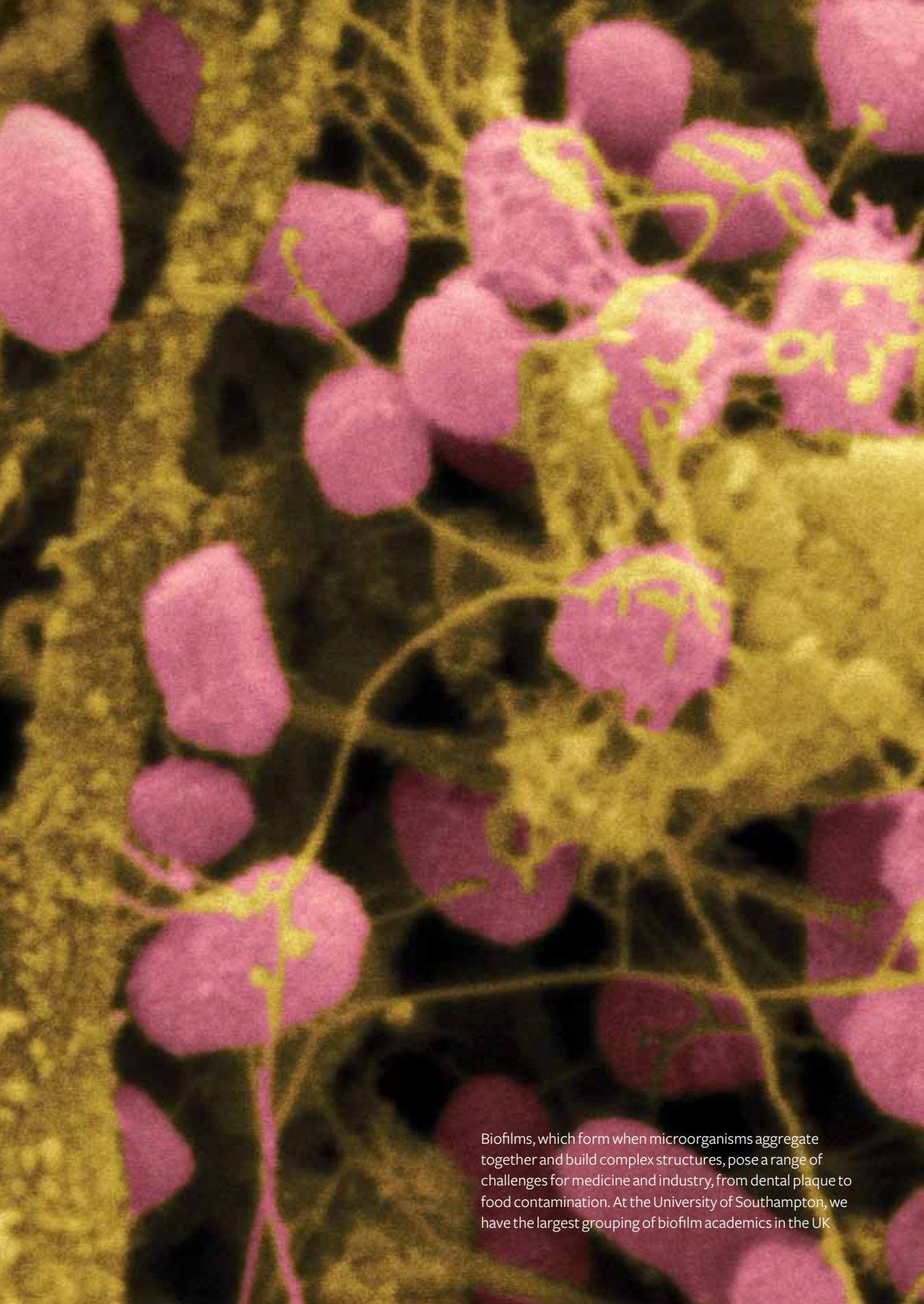
To find out more about our outstanding academics across the University, visit **www.southampton.ac.uk/academics**

Research excellence

The University of Southampton is a hub of invention and creativity. Research shapes everything we do, from our innovative teaching methods to our impressive portfolio of spin-out companies. We aspire to change the world for the better through our research, education, innovation and enterprise.

Our reputation for breaking new ground has enabled us to maintain our status as one of the UK's top research universities. We are among the top 15 UK universities for research, receiving more than £95m in research grants and contracts each year.

In the most recent (2008) Research Assessment Exercise, most of our research was considered to be world leading or internationally excellent. We are a member of the prestigious Russell Group, an association of 20 major UK research universities, and one of the top 100 universities in the world. Education lies at the heart of our strong research culture and you will be part of world-leading research as it takes place.



Biofilms, which form when microorganisms aggregate together and build complex structures, pose a range of challenges for medicine and industry, from dental plaque to food contamination. At the University of Southampton, we have the largest grouping of biofilm academics in the UK

Multidisciplinary research

To address the many challenges facing humanity today, researchers cannot be constrained by the boundaries separating traditional subject areas. Our innovative approach to research enables our postgraduate students to work effectively across disciplines.

This multidisciplinary approach creates excellent opportunities for professional development. As a postgraduate student, you will have the chance to share your ideas with other students and researchers from across many disciplines and come up with creative solutions that have a real impact.

We have developed 12 multidisciplinary research themes to address key national and international priority research areas. These themes are: ageing and lifelong health; complexity in real-world contexts; digital economy; energy; global uncertainties and security; health technologies; life sciences; living with environmental change; maritime studies; nanoscience; neuroscience; and work futures.

Multidisciplinary working in action: microbial biofilm research

Just one exciting research area that has arisen from this approach is the field of microbial biofilms. Biofilms are formed when microorganisms aggregate together and build complex structures, held together by a 'glue' known as the extracellular matrix. They are central to many important ecological processes, including the cycling of carbon and other nutrients, and they are needed for other essential biological processes such as waste water treatment. However, they also cause a range of problems. Biofilms are almost completely resistant to antibiotics, so in medicine they cause persistent infections and failure of medical implants and devices. Dental plaque is a good example of a biofilm that causes many problems for oral health. In industry, biofilms cause fouling and energy loss in shipping, as well as product contamination in the food and pharmaceutical industries.

At the University of Southampton, we have the largest grouping of biofilm academics in the UK, spanning a diverse range of disciplines with researchers from across the fields of biological sciences, medicine, computational modelling, engineering, chemistry and ocean science working together to tackle this issue. The group is unique in its ability to consider biofilms in an integrated way across these various research areas.

Dr Jeremy Webb, Lecturer in Microbiology at the University of Southampton, is conducting fundamental research in biofilm development. He says: "Understanding biofilms and microbial communities is now a feature of many scientific disciplines, including biotechnology, engineering, ocean science and infection research. At Southampton, we are capitalising on the multidisciplinary nature of this exciting research topic by fostering discussion and exchange of ideas between various research areas. The cross-cutting nature of this research topic creates fantastic opportunities for postgraduate research."

Further information

For more information on our multidisciplinary research and to find out how you can get involved, visit **www.southampton.ac.uk/multidisciplinary**

Doctoral Training Centres

To address today's global challenges we need world-class researchers. Southampton's four Doctoral Training Centres (DTCs) provide a revolutionary learning environment for tomorrow's leading researchers.

Funded by the Engineering and Physical Sciences Research Council (EPSRC), our DTCs in Complex Systems Simulation, Transport and the Environment, and Web Science will welcome their third cohort of students in 2012. Our new Social Science DTC, accredited by the Economic and Social Research Council (ESRC), was launched in autumn 2011.

Our DTCs give students the skills they need to address some of society's biggest problems, including those related to climate change, energy, our ageing population and hi-tech crime.

Each Centre offers a four-year multidisciplinary postgraduate programme. The taught first year includes short courses and project work tailored to students' backgrounds and research interests. This is followed by three years of challenging and original research at PhD level.

If you choose to study in one of Southampton's DTCs, you will benefit from the support of staff and peers throughout your PhD and beyond. Fully funded research studentships are available at each Centre. Visit our website for full details of how to apply.

- Complex Systems Simulation
  www.southampton.ac.uk/icss
- Social Science
  www.southampton.ac.uk/socialscience
- Transport and the Environment
  www.southampton.ac.uk/idtc
- Web Science
  www.southampton.ac.uk/webscience

James Snowdon, postgraduate student in the DTC for Complex Systems Simulation

James's research involves studying the decision-making characteristics of motorists as they move through a road network and choose which route to follow based on information available to them. His research will help government and other decision makers judge the impacts of potential changes to transport infrastructure.

"The course promotes a great focus on interdisciplinarity. Working closely with researchers from a range of fields I can apply the most relevant and innovative ideas to my own work and help others with theirs," says James. "It has been an excellent opportunity for personal development and I am learning valuable skills for communicating my research to both academia and industry effectively."

We are at the forefront of the fibre laser and optical fibre technologies that are vital for global telecommunications, manufacturing and medicine. Pictured here, Senior Engineer Andrew Webb is making a silica optical fibre in our state-of-the-art clean room facilities at the Optoelectronics Research Centre

Research centres and facilities

With a reputation for linking fundamental research with real-world applications, Southampton is home to cutting-edge research centres that consistently break new ground. Here are just a few of our research centres and facilities.

Centre for Operational Research, Management Science and Information Systems (CORMSIS)

CORMSIS covers the whole spectrum of management science, operational research and information systems, from theoretical mathematical developments to problem structuring and knowledge management. The Centre is one of the largest groups of its kind in the UK and enjoys an international reputation particularly in risk, optimisation, finance and health.

Developmental Origins of Health and Disease (DOHaD)

DOHaD is one of the University's internationally acknowledged centres of expertise. Its research focuses on how environmental factors such as diet and nutrition during early life predispose individuals to increased risk of chronic non-communicable disease in later life, an issue of great importance in both developing and developed countries. DOHaD's research extends from population studies to molecular mechanisms and explores new biomarkers and interventions for chronic diseases.

Institute for Life Sciences

The Institute for Life Sciences brings together our national and international experts to address critical issues facing society such as climate change and human health, as well as educating tomorrow's leaders in academia, industry and governance. Focusing on bioengineering, biomedicine and biosciences, the Institute enables postgraduate students to experience cutting-edge research at the interface of different disciplines. Postgraduates play a key role in developing the University's life sciences community alongside leading academics.

Institute of Sound and Vibration Research (ISVR)

A world-leading centre for research in sound and vibration, ISVR offers postgraduate programmes in sound and vibration engineering and audiology, including research on cochlear implants (pictured). Laboratory facilities include reverberation chambers, a large anechoic chamber, a loudspeaker listening room and a jet noise aeroacoustic test facility. The unique six-axis motion simulator reproduces transport motion with high fidelity, allowing the study of human responses to combinations of the motion, acoustic and thermal environment of transport.

National Oceanography Centre Southampton (NOCS)

NOCS is one of the world's leading centres for research and education in marine and earth science and for the development of marine technology. It provides large-scale infrastructure and support for the entire UK marine research community. NOCS represents a partnership between the University and the Natural Environment Research Council's National Oceanography Centre. As well as conducting world-leading research, NOCS has strong links with a variety of businesses, including offshore industries (oil, gas and communications), environmental technology companies and government agencies, in the UK and overseas.

Optoelectronics Research Centre (ORC)

ORC is one of the world's leading institutes for photonics research. Over the past 40 years the Centre and its predecessors have played a major role in the remarkable growth of the photonics industry, including the optical telecommunication technology that underpins the internet. With world-leading expertise and state-of-the-art optical laboratories and clean room facilities, ORC remains at the forefront of photonics advances today.

Parkes Institute

The Parkes Institute is a unique world-class centre for the study of Jewish–non-Jewish relations through the ages. The Institute crosses a broad range of disciplines, including history, English, German and music, and draws on the Parkes Library and Archive, one of the largest collections in Europe. Students have the chance to develop language skills in, for example, Hebrew, to access the primary sources.

Southampton Flight Simulator

The Southampton Flight Simulator is unique in the UK, developed by students for students. Originally funded by BAE Systems, it is a state-of-the-art facility that uses commodity-off-the-shelf technology (COTS). Many student projects have involved developing hardware and software for the simulator over a decade. We work closely with the aerospace and computing industries to continuously advance the simulator and its applications.

Southampton Nanofabrication Centre

Europe's leading research cleanroom complex incorporates a uniquely broad range of technologies, enabling state-of-the-art microfabrication and high-spec nanofabrication, and a wide range of characterisation capabilities, including nanometre-resolution scanning microscopes. The Centre develops and produces devices in diverse fields such as electronics, nanotechnology and bionanotechnology, incorporating them into an equally comprehensive array of nano and microsystems for analysis and use.

Supercomputer

The University's supercomputer, which has the power of over 4,000 PCs, is one of the most powerful university-owned supercomputers in the UK. The £3m supercomputer is used by leading researchers across the University in fields ranging from cancer research to archaeology to climate change. Postgraduate students have access to the supercomputer for use in research projects.

Tony Davies High Voltage Laboratory

The Tony Davies High Voltage Laboratory is one of only two laboratories in the UK that provide the high-level testing and research facilities required by UK electricity supply companies. With a range of specialised equipment, some capable of generating one million volts, the High Voltage Laboratory provides exciting opportunities for the study of electrical engineering.

Wind tunnels

Southampton's wind tunnels have an illustrious history, having been used by most of the Formula 1 teams since the 1980s. Superstars such as Adrian Newey, Formula 1's most successful car designer, began their careers in our wind tunnels. The tunnels are used for aerospace, yacht design, sail design and aerodynamics testing. Recent partnerships include working with UK Sport and the world-beating skeleton bob team that won gold in Vancouver in 2010. As one of the few universities in the world with such an extensive wind tunnel complex, our graduates are prized by companies involved in high-performance engineering.

Research Assessment Exercise

The Research Assessment Exercise (RAE) measures the quality of research in UK universities and colleges. The ratings are used to determine how public funds will be distributed for research. The results of the most recent RAE (2008) were presented as overall 'quality profiles'. These show the percentage of research activity that was judged to be: world leading (4*), internationally excellent (3*), recognised internationally (2*), recognised nationally (1*) and unclassified (U). The grade point average (GPA) is the overall quality profile converted into one figure. Using the standard weighting adopted at the University of Southampton, the highest achievable is a GPA of 4, although the highest score achieved nationally across all disciplines was 3.55. The next assessment exercise (the Research Excellence Framework) is expected in 2014.

www.southampton.ac.uk/rae

Further information

To find out more about our research centres and facilities, visit **www.southampton.ac.uk/researchcentres** or **www.southampton.ac.uk/researchfacilities**

Enterprise

Southampton is one of the leading entrepreneurial universities in the world, with excellent relationships with business and industry. As a postgraduate student, you will benefit from these strong links and have many opportunities to develop your entrepreneurial skills.

We have an impressive record of commercialising our research by 'spinning out' companies. Since 2000, we have spun out 13 successful companies in fields ranging from respiratory medicine to the discovery of new materials. Four of these have been floated on London's Alternative Investment Market, with a combined market capitalisation value of £180m.

We have collaborative projects with industrial partners ranging from multinationals, such as Rolls-Royce, Microsoft, IBM and Philips, to small and medium-sized companies (SMEs) such as Axon Ltd and PrimerDesign Ltd. Our students benefit from placement and research opportunities within these high-profile companies.

We also host five University Technology Centres with leading organisations including Microsoft, Airbus, RNLI, Lloyd's Register and Rolls-Royce, enabling intensive research, innovation, development and opportunities for students.

Student enterprise

The University has a strong record of student enterprise. We have a thriving student entrepreneurial society and had a winning team in the national Students in Free Enterprise (SIFE) competition in 2011. The Southampton team will represent the UK at the SIFE World Cup in Malaysia, where they will compete against 39 other countries.

We actively encourage the exchange of knowledge with businesses for the benefit of the economy and society. We provide support through research contract management, consultancy development and intellectual property protection, encourage the commercialising of research through the creation of start-up companies and licensing, and facilitate a portfolio of modes of collaboration, including Knowledge Transfer Partnerships (KTP) and industry-driven masters courses.

Entrepreneurial Internship Scheme

With support from the Engineering and Physical Sciences Research Council (EPSRC), our internship scheme funds young researchers to work within entrepreneurial, technology-driven businesses. The scheme helps students to develop a practical understanding of how to transform research ideas into commercially successful products and services, as well as the leadership and transferable skills that are essential in today's competitive careers market. The businesses involved range from spin-outs with a handful of staff to large companies that specialise in identifying and commercialising new technologies.

University of Southampton Science Park

The Science Park has been developed in conjunction with the University and thrives on the ties forged between the worlds of business and research. The 45-acre development provides a home for established international companies as well as the facilities and support necessary for start-up and early stage enterprises. It works closely with the SETsquared Partnership to provide opportunities for new companies. Students can benefit from internship programmes at the Science Park.

www.science-park.co.uk

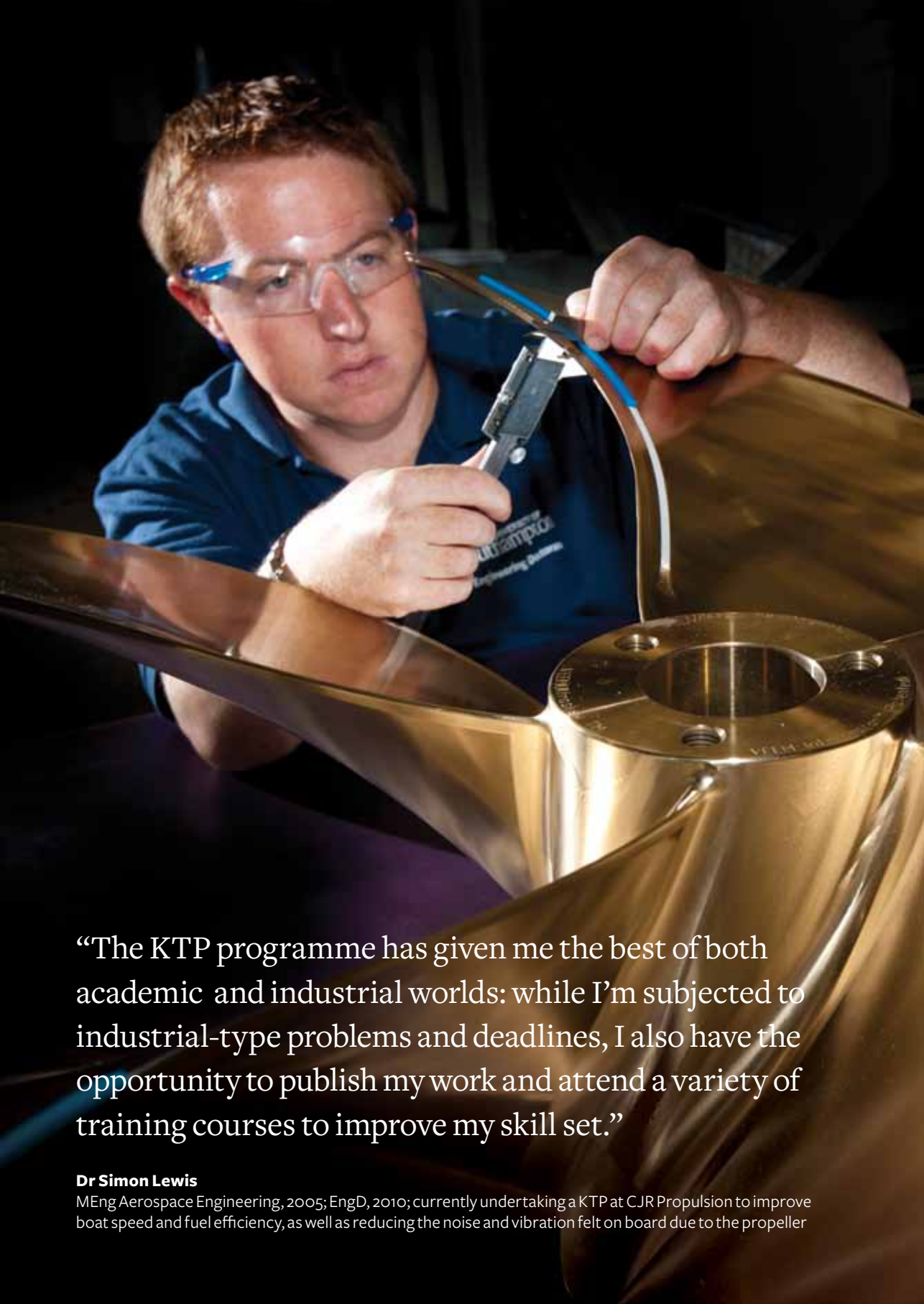
SETsquared Partnership

Our SETsquared Partnership is a collaboration of the universities of Southampton, Bath, Bristol, Surrey and Exeter. The partnership gives us the largest single source of academic knowledge transfer in the UK, with access to a collective research base of more than 7,400 researchers. We prepare students and staff with effective and practical business skills and provide valuable links with established companies and university experts. We can help you successfully generate quality spin-out companies from your research discoveries.

www.setsquared.co.uk

Further information

To find out more about our links to business and industry, visit **www.southampton.ac.uk/business**



"The KTP programme has given me the best of both academic and industrial worlds: while I'm subjected to industrial-type problems and deadlines, I also have the opportunity to publish my work and attend a variety of training courses to improve my skill set."

Dr Simon Lewis
MEng Aerospace Engineering, 2005; EngD, 2010; currently undertaking a KTP at CJR Propulsion to improve boat speed and fuel efficiency, as well as reducing the noise and vibration felt on board due to the propeller

Study options

We offer a broad range of taught and research opportunities for ambitious, talented and highly motivated individuals, with over 200 taught courses and research areas.

Research degrees

Master of Philosophy (MPhil)
The minimum period of study for an MPhil is one year, but in most cases you will enrol for two years. Your registration will normally be for an MPhil, but if your progress is satisfactory, and your project is suitable, there may be an opportunity to upgrade to doctoral level.

Doctor of Philosophy (PhD)
Doctoral study takes place in a challenging research environment, and you will be expected to make an independent contribution to your chosen field. You will register for an MPhil/PhD and will normally upgrade to a PhD during your second year, subject to satisfactory progress. You can expect to complete your research after approximately three years (full-time).

Integrated/new route Doctor of Philosophy (PhD)
This flexible, four-year PhD consists of a first year of taught courses and research training, followed by three years of original research within a research group. Graduation is possible at masters or PhD level, depending on needs and performance.

Professional doctorates

We offer a range of postgraduate programmes which combine taught and research elements.

Doctorate in Business Administration (DBA)
This is academically equivalent to a PhD, focusing in particular on the interaction between theoretical and applied aspects of management. The DBA is a part-time programme.

Doctorate in Clinical Psychology (DClinPsych)
The three-year DClinPsych combines supervised research with academic input and placement learning to provide accredited professional training.

Doctorate in Clinical Practice (DClinP)
The three-year DClinP develops practitioners' abilities to lead and develop clinical practice, using lectures, seminars and supervised research to build on professional experience.

Doctorate in Education (EdD)
Through a combination of coursework and research, you will produce a thesis, usually across three to four years. The EdD is designed for experienced professionals wishing to deepen their expertise, but not intending to become career researchers.

Doctorate in Educational Psychology (DEdPsych)
The three-year DEdPsych combines supervised research with academic input and placement learning to provide accredited professional training.

Doctor of Medicine (DM)
You will undertake a part-time research project while employed in local hospitals and other institutions. You will register for a DM/PhD, with the opportunity to upgrade to a PhD, subject to satisfactory progress.

Engineering Doctorate (EngD)
The four-year EPSRC-sponsored EngD combines industry-led research and development with postgraduate academic training, including MBA modules.

Master of Research (MRes)

The MRes is available in a number of different disciplines, and is suitable if you wish to undertake a substantial piece of research at masters level.

Taught programmes

Masters (eg MA, MBA, MSc)/Postgraduate Diploma (PG Dip)/Postgraduate Certificate (PG Cert)
Taught courses vary in emphasis: some provide essential training leading to research; others offer career-specific preparation. Many are available as full-time or part-time programmes, and some may be followed through distance or flexible learning. Depending on needs and performance, you can generally progress to a masters degree via a PG Cert or PG Dip by accruing credits.

Please note: for the majority of our programmes, the normal teaching timetable is from 9am to 6pm, Monday to Friday.

International opportunities

The University is a founder member of the Worldwide Universities Network (WUN) – an international partnership of research-intensive universities supporting innovation in research and education on a global scale. We also participate in the Erasmus European student and staff exchange scheme.

"My visit to China through the Worldwide Universities Network student research programme has given me the opportunity to collect data on the swimming performance and behaviour of little-studied Chinese fish species, learn new techniques and work with scientists from across the world."

Lynda Eakins
PhD Environmental Science, second year;
investigating the effect of hydropower development in China on native fish populations

Further information

To find out more about postgraduate opportunities at Southampton and which courses are right for you, visit **www.southampton.ac.uk/postgraduate/pgstudy**

Libraries

We scored higher than most other Russell Group universities for the provision of library resources.

Postgraduate Research Experience Survey, 2009

At Southampton we offer more than just a traditional library. With online access to our resources, you can fit your learning around your life and make the most of the academic, social and sporting opportunities available on campus.

Our main library, the Hartley Library, is located on the Highfield Campus and has an excellent reputation as one of the leading research libraries in the UK. It houses specialist collections including the Broadlands Archives, the papers of the Duke of Wellington, world-renowned collections relating to Jewish history and culture, and the Ford Collection of British Official Parliamentary Publications. The National Oceanographic Library is the UK's most extensive collection of oceanographic literature and one of the largest marine science libraries in Europe. We also have specialist art and design and health services libraries.

Our libraries hold between them nearly three million books, journals and reports. Most of our journal subscriptions are in electronic format and the collection includes over 300,000 e-books. Members of the University can access many of our e-resources and services globally. There are more than 2,000 computer workstations across the campus as well as a wide range of learning spaces for both group and individual study.

All the libraries offer a range of study spaces and laptop and PC access, including both wireless access and network points. In the Hartley Library you will find both group and quiet study space, and a number of bookable group study rooms. There is also an extremely popular café and a lounge area for more relaxed study and discussion. The Assistive Technology Service, based at the Hartley Library, provides specialist services for users with disabilities.

Training sessions run by our library staff will help you make the best use of the library resources. Each discipline has a designated member of library staff to work with students and staff to provide the best support.

Further information

To find out more about the Library Service, visit **www.southampton.ac.uk/libraries/pg**

We are harnessing the talent of our students to create dynamic new learning spaces through our Create Your Campus competition. The 2010 winner, the 'Tesseract room' (pictured), consists of study cubicles and a presentation area with interactive touch-screen technology

Students' Union and Staff Social Centre

As a postgraduate student, you will automatically become a member of Southampton University Students' Union (SUSU), one of the largest in the UK. Postgraduate students also enjoy full access to the Staff Social Centre facilities.

SUSU facilities

SUSU is the hub of the University social scene and has an active postgraduate community. Located on the Highfield Campus, the main SUSU complex enjoys a wide range of facilities, including:

- the Union Shop, stocking stationery, gifts, food and clothing
- Café SUSU, open all day, serving great value hot and cold food
- the Cube, a 1,700-capacity nightclub
- the Uniplex, a 330-seat cinema, run and operated by students
- four bars, including the Stag's Head, the Students' Union bar and the Bridge, a great place for lunch or coffee by day and a cocktail bar by night

This is just a small selection of what SUSU has to offer. There are stalls and activities on the Highfield Campus almost every day and a weekly market selling fresh, local produce.

You can also enjoy Students' Union facilities at Winchester School of Art, where SUSU also provides a wide range of events and support services.

www.susu.org

Support

The Students' Union is here to support you, and provides services such as:

- the Students' Union Advice and Information Centre (see page 47 for more information)
- Nightline, a student-run confidential listening and information service (see page 46 for more information)
- the 'course rep' system, to make sure you get the most out of your programme
- Junior Common Room (JCR) teams, the students elected to make your life in halls accommodation safe and sociable
- a dedicated postgraduate officer to support you as part of our postgraduate community

The Students' Union also runs a series of campaigns throughout the year to make sure you stay informed about everything you need to know to live a safe, healthy and productive life in Southampton.

Get involved

Through the Students' Union, you can take part in:

- over 80 sports clubs at the Athletic Union, with competition at all levels ranging from intramural to national
- over 160 societies, from the cultural and course-related to the international, sporting and political
- Raise and Give, our fundraising department, which donates thousands of pounds to charity every year
- Community Volunteering, providing opportunities to help out in the local community and meet like-minded people
- media departments – Surge Radio, the *Wessex Scene* newspaper, *The Edge* magazine, Union Films and our television station SUSU.TV, all with the latest industry standard equipment and all run entirely by student DJs, journalists and directors
- running the Students' Union – you could take up a place on the Union Council and help make the decisions that shape SUSU or run for an executive officer position

Staff Social Centre

As a postgraduate student you will have access to all the facilities of the Staff Social Centre, including a bar with a pool table, restaurants, cafés and a lounge.

Further information

To find out more about the Students' Union, visit **www.susu.org**

Through their studies and social activities, students soon make new friends

We have five lively and diverse UK campuses: four in Southampton and one in nearby Winchester.

Highfield

Our main campus, in the north of the city, is home to the Students' Union, the Jubilee Sports Centre, the Student Services Centre, the Hartley Library, the John Hansard Gallery, The Nuffield Theatre and Turner Sims. There is also a choice of cafés and restaurants, a shop, banks, a post office, a bookshop and a hair and beauty salon. Our postgraduate students have full access to the facilities of the Staff Social Centre on site.

Avenue

A few minutes' walk from Highfield, the Avenue Campus houses most disciplines in Humanities and the Centre for Language Study. It has a library, lecture theatres, focused study spaces and catering amenities, plus a purpose-built £3m Archaeology Building, with state-of-the-art facilities for teaching and research.

Southampton General Hospital

Three miles west of Highfield is one of the country's leading teaching hospitals and the base for Medicine. The campus offers modern laboratories, computer suites, refurbished lecture theatres, catering facilities and a specialist Health Services Library.

National Oceanography Centre Southampton

Located on the city's waterfront, the National Oceanography Centre Southampton (NOCS) is one of the world's leading research centres for the study of ocean and Earth science and provides the focus for oceanography in the UK. The campus has its own fitness suite, sports hall and catering facilities, and is home to around 520 research scientists, lecturing and support staff, and over 700 students.

Winchester School of Art

Winchester School of Art is located 12 miles north of Southampton, close to Winchester city centre. The campus provides purpose-designed studios and workshops, an extensive specialist library, Students' Union facilities, a café and a well-stocked art supplies shop. The renowned Winchester Gallery is based on campus.

University of Southampton Malaysia Campus

Our new campus in Malaysia is scheduled to open in October 2012. It will have state-of-the-art facilities for engineering and full access to the learning resources at our campuses in the UK. For more information, see page 96.

Arts and culture

Our venues provide a rich and diverse mix of theatre, music and art, with activities and events to inspire and entertain. Three of the UK's leading arts venues are located on our Highfield Campus, while Winchester School of Art hosts the Winchester Gallery.

John Hansard Gallery

The John Hansard Gallery enjoys a worldwide reputation for contemporary art, with exciting and innovative shows by leading UK and international artists, as well as regular seminars, talks and workshops. Exhibitions range from painting and photography to video and installations. In spring 2011, the John Hansard Gallery co-hosted a major exhibition with the City Art Gallery on Andy Warhol, one of the giants of 20th century art. Admission is free for all.

www.hansardgallery.org.uk

The Nuffield Theatre

Recognised as a major force in British theatre, The Nuffield Theatre is funded by Arts Council England and the University, among others, and creates award-winning productions that frequently tour internationally. The theatre runs a full programme of classics, new plays and studio performances, and hosts some of the finest touring companies and stand-up comedians. As a student at the University, you can usually buy tickets at a reduced price.

www.nuffieldtheatre.co.uk

Turner Sims

Turner Sims is one of the UK's leading music venues. You can expect anything from New York jazz to African gospel choirs, virtuoso classical artists and traditional folk music. As a student, you will benefit from discounted admission for most events.

www.turnersims.co.uk

Winchester Gallery

The Winchester Gallery is a public venue within our Winchester School of Art. It shows contemporary and international work and its programme has an emphasis on new media and photography. From time to time, the programme includes material developed by the departments of Winchester School of Art.

www.southampton.ac.uk/winchestergallery

The Phoenix

Southampton's independent film society is hosted on campus in association with the University.

www.thephoenix.org.uk/films.html

Get involved

To get involved in a wide range of cultural clubs and societies, visit **www.socs.susu.org**

Cities of culture

Southampton and Winchester both have a rich variety of cultural attractions.

The Mayflower

The largest theatre in the south of England, The Mayflower stages West End musicals, ballet, traditional pantomime, operatic productions, comedy acts and evenings with celebrities.

Harbour Lights Picture House

This highly regarded art house cinema shows the best independent and world films.

Southampton Guildhall

From the Manic Street Preachers to Amy Winehouse, Lenny Henry to John Bishop, some of the biggest acts of the day play at this multi-purpose venue.

City Art Gallery

With more than 3,500 works of art, the gallery has been described by *The Independent* as 'one of the best places outside London to see British modern art and studio ceramics'.

Theatre Royal Winchester

With a dynamic programme of drama, music, dance and comedy, this historic theatre is a focal point for the cultural life of the region.

Festivals

The region also boasts a number of popular cultural festivals, including the Southampton Mela, a celebration of South Asian culture; the Winchester Hat Fair, Britain's longest running festival of street theatre and outdoor arts; and the annual Isle of Wight Festival.

Further information

To find out more about arts in the city, visit **www.southampton.ac.uk/about/arts**

The John Hansard Gallery co-hosted a major exhibition of nearly 200 works by Andy Warhol, one of the giants of 20th century art

Installation shot of ARTIST ROOMS: Andy Warhol exhibition at John Hansard Gallery, spring 2011

ARTIST ROOMS Tate and National Galleries of Scotland. Acquired jointly through The d'Offay Donation with assistance from the National Heritage Memorial Fund and the Art Fund 2008

Sporting excellence

Our impressive range of sporting facilities are among the best of any UK university. We have invested heavily in our Sport and Wellbeing Service to ensure that we can provide everything you need to develop your sporting abilities, or just to have fun – whatever your level of interest, experience or skill, from beginner to elite athlete.

Our facilities

The Jubilee Sports Centre is a state-of-the-art, £8.5m complex on the Highfield Campus. Postgraduate students can enjoy full access to the facilities by purchasing a membership card (£125 per year in 2011/12), which also entitles you to discounted rates on sports courses. Membership provides access to:

- six-lane, 25-metre swimming pool
- split-level gym, with 160 fitness stations – one of the largest facilities of any UK university
- magnificent sports hall, with eight badminton courts or two netball/volleyball/basketball courts
- indoor climbing wall
- four squash courts
- martial arts studio
- multi-purpose studio and activity room
- second sports hall for five-a-side football, cricket, handball, Frisbee and roller hockey

Our outdoor sports complex, just three miles from Highfield, includes:

- floodlit, synthetic pitches for hockey and football
- 20 grass pitches for winter and summer sports
- eight floodlit tennis courts
- training grids
- sports performance centre
- sports injury clinic
- pavilion, with 24 changing rooms and a bar

We offer an unrivalled range of water sports, and have fostered Olympic competitors and British Universities and Colleges Sport (BUCS) champions in sailing and windsurfing. We run a number of courses from our Boat Hard on the River Itchen.

www.southampton.ac.uk/sportandwellbeing

Outreach facilities

If you are living at Glen Eyre or Connaught halls of residence, you can also take advantage of on-site fitness facilities.

The University offers a scheme for students based in Winchester, Basingstoke or the Isle of Wight to purchase membership at local authority sports centres and receive a partial rebate. The resulting fees are equivalent to the cost of membership of the University scheme.

Sports bursaries and scholarships

The University Sports Bursary scheme encourages students with outstanding sporting ability to develop their full academic and sporting potential through financial and training support. Previous bursary recipients competed at the 2004 and 2008 Olympics and the 2006 and 2010 Commonwealth Games, bringing home a selection of medals.

We are the region's lead hub for the Talented Athlete Scholarship Scheme, which supports elite athletes who wish to progress with a formal academic course and maintain an involvement in performance sport.

www.tass.gov.uk

Athletic Union

The Athletic Union is part of the Students' Union, and caters for around 80 sports clubs – both competitive and recreational, from beginners to national level. We provide excellent sporting activities for our 5,000 members at a subsidised cost.

Off campus

Southampton Sports Centre, close to Highfield, includes a dry ski slope, all-weather pitches, cross-country routes, athletic tracks and tennis courts. Southampton Municipal Golf Course is alongside, and has two courses and a practice ground. The Quays Eddie Read Swimming and Diving Complex also offers a range of activities.

Southampton Football Club plays at the purpose-built, 35,000-seat St Mary's stadium, close to the city centre. Just a few miles from Southampton is The Rose Bowl, home to Hampshire Cricket Club, which hosts regular international games.

"I was already training in a local club and wanted somewhere I could keep up my training and where there was a good reputation. Southampton's taekwondo club in the Athletic Union is the oldest club and has been around for about 30 years."

Sheena Au Yeung
BSc Psychology, 2009; MSc Research Methods, 2010;
PhD Psychology, first year

Southampton and region

Southampton is a thriving modern city, steeped in history and culture, and is one of southern England's top leisure and cultural destinations.

A lively city

Close to the city centre, the University forms an integral part of this dynamic, multicultural city. Our location offers a vibrant mix of recreation, art, culture and entertainment – from restaurants, cafés, bars and nightclubs to cinemas, sports facilities, internationally acclaimed arts venues and one of the south of England's top shopping centres.

Southampton's parks make it the greenest city in southern England. The University is next to Southampton Common, a protected Site of Special Scientific Interest with extensive areas of public open space and managed woodland.

A connected city

Just over an hour from central London, Southampton has excellent transport links with the rest of the UK and internationally, by road, rail, sea and air. The city is serviced by two mainline train stations, with direct trains to London Waterloo and within easy reach of the Eurostar at St Pancras International. Southampton Airport offers regular flights to UK and major European destinations. Our own award-winning uni-*link* bus service connects all Southampton campuses and halls of residence, the city centre, the airport and both railway stations.

Less than half an hour from Southampton is the New Forest National Park, with vast open heathland and beautiful forest. The newly established South Downs National Park is also nearby. The resorts of Bournemouth and Poole are just down the coast, while a short ferry ride takes you to the Isle of Wight, which hosts Cowes Week, the largest and most prestigious international sailing regatta in the world.

Southampton offers a vibrant mix of recreation, culture and entertainment

A historic city

Southampton has a fascinating history. It was from here in 1415 that Henry V set sail for Agincourt. The Pilgrim Fathers first set sail from here in 1620 on their historic journey to the New World, and the ill-fated *Titanic* sailed from Southampton in 1912. Southampton has a rich aviation heritage, with the Spitfire, the fighter aircraft that won the Battle of Britain, developed in the region in the 1930s.

As well as an area of outstanding natural beauty, the New Forest has a fascinating history. Created in 1079 by William the Conqueror as an area for hunting deer, it became an important source of timber for the Royal Navy. Today the forest retains many historical rural practices, such as pasturing of ponies, cattle, pigs and donkeys in the open forest by local inhabitants, known historically as the 'commoners'.

A modern city

Today, Southampton has one of the biggest commercial ports in Europe, and the city is known across the world as the home of the giant cruise liners, *Queen Mary 2* and *Queen Victoria*. Its coastal location means that Southampton offers a vast range of opportunities for sport and leisure, with waterfront marinas and a major focus on water sports, sailing and ocean racing. The city hosts the largest on-water boat show in Europe – the annual PSP Southampton Boat Show. Southampton is a great city in which to settle and work, with premium waterside living, quality suburbs and lively leisure opportunities. Many large high-profile organisations operate within the city region.

Winchester

The historic city of Winchester – England's ancient capital – is just 12 miles north of Southampton, and is home to the University's internationally renowned Winchester School of Art. Popular for its bustling shopping streets and spectacular architecture, Winchester is perhaps best known for its 11th century cathedral and the Great Hall, which houses the mysterious Round Table of King Arthur. The city's rich cultural heritage is complemented by a lively atmosphere and a wide variety of pubs and restaurants, museums, theatres and galleries.

International postgraduates

The University has a thriving, diverse international community, welcoming thousands of EU and international students from more than 130 countries.

We offer a comprehensive range of support services to help you settle into life in the UK and at the University. Our aim is to ensure that your experience throughout your time at Southampton is a positive and rewarding one.

International Office

Staff from our International Office attend educational exhibitions around the world and make numerous visits overseas and to colleges in the UK. We provide advice and information to anyone who is considering applying to Southampton. Our aim is to make the process of joining the University as simple as possible.

You will find a quick introduction to the University on our website, which is also available in other languages. You can also view web pages dedicated to more than 30 specific countries, with information about entry requirements, details of student societies at the University, overseas representatives and other useful links.

www.southampton.ac.uk/international/countrypages

Applying

We are experienced in dealing with applications from international students and are familiar with qualifications from around the world. Information about general entry requirements and the application process is provided on page 40, and in the Key facts section for each programme.

English language requirements

If English is not your first language, you will need to demonstrate that you have reached a satisfactory standard in an approved English language test. General information about approved tests can be found on page 40 or online.

www.southampton.ac.uk/entryrequirements

If you have at least 5.0 IELTS and need to improve your English language skills before enrolling on your chosen programme of study, you can apply to our pre-sessional English language courses.

www.southampton.ac.uk/international/english

Split-site PhD

It is possible to arrange split-site PhDs in some of our academic units. This involves spending a minimum of 12 months in the UK and the remaining time in your home country. For more information, contact the academic unit you are interested in.

Fees and scholarships

We offer a range of scholarships for international postgraduate students, and we collaborate with funding organisations in many countries. Information about fees and living costs, scholarships and other funding is provided on page 41 and online.

www.southampton.ac.uk/intscholarships

Support

We have three specialist academic advisors, whose role is to support our international students with their studies. In addition, our visa guidance advisors can offer impartial advice on immigration and visa renewals. The Students' Union Advice and Information Centre (SUAIC) provides cultural and personal support, and organises trips around the region.

Our Centre for Language Study offers a variety of courses and support for our international postgraduate community. We run year-round intensive and summer pre-sessional English language courses and online courses. English language support courses are provided free of charge throughout the year for postgraduates. More information is provided on page 45.

Accommodation

We guarantee accommodation to all new international postgraduates from outside the EU for the first year of study. You may also be entitled to accommodation for the entire duration of your course (conditions apply). For information about our halls of residence and the support we provide to help you find accommodation, see page 36.

www.southampton.ac.uk/international/int_accommodation

International Welcome Programme

We encourage all new international postgraduates to register for our Welcome Programme, specifically designed for our international students. This takes place in September each year and includes general events to introduce you to the University, events to begin your academic induction, and a range of social and cultural activities. The programme offers practical information and presents an opportunity to meet staff and other students.

"To make your dreams come true is never too great an aspiration while studying at Southampton. I have had excellent academic support and fantastic opportunities to make a positive difference to people's lives, from mentoring school pupils to hosting community radio shows."

Pavan Sriram
PhD Aeroacoustics, first year

On certain dates before the beginning of the academic year, we arrange to meet new international students from London Heathrow Airport (Meet and Greet Service). Our representatives will be there to meet you and transport you directly to the University for the Welcome Programme.

www.southampton.ac.uk/welcome

Visas

For immigration purposes, you may need to obtain a valid visa for study in the UK. You will need to provide proof that you have been accepted to study at the University, and that you are able to support yourself financially for the duration of your programme. If you are a new postgraduate student and you are subject to immigration control, you must check whether you also need an Academic Technology Approval Scheme (ATAS) certificate.

Our Visa Guidance Team can provide advice regarding student visas, police registration and working in the UK.

www.southampton.ac.uk/visas

Employability

The University is committed to enhancing the employability of all our students. We offer specialised conferences and seminars to support our international student community. Our Career Destinations centre holds information to help students find employment in the UK and around the world, with job-seeking strategies and application tips specific to individual countries. Further details of the comprehensive support offered by Career Destinations is provided on pages 42 and 45.

www.southampton.ac.uk/careers

Contact us

International Office
Tel: +44 (0)23 8059 9699
Email: international@southampton.ac.uk

www.southampton.ac.uk/international

Accommodation

With 20 halls of residence and first-class facilities it's no wonder our halls are so popular.

University of Southampton Accommodation Exit Survey, 2010

Types of halls

With more than 5,000 places in over 20 halls, we provide a wide variety of living arrangements, all offering excellent value for money. Our halls vary in size, character and facilities, but they all provide the same high-quality accommodation in a safe, diverse and inclusive environment. We have accommodation specifically for postgraduates, from standard packages to self-catered studio flats. We also have a limited number of properties suitable for couples and families.

Benefits of living in halls

- All our halls are within easy reach of campus sites, either on foot, by bike or through our uni-*link* bus service.
- All utility bills, internet connection and the cost of the uni-*link* bus pass (if based in Southampton) are included in your accommodation fees.
- All our halls offer a safe and secure environment, with secure entry to buildings, 24-hour security on all sites, a Residential Support Service, plus smoke detection equipment and alarms.
- Rooms have their own telephones and high-speed internet connection.
- Each hall has access to laundry facilities and food shops either on site or nearby.
- You can enjoy a wide range of amenities, including sports facilities, junior common rooms, computer rooms, TV and games rooms, bars and shops.

Eligibility for halls

International postgraduate students

If you are a full-time, registered international postgraduate student, you are guaranteed an offer in halls for your first year of study, provided that you are unaccompanied, live outside Southampton and we receive your accommodation application by the advertised deadline. You may also be entitled to accommodation for the entire duration of your course; for full details of our accommodation guarantee, visit our website.

UK/EU postgraduate students

If you are a UK or EU student, we welcome your application for a place in halls, which we allocate subject to availability. If we are unable to offer you a place in halls, we can give you help and advice on securing private rented accommodation.

For full details on applying for halls accommodation, including prices and what to do if you are bringing your partner and/or children with you, please visit our website.

Private rented accommodation

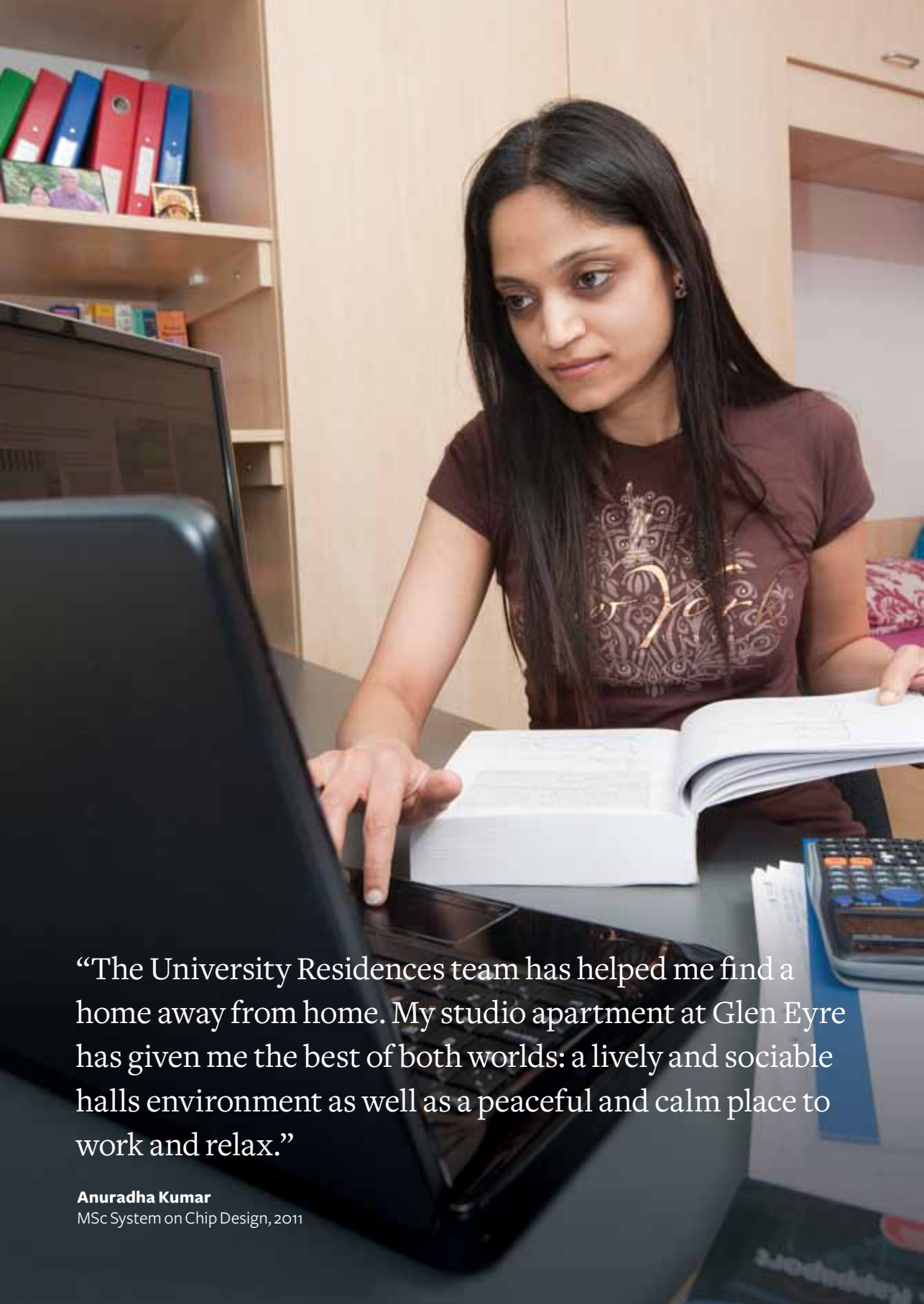
We can also give you help and advice on finding accommodation in the private rented sector.

For more information, visit **www.southampton.ac.uk/accommodation/privaterented**

Contact us

University Residences
Tel: +44 (0)23 8059 5959
Email: accommodation@southampton.ac.uk

www.southampton.ac.uk/accommodation



"The University Residences team has helped me find a home away from home. My studio apartment at Glen Eyre has given me the best of both worlds: a lively and sociable halls environment as well as a peaceful and calm place to work and relax."

Anuradha Kumar
MSc System on Chip Design, 2011

Funding your studies

You will need funding confirmation before registering as a postgraduate student. We advise that you contact the academic unit in which you wish to study for information about awards from research councils and other sponsors that may be currently available.

Funding guides

The following guides are a selection of references on funding for prospective postgraduate students:

- *The Grants Register* is the most authoritative and comprehensive guide to postgraduate grants and professional funding worldwide, published by Palgrave Macmillan. **www.palgrave.com**
- *The Prospects Postgraduate Funding Guide* provides information on sources of funding available to UK, EU and international students. The publication can be ordered online. **www.prospects.ac.uk**
- *Sources of Funding for International Students* is a helpful guide, available as a PDF through the British Council website. **www.britishcouncil.org/learning-funding-your-studies.htm**

Studentships

Details of current PhD and EngD studentships are advertised on the University's job opportunities web page. **www.southampton.ac.uk/jobopps**

Sponsorship

Sponsorship is available for some masters and doctoral programmes.

- Knowledge Transfer Partnerships (KTPs) can provide the opportunity to study for a higher degree (masters or doctorate) while working in a company, managing a project of strategic significance. **www.southampton.ac.uk/ktp**
- Our Engineering Doctorate (EngD) is a four-year doctoral programme, with an enhanced stipend and research which is directly relevant to industry. **www.southampton.ac.uk/idtc**
- Many of our masters programmes offer bursaries, a number of which are course-specific. Full details are available from the relevant academic unit.

Further information

To find out more about funding your studies, visit **www.southampton.ac.uk/postgradfunding**

Funding bodies and scholarships

Externally funded awards

Association of Commonwealth Universities
A range of scholarships offered to students from Commonwealth countries who wish to pursue postgraduate studies in the UK. **www.acu.ac.uk**

British Federation of Women Graduates (BFWG)
Charities administered by the BFWG have limited funds to make awards to women graduates undertaking doctoral research in England, Wales or Scotland. **www.bfwg.org.uk**

Chevening Scholarships
These are open to talented international students who wish to study in the UK, usually for a postgraduate diploma or masters degree. Information is available from the British Council in your country. **www.chevening.com**

University-funded awards

Country or subject-specific awards
Some academic units and funding bodies offer bursaries or scholarships to students from certain countries, or those studying certain subjects. Details are available at **www.southampton.ac.uk/intscholarships**

Research contracts
We receive high levels of funding from external bodies specifically for postgraduate researchers. Further information is available from the postgraduate admissions tutors in each academic unit.

University of Southampton postgraduate studentships
We offer a wide variety of postgraduate scholarships and bursaries across the University for UK/EU and international students. Full details are available from academic units.

UK research councils

- Research Councils UK (RCUK) www.rcuk.ac.uk
- Arts and Humanities Research Council (AHRC) www.ahrc.ac.uk
- Biotechnology and Biological Sciences Research Council (BBSRC) www.bbsrc.ac.uk
- Economic and Social Research Council (ESRC) www.esrc.ac.uk
- Engineering and Physical Sciences Research Council (EPSRC) www.epsrc.ac.uk
- Medical Research Council (MRC) www.mrc.ac.uk
- Natural Environment Research Council (NERC) www.nerc.ac.uk
- Science and Technology Facilities Council (STFC) www.scitech.ac.uk

Whatever your subject, the University of Southampton is an enriching place to learn

Applying

General entry requirements

To apply for postgraduate study you must satisfy the general entry requirements of the academic unit and any specific requirements of your chosen programme. These are set out in the Key facts section for each programme in this prospectus and online. As well as academic qualifications and practical experience, we look for evidence of your interest in the course and an understanding of the rigorous demands of postgraduate study.

The University welcomes international applicants with country-specific qualifications. For more details and for a full list of English language requirements by course, visit www.southampton.ac.uk/international/entry_reqs

If English is not your first language, you will need to demonstrate suitable proficiency for postgraduate study (see English language requirements section below).

How to apply

Applications for research and taught programmes are made using our online application form.

In addition to completing the online application process, most programmes have additional application requirements (such as a copy of your transcript), and some have specific application deadlines related to teaching timetables and funding opportunities. These requirements are set out in the Key facts section for each programme in this prospectus and online.

www.southampton.ac.uk/pgapply

English language requirements

If English is not your first language, you will need to reach a satisfactory standard in an approved English language test. This is to demonstrate that you have sufficient command of both written and spoken English to enable you to enjoy the full benefits of your proposed degree programme. The required qualification in English language should normally have been obtained within the last two years. Tests currently approved are:

– British Council/Cambridge IELTS
– TOEFL
– internet-based TOEFL

These are normally acceptable at the following grade/score levels.

Usual requirements			
IELTS*	TOEFL paper-based test	Computer-based TOEFL	Internet-based TOEFL
6.5	580	237	92

Some academic units have higher requirements: for further information, please visit www.southampton.ac.uk/entryrequirements			
IELTS*	TOEFL paper-based test	Computer-based TOEFL	Internet-based TOEFL
7.0	617	260	105

*IELTS qualification must include the Academic Reading and Writing modules. Although overall grade is stated, requirements for the particular components of listening, reading, writing and speaking may vary.

Admissions policy

1. The University of Southampton will:

– recruit students from a wide range of backgrounds, who we believe have the potential to complete their programmes successfully and make a valuable contribution to university life
– attract applicants who enjoy the challenge of forward thinking, the excitement of research findings in their programmes and the high standards of learning and teaching we set ourselves
– foster a diverse learning community in which our students will meet people from different cultures, thereby enhancing their skills of critical reasoning, teamwork and communication, and thus preparing them for successful participation in their chosen careers and roles

2. The University is committed to a system of admissions that ensures fairness, transparency and equal opportunities within the legal framework of the UK and best practice. All reasonable effort will be made to ensure that no prospective or existing student is unreasonably treated less favourably on the grounds of age, race, colour, nationality, ethnic origin, creed, disability, sexual orientation, gender, marital or parental/carer status, political belief or social or economic class, or any other type of discrimination.

Contact us

Tel: +44 (0)23 8059 4732
Email: admissions@southampton.ac.uk
www.southampton.ac.uk/pgapply

Fees and living costs

Tuition fees

As a postgraduate student, you will need to pay annual tuition fees to the University for your programme of study. These vary according to the type of programme you choose (eg research or taught; classroom-, laboratory- or workshop-based; clinical). Specific fees information is set out in the Key facts section for each programme in this prospectus. Fees charged for full-time, non-EU international students include the full cost of tuition, examinations, Students' Union membership and research support expenses, where applicable.

At the time of publication, details of fees payable by UK/EU students for the 2012/13 academic year were not available for all courses. Unless otherwise stated, fees noted in this prospectus for UK/EU students are for 2011/12 entry and may be subject to increase for 2012/13. Unless otherwise stated, fees noted for international students are for 2012/13 entry.

Some courses have non-standard fees, which are set by the individual academic unit. Not all of the non-standard fees for 2012/13 were available at the time of publication; please contact the individual academic unit directly for details of non-standard fees.

Fees payable by students from the Channel Islands and the Isle of Man are set annually by the islands' governments, and UK universities are typically notified of the levels in the spring prior to the next academic session. Fees for the academic year 2011/12 can be found at **www.universitiesuk.ac.uk/policyandresearch/policyareas/funding-and-management/island-fees**

The table below offers a general guide to the University's postgraduate tuition fees. For the most up-to-date information on tuition fees, visit **www.southampton.ac.uk/pgfeesandfunding**

		UK/EU 2011/12	International 2012/13
Taught courses	PGCE	£3,375 (full-time), £1,490 (part-time)	£12,500 (full-time), £6,250(part-time)
	Classroom-based	£4,500 (full-time), £2,250 (part-time)	£12,500 (full-time), £6,250 (part-time)
	Laboratory-based	£4,500 (full-time), £2,250 (part-time)	£15,800 (full-time), £7,900 (part-time)
Research programmes	Classroom-based	£3,732 (full-time), £1,866 (part-time)	£12,500 (full-time), £6,250 (part-time)
	Laboratory-based	£3,732 (full-time), £1,866 (part-time)	£17,400 (full-time), £8,700 (part-time)

Fees status

Registry Services
Tel: +44 (0)23 8059 4732
Email: feesclassification@southampton.ac.uk
www.southampton.ac.uk/postgradfees

The University is required to classify your fees status in accordance with the Education (Fees and Awards) (England) Regulations 2007. The amount you will have to pay depends on a number of criteria – details are available from the UK Council for International Student Affairs (UKCISA), which provides free advice and information to international students studying in the UK.

Publicly funded educational institutions charge two levels of fee: the lower 'home' fee and the higher 'overseas' fee. There are certain categories of students who must be charged the home fee. More information is available on the UKCISA website **www.ukcisa.org.uk**

Overseas (international) fees apply if you do not meet the criteria for UK/EU (home) fees. Further details are available at **www.southampton.ac.uk/postgradfeestatus**

Living costs

In addition to tuition fees, you will need to consider how to cover your living costs, including accommodation, study materials and social activities. The estimated annual costs of living in Southampton are approximately £7,700 in 2011/12 for a postgraduate student. This includes accommodation, food, clothes, books and other personal expenditure.
To work out your living costs with our finance calculator, visit **www.southampton.ac.uk/calculator**

Temporary work

If you would like a temporary job to help with your living costs, our Temp Bank service advertises part-time, temporary jobs available with the University. For further details, email tempbank@southampton.ac.uk

Career Destinations also has an online job shop. For more information, go to **www.southampton.ac.uk/careers** and click on 'e-jobs'.

Please note: international students are allowed to work up to 20 hours per week during term time according to student visa regulations.

Planning your career

Where you choose to study is of key significance for your future career options. As well as pushing the boundaries of knowledge in your chosen field, at the University of Southampton you will have the opportunities to develop the attributes that are vital for success in today's global employment market.

Record of success

The University will provide you with an extensive support network, both during and after your time at Southampton. Whatever career path you decide to follow, you will be able to move on with a wealth of skills and experience.

Our postgraduates have a reputation for excellence and an impressive record of success in entering a wide range of organisations; just a few examples are Accenture, the Home Office, the NHS, British Airways and the British Antarctic Survey. Postgraduate study at Southampton offers global opportunities, with many of our postgraduate students going on to careers in international organisations such as NASA, the European Central Bank, and research and teaching posts at universities across the world.

Our postgraduates have an excellent record of finding employment after graduation: of our postgraduate students who graduated in 2008/09 and were available for work, 94 per cent were either employed or undertaking further study after graduation.

Postgraduate study makes good sense financially: research conducted by the Higher Education Statistics Agency showed that six months after graduating, average postgraduate salaries were £5,500 to £7,500 higher than for those with a first degree alone.*

Enhancing your employability

At Career Destinations, the University's dedicated careers service, we offer a range of services for our postgraduate students, including web resources for career development, advice on planning your career, employer presentations, mock interviews and CV skills workshops. For more information about the services we offer, see **www.southampton.ac.uk/careers/employability**

Academic qualifications are vitally important to your success; however, it is often the skills you develop during your studies that help make you stand out from the crowd. During your postgraduate degree we will help you gain the transferable skills – such as independent thinking, problem solving and teamwork – that employers really value.

In addition, we offer internship and placement opportunities for our students with a wide range of local, national and international employers. Taking part in an internship scheme will enable you to develop practical skills such as project management, data analysis and effective communication in the workplace.

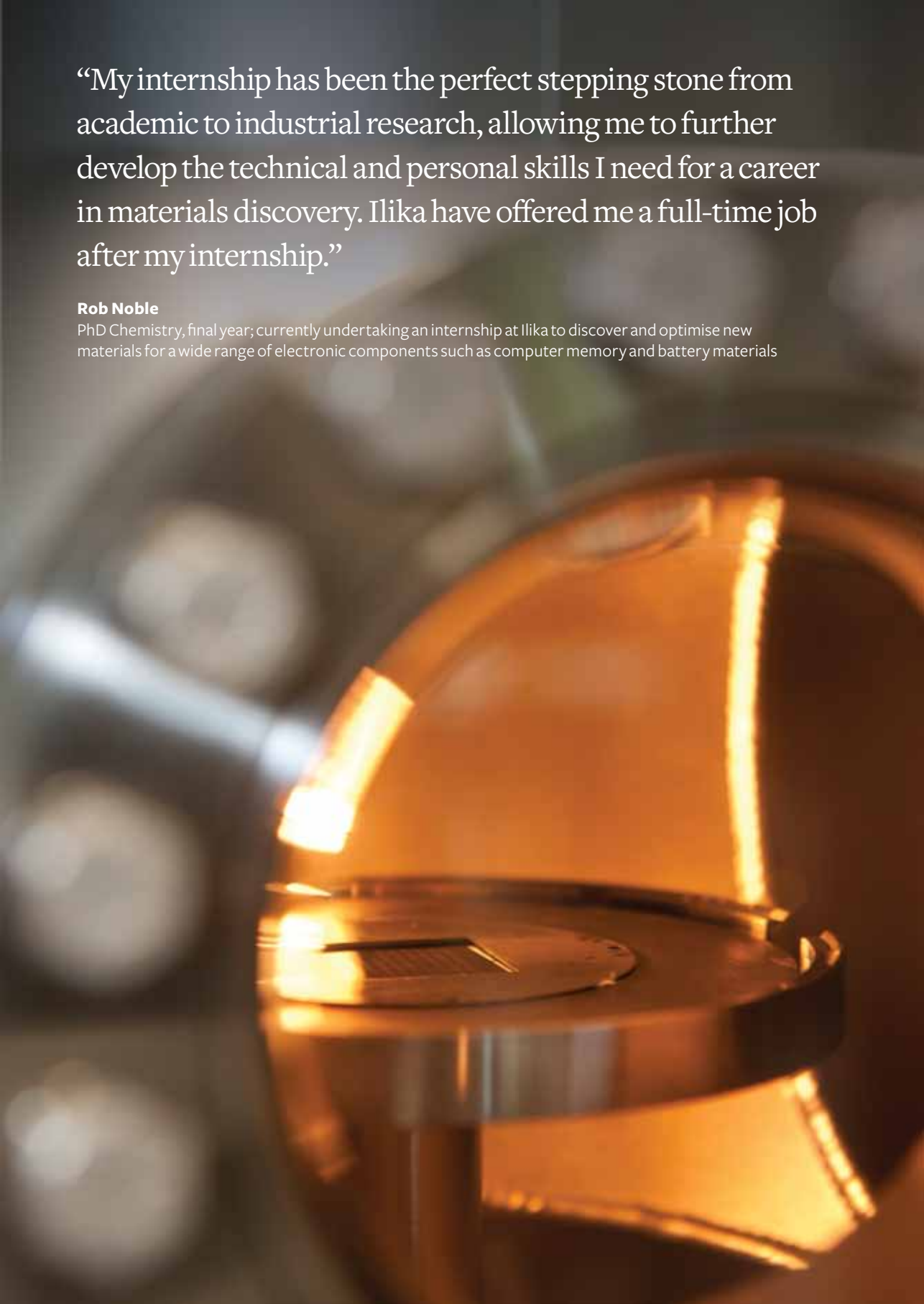
We also offer our Graduate Passport, an active development programme that enables you to plan career-related activities, such as work placements, over the duration of your studies. The Graduate Passport will help you to develop and reflect upon the skills you have attained throughout your studies and extracurricular activities, leading to a recognised achievement record.

For more information about the services available at Career Destinations, see page 45.

Further information

To find out more about Career Destinations, visit **www.southampton.ac.uk/careers**

* Destinations of Leavers from Higher Education Survey, which includes postgraduate students from the UK and EU.



"My internship has been the perfect stepping stone from academic to industrial research, allowing me to further develop the technical and personal skills I need for a career in materials discovery. Ilika have offered me a full-time job after my internship."

Rob Noble
PhD Chemistry, final year; currently undertaking an internship at Ilika to discover and optimise new materials for a wide range of electronic components such as computer memory and battery materials

Services

From the moment you arrive, we will provide you with all the support and advice you need to make the most of your life here.

As a postgraduate student at Southampton, you will have ongoing support from your tutor or supervisor, and can call on our extensive network of services for any additional advice or support you need.

Accommodation

For information about our range of accommodation, see page 36.

Alumni

As a Southampton graduate you will join a worldwide community of 170,000 alumni in more than 147 countries. In addition to the benefits of contact with past, present and future graduates, this global community provides access to University facilities, invitations to reunions and significant networking opportunities.

www.southampton.ac.uk/alumni

Ancillary Learning Support Service

We provide learning support if you have a disability or health condition and need additional assistance with academic tasks. This support is tailored to meet your needs and includes note-takers, library support and general assistance. You must be referred through Enabling Services or Dyslexia Services.

Tel: +44 (0)23 8059 2441
Email: learningsupport@southampton.ac.uk

Applying

For information about applying to the University, see page 40.

Assistive Technology Service

If you have a specific learning difficulty or disability, the Assistive Technology Service can provide:

– enhanced computers and specialised software
– individual IT training sessions

www.southampton.ac.uk/ats

Campuses

For information about our campuses, see page 27.

Campus tours

The University of Southampton runs campus tours throughout the summer and Easter vacations, and during half-term in October.

These tours are led by current students and give you the chance to see the Highfield Campus and a hall of residence. For further details, visit **www.southampton.ac.uk/visit**

Winchester School of Art offers regular campus tours for prospective students. For details of open days, go to **www.southampton.ac.uk/art**

Independent visits

If you are unable to attend any of our events, you are welcome to visit at any time. A walking tour leaflet of the main Highfield Campus is available from the University main reception (Building 37) and from the Students' Union reception (Building 40). For further details, go to **www.southampton.ac.uk/visit**

If you would like to visit the University at another time, please contact the relevant academic unit.

The International Office can assist international and EU students who would like to visit the University.

Tel: +44 (0)23 8059 9699
Email: international@southampton.ac.uk

Career Destinations

Career Destinations provides guidance and information to all Southampton students and graduates. Whether you need advice on maximising your graduate skills, or finding the best jobs and opportunities, we can give you the assistance you need. We offer:

- advice on career planning and developing your employment skills
- access to careers fairs, employer presentations and employer directories
- excellent business connections to help you gain vital work experience
- key skills workshops covering CV writing, psychometric tests and interview techniques
- access to a careers information centre and online vacancy database (where more than 2,000 employers advertise positions)
- mock interviews with leading graduate recruiters
- an interactive website providing information and advice
- advice on self-employment and entrepreneurship
- career mentoring and volunteering opportunities

www.southampton.ac.uk/careers

Centre for Language Study

With the Centre for Language Study (CLS), you can study one of up to 15 languages as a component of your degree, as an evening course, or as a lunchtime taster session. Languages on offer may include: Arabic, Chinese, English as a foreign language, French, German, Japanese, Latin, Russian, Spanish and Portuguese. You will be able to study at one of seven language stages, from beginner to near-native speaker, depending on your level.

We also offer in-sessional English language and study skills support classes for those students whose first language is not English, as well as a one-to-one advisory service, and year-round and summer pre-sessional courses.

If you prefer to study independently, you can use the facilities of the Language Resources Centre at the Avenue Campus where you will have access to a wide range of up-to-date multiple media language learning materials, many of which are online. Resources include: off-air recordings, foreign language newspapers and magazines, satellite TV, reference materials, course books and language learning software. If you would like help and advice from one of our language advisors, you can choose from face-to-face or online support.

www.southampton.ac.uk/cls

Counselling Service

We provide University staff and students with confidential, professional support across a range of personal and academic issues. Our reception at Highfield is open throughout the week. Appointments are also available at St Mary's Hospital, Portsmouth, and on campus at Winchester School of Art.

Tel: +44 (0)23 8059 3719
Email: counser@southampton.ac.uk
www.southampton.ac.uk/studentsupport/counselling

Doctors and dentists

At Southampton we make your health and wellbeing a priority. There are two health practices based at the Highfield Campus, both offering NHS practitioners. There are also several local practices. You can find a full list of surgeries at one of the following websites.

www.nhsdirect.nhs.uk
www.unidocs.co.uk
www.highfieldhealth.nhs.uk

Full-time international students who are in the UK for longer than six months are entitled to free health cover under the NHS.

Dyslexia Services

Dyslexia Services offers advice and support if you are dyslexic or have another learning difficulty (or difference), such as dyspraxia. Screening and full assessments can be arranged. Trained dyslexia tutors can provide individual academic study skills tutorials and make recommendations for special examination arrangements. It is essential that you register with Dyslexia Services in order to organise any special examination arrangements.

Tel: +44 (0)23 8059 2759
Email: dyslexia@southampton.ac.uk
www.southampton.ac.uk/dyslexiaservices

Early Years Centre

Our Early Years Centre is situated on the Highfield Campus. It provides a stimulating and caring environment for children aged between four months and five years.

Tel: +44 (0)23 8059 3465
www.southampton.ac.uk/nursery

Enabling Services

If you are disabled or have a health condition, mental health difficulty or temporary disability, it is essential that you register with the Enabling Services. We can provide information and advice on a wide range of topics including additional examination arrangements, specialist equipment and other reasonable adjustments to support teaching and learning. We can also help you to apply for disability-related funding such as the Disabled Students' Allowances (DSA).

The mentor team can help you if your studies are being affected by long-term health difficulties. The mentors offer regular and individually tailored support with planning and organising workload, supporting morale and motivation, and developing study strategies.

Contact Enabling Services for more information, to discuss your support needs or to arrange a visit.

Tel: +44 (0)23 8059 7726
Email: enable@southampton.ac.uk (disability enquiries)
Email: mentors@southampton.ac.uk (mentoring enquiries)

www.southampton.ac.uk/studentsupport

Financial information and assistance

The main contact point for funding information, advice and assistance is the Student Services Centre at Highfield, and we also have a representative on campus at Winchester.

Tel: +44(0)23 8059 3287 (Southampton)
Tel: +44 (0)23 8059 6970 (Winchester)
www.southampton.ac.uk/sais/sfo

First Support Team

The First Support Team is dedicated to being the first point of contact and support for students during times of crisis. Anyone concerned about a student may contact us.

Tel: +44 (0)23 8059 7488/4822
Email: firstsupport@southampton.ac.uk
www.southampton.ac.uk/studentsupport/wellbeing

IT and computing facilities

There are more than 2,000 computer workstations, together with many internet cafés, across our campuses and halls of residence.

Rooms dedicated for student use offer printers, scanners and CD/DVD writers; extensive general and course-specific software, including software for e-learning and specialist software to support the Assistive Technology Service.

Wired and wireless high-speed internet connections are provided in many campus locations. All rooms in our halls of residence have high-speed internet connections. Our IT services can be accessed off-campus.

Southampton has long been a pioneer in the provision of local high-performance computing facilities for research students and staff. The University is committed to an investment programme that will maintain our world-class computational facilities. Our supercomputer, which has the power of 4,000 PCs, is one of the the fastest university-owned supercomputers in Europe. This investment has vastly increased the computing power of our entire research community at a time when computational simulation and analysis are becoming ever more important research tools.

Access to such facilities will enable you to acquire the advanced computer modelling skills you will need for a future career in hi-tech industry or research.

iSolutions provides and supports the University's information communications technology (ICT) and virtual learning infrastructure. Specialist staff support a full range of services, and computer-based training is available to all students.

www.southampton.ac.uk/isolutions

Mature students

Today, more and more people are considering higher education at a later stage in life, for a wide range of reasons. Studying for a degree is a rewarding experience at any age and we are committed to supporting you throughout your studies. If you are over 21 (23 for Law), our entry requirements are more flexible, with each application considered on individual merit (see page 40 for general information on how to apply and contact details).

The Students' Union organises a welcome event for postgraduate students before the start of term. This is an opportunity to meet your postgraduate representatives as well as other postgraduates.

Nightline

Our student-run confidential and free Nightline service provides information, emotional support and a listening ear from 8pm right through to 8am during term time.

www.nline.susu.org

Postgraduate fairs in the UK and abroad

Attending a postgraduate fair is a great way to find out more about the range of taught and research programmes available here at Southampton. We attend several postgraduate fairs around the UK; for more information, visit www.southampton.ac.uk/schoolsandcolleges/postgraduate/fairs.html

If you are based outside the UK, our International Office team would be happy to meet you at one of the many educational fairs they attend around the world every year. They can also give you advice on our postgraduate courses. For details, visit www.southampton.ac.uk/pgfairsinternational

Religion – a place for every faith

The Chaplaincy Centre welcomes people of all faiths. We provide free tea and coffee, wireless internet and a busy social calendar of events. There is a separate Muslim prayer room with washing facilities on campus.

The Centre is open every weekday during term time, for regular services and private prayer. You may like to join one of the many student-led groups of different faiths who use the Centre.

Whatever your religion, you will find a place to worship, either on or off campus.

www.southampton.ac.uk/chaplaincy

Researcher Development and Graduate Centre

The Researcher Development and Graduate Centre has been established to enhance the University's central provision for research students. Working alongside the academic disciplines, the Centre fosters best practice in researcher development and delivers a range of skills training and personal development opportunities to meet the needs of research students from across the University.

www.southampton.ac.uk/gradschools

Sports

The University has invested heavily in an impressive range of facilities to ensure that, whatever your level of interest, experience or skill, our Sport and Wellbeing service can provide everything you need to develop your sporting abilities. To make full use of these facilities, you can join Sport and Wellbeing, which offers great value at only £125 per year (2011/12).

www.southampton.ac.uk/sportandwellbeing

Student Services Centre

Our purpose-built Student Services Centre is at the heart of the Highfield Campus. The Centre's friendly and dedicated team offer support and advice, and will help you with any queries on student-related subjects, such as fees, accommodation and admissions.

Tel: +44 (0)23 8059 9599
Email: ssc@southampton.ac.uk
www.southampton.ac.uk/ssc

The University's Visa Guidance Team can provide advice on immigration issues.

www.southampton.ac.uk/visa

Students' Union

For more information, see page 26.

Students' Union Advice and Information Centre

Our advisors offer free, confidential and impartial advice on matters including student finance, debt management and budgeting, advice about changing or leaving your course, housing advice and consumer rights. We can also provide representation at academic appeals and disciplinary hearings, and offer support and guidance for any student dissatisfied with any aspect of their University experience. We provide a free monthly legal surgery, during term time only.

We also offer English classes for the partners of international students.

Tel: +44 (0)23 8059 2085
Email: suaic@susu.org
www.info.susu.org

Studying abroad

You can choose to broaden your University experience by taking the opportunity to spend at least three months studying in Europe with the Erasmus scheme. We are also a founder member of the Worldwide Universities Network (WUN), an international partnership of research-intensive universities across the globe. WUN offers opportunities for PhD students to carry out a period of their research abroad.

www.southampton.ac.uk/international/erasmus

Transport

Wherever you are based, you will never be far away from campus facilities, most of which are within walking or cycling distance. Our award-winning uni-*link* bus service connects the Southampton-based campuses and halls of residence, the city centre and local transport links throughout the day.

Most campuses lie within the city's extensive, 29km cycle route network, and the campus cycle path provides a safe and convenient route through the Highfield Campus.

Just over an hour from central London by train, Southampton has excellent transport links with the rest of the UK and internationally, by bus, rail, sea, road and air. The city is serviced by two mainline train stations and its own airport, with regular flights to UK and major European cities.

The University encourages and supports sustainable travel by staff and students.

For more information, visit www.southampton.ac.uk/transport

Wessex Needs Assessment Centre

The Wessex Needs Assessment Centre provides specialist study needs assessments and information communications technology (ICT) training for disabled students. If you have a disability, mental health condition or specific learning difficulty such as dyslexia and are eligible for Disabled Students' Allowances (DSA), our recommendations can include computer equipment, ICT training, study aids and specialist support.

Tel: +44 (0)23 8059 7233
Email: wessexdsa@southampton.ac.uk
www.southampton.ac.uk/educationsupport/wnac

Archaeology at Southampton is broad and multidisciplinary, with strong links to other subject areas, including geography, oceanography, arts and other humanities subjects.

Research centres

Research programmes 49

Taught/research programmes 50

Taught programmes 50

Contact

Postgraduate enquiries:
Tel: +44 (0)23 8059 8062
Email: pghums@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/archaeology

Professor Clive Gamble

Professor Gamble founded the Centre for the Archaeology of Human Origins during his time at the University of Southampton, 1975 to 2004. He returned to research and teach here in 2011.

Clive recently co-directed the British Academy Centenary Research Project, Lucy to Language – the Archaeology of the Social Brain, and is author of several books, including *The Palaeolithic Societies of Europe*, which won the Society for American Archaeology Book Award in 2000, and more recently *Origins and Revolutions* (2007).

Clive says: "Understanding human evolution is one of the greatest interdisciplinary challenges you can find. It also gives you a reason to travel the world."

Sarah Coxon

Sarah's PhD focuses on European Bronze Age ceramic craft. She is funded by HERA (Humanities in the European Research Area).

Sarah says: "I have thoroughly enjoyed my time at Southampton. There is such a friendly, lively, diverse and encouraging research environment here. Archaeology at Southampton is one of the leading departments in the UK and has supported my research into creativity in European Bronze Age ceramic craft in numerous ways. In particular, the strong emphasis on archaeological theory has fostered my interest in prehistory, identity and the role of material culture in people's lives."

Archaeology

Academic staff: 39

Postgraduate research students: 59

RAE rating: 2.80 (2008)

Location: Avenue Campus

Internal links: National Oceanography Centre Southampton (NOCS); Electronics & Computer Science (ECS), Geography, Mathematics

External links: English Heritage; Mary Rose Trust; Wessex Archaeology; British School at Rome

Resources: Purpose-built £2.7m Archaeology building; laboratories for computing, ceramics, lithics, human bone and animal bone analysis; English Heritage-funded Archaeological Lithic Resource; the Centre for Maritime Archaeology and the Centre for the Archaeology of Human Origins have their own study and analysis laboratories; specialist collections of pottery, bones and lithics; dedicated postgraduate study areas, with on-site computer workstations

Our interests are wide-ranging, from human evolution to the politics of the past, embracing prehistoric to modern periods, with a geographic range that includes Britain, eastern and western Europe, Africa, the Pacific and the Americas.

Research areas

– Archaeology of the Roman Provinces
– Art, Representation and Heritage
– Artefact Studies and Analyses
– Maritime Archaeology
– Social Archaeology of Later Prehistory

Staff

Dr Jon Adams (Director, Centre for Maritime Archaeology), Dominic Barker, Dr Lucy Blue, Dr Sandy Budden, Professor Tim Champion, Dr William Davies, Dr Graeme Earl, Professor Clive Gamble, Dr Alison Gascoigne, Dr Yannis Hamilakis, Sophie Hay, Professor Emeritus David Hinton, Dr Vedia Izzet, Professor Matthew Johnson, Dr Andy Jones, Professor Simon Keay, Visiting Professor Roger Leech, Visiting Professor Séan McGrail, Dr John McNabb, Dr Yvone Marshall, Visiting Professor Dr Simon Mays, Dr Elaine Morris (Research Fellow), Professor Stephanie Moser, Dr Rosina Mount (Visiting Fellow), Dr Dimitra Papagianni (Visiting Research Fellow), Professor Emeritus David Peacock, Dr Josh Pollard, Dr Louise Revell, Dale Serjeantson (Visiting Fellow), Tim Sly, Dr Jo Sofaer, Professor Emeritus Brian Sparkes, Kris Strutt, Dr Fraser Sturt, Visiting Professor Geoffrey Wainwright, Dr Jacobo Weinstock, Dr David Wheatley, Dr David Williams, Dr Sonia Zakrzewski

Research programmes

MPhil/PhD

Contact: Professor Yannis Hamilakis
Tel: +44 (0)23 8059 4776
Email: y.hamilakis@southampton.ac.uk
www.southampton.ac.uk/archaeology/postgrad/research.html

The interdisciplinary nature of archaeology underpins our understanding of past societies, guided by new theoretical frameworks and investigative methods. We believe in the contemporary relevance of archaeology, and have a strong tradition of investigating the politics of the past and its representation in literature and other media. We offer supervision for research in a wide range of areas, from the Palaeolithic to industrial archaeology, from the interpretation of material and culture to the politics of the past. You will have the opportunity to participate in a lively research community.

Key facts

Entry requirements: First- or upper second-class honours degree and MA in a relevant subject, or equivalent (other qualifications will be considered)

Duration: Up to 4 years (full-time); Up to 7 years (part-time)

Assessment: Thesis (75,000 words maximum), viva voce

Start date: Normally October and February each year

Intake: Variable

Applying: University application with transcripts and research proposal

Closing date: 1 September (but dependent on funding body deadlines); informal enquiries welcome at any time

Funding: AHRC Block Grant; Humanities studentships may be available

Fees: UK/EU (2011/12) full-time £3,732, part-time £1,866; international (2012/13) full-time £12,500

Taught/research programmes

Humanities Interdisciplinary MRes Medieval and Renaissance Studies

Convenor: Professor Ros King
Tel: +44 (0)23 8059 3168
Email: r.king@southampton.ac.uk
www.southampton.ac.uk/cmrc

This MRes is designed for students who already have a clear idea of their research project, and is ideal for students whose research demands support from different disciplines. The core module, Renaissances and Reformations: Generic Skills, is taught by specialist staff from music, literature, history, archaeology and material culture, and may be taken in either semester one or semester two. This module provides a general education in medieval and renaissance studies as well as generic skills training. In addition, you will be required to take a language module, either in Latin or in another language if that is more relevant to your proposed research, as well as a module that will introduce you to palaeography. Together these modules are designed to enable you to become an effective researcher in the medieval and renaissance periods.

Programme structure

Core modules: Latin or another language relevant to the dissertation; Palaeography; Renaissances and Reformations: Generic Skills

Plus: Dissertation (35,000–40,000 words)

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent; English language: IELTS 7.5/TOEFL 640/ computer-based TOEFL 267 for EU and international students

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, portfolio, palaeography and language exercises, dissertation

Start date: October

Intake: Variable

Applying: University application with transcripts and research proposal

Closing date: 1 September

Funding: AHRC Block Grant; Humanities studentships may be available

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

Careers: Arts administration; curating; heritage management; research degrees; teaching

Taught programmes

Key facts for all taught programmes

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, practical assignments, projects/ portfolios; dissertation required for Interdisciplinary MA Medieval and Renaissance Culture

Start date: October

Intake: Variable

Applying: University application with transcripts

Closing date: 1 September

Funding: AHRC Block Grant and internal studentships may be available

Fees: UK/EU (2011/12) full-time £5,175, part-time £2,587.50; international (2011/12) full-time £13,156 (except where specified)

Find out more: **www.southampton.ac.uk/ archaeology**

MA Archaeology of Rome and its Provinces

Admissions Tutor: Dr Louise Revell
Tel: +44 (0) 23 8059 3023
Email: louise.revell@southampton.ac.uk

This programme will provide you with a thorough grounding in the archaeology of Rome and its provinces. You will acquire an understanding of recent and current theoretical developments in the interpretation of archaeological evidence, as well as a familiarity with major sites and Roman cultural material. It exploits the theoretical, thematic and methodological expertise of archaeology at Southampton. The core modules develop your understanding of Roman archaeology, and the range of options available build your knowledge of archaeological themes and approaches, applying them to Roman material. The breadth of these options provides you with an unrivalled opportunity to build a degree which develops your own interests.

Programme structure

Core modules: Problems and Perspective in Roman Archaeology; The Archaeology of the Roman World

Option modules: Ancient Seafaring; Buildings and Roman Society; Ceramics and Lithics in Context; Archaeology of Cultural Interaction; Interpretation of Archaeological Art

Plus: Dissertation (15,000 words)

MA Ceramic and Lithic Analysis for Archaeologists

Admissions Tutor: Dr Alison Gascoigne
Tel: +44 (0)23 8059 9639
Email: a.l.gascoigne@southampton.ac.uk

This programme builds on our established international reputation in ceramics and lithics. We support scientific and socially oriented research with intensive practical teaching and a dynamic and innovative approach to assemblages, integrating theory and methodology. This is an ideal entry to commercial archaeological ceramics/lithics analysis, or to further academic research.

Programme structure

Core modules: Ceramic and Lithic Projects for Archaeologists; Principles of Ceramic and Lithic Archaeology

Three option modules from: Archaeological Petrology; Ceramics and Lithics in Context; another Archaeology or University MA module

Plus: Dissertation (15,000 words)

MA Osteoarchaeology

Admissions Tutor: Dr Jacobo Weinstock
Tel: +44 (0)23 8059 4195
Email: j.weinstock@southampton.ac.uk

This programme provides a thorough grounding in the analytical approaches to human and faunal bone identification, and the wider social, cultural and economic issues raised through the interpretation of archaeological bone assemblages. You will receive training in bone identification, palaeopathology and analysis, and will explore the associated intrinsic problems and potential.

Programme structure

Core modules: Aims and Methods in Zooarchaeology; Bones in Context: Human–Animal Interactions; Human Skeletal Biology: Reconstructing Lifeways; Introduction to Human Skeletal Studies

Option module from: another Archaeology or University MA programme

Plus: Dissertation (15,000 words)

MA Palaeolithic Archaeology and Human Origins

Admissions Tutor: Dr William Davies
Tel: +44 (0)23 8059 9408
Email: s.w.g.davies@southampton.ac.uk

This programme offers a unique opportunity to study the rich global archaeological evidence of our earliest origins, using palaeolithic and quaternary archives. You will be trained in the practical analysis of palaeolithic stone artefacts, and encouraged to place this knowledge in a broad framework, based on current interdisciplinary research, enabling you to investigate the key questions in human evolution.

Programme structure

Core modules: Analysis and Interpretation of Stone Tools; Contexts for Human Origins research

Three option modules from: Palaeolithic Journeys; other Archaeology or University MA modules

Plus: Dissertation (15,000 words)

MA Social Archaeology

Admissions Tutor: Professor Tim Champion
Tel: +44 (0)23 8059 2245
Email: t.c.champion@southampton.ac.uk

This MA will introduce you to the diversity of social archaeology, provide you with experiences in reading complex, data-specific and/or theoretical texts, and allow you to develop a regionally or chronologically specific area of expertise. You will be in a good position to gain employment in archaeology, heritage and related industries, or to conduct research in archaeology or a cognate discipline.

Programme structure

Core modules: Intellectual Methodologies; Social Archaeology

Four option modules from: Archaeology of the Senses; Technology and Social Life; Representation; Interpreting Archaeological Art; other Archaeology or University MA modules

Plus: Dissertation (15,000 words)

MA/MSc Maritime Archaeology

Admissions Tutor: Dr Fraser Sturt
Tel: +44 (0)23 8059 9422
Email: f.sturt@southampton.ac.uk
www.southampton.ac.uk/archaeology/cma

This MA/MSc provides a thorough grounding in the theory and practice of maritime archaeology. Submerged landscapes, maritime cultures and shipwrecks are investigated, and intensive practical instruction in specific field techniques is an integral feature.

Programme structure

Core modules: Archaeology Underwater; Maritime Aspects of Culture

Four option modules from: Ancient Mediterranean Seafaring; Boats of the World; Heritage Management and Conservation; Marine Geoarchacology; Ship Science in Archaeology; another Archaeology or University MA module

Plus: Dissertation (15,000 words)

MA/MSc Maritime Archaeology (Maritime Conservation)

Admissions Tutor: Dr Fraser Sturt
Tel: +44(0)23 8059 9422
Email: f.sturt@southampton.ac.uk

This programme is designed for those who wish to specialise in the theory and practice of maritime conservation. It is delivered in collaboration with the Mary Rose Trust which has extensive laboratories in the Heritage Dockyard at nearby Portsmouth. In addition to laboratory-based practical work, you will have the opportunity to be involved in current research projects.

Programme structure

Typical core modules: Maritime Archaeology; Maritime Archaeological Conservation

Typical option modules: Conservation of Organic Materials; Conservation of Inorganic Materials; Conservation and Heritage Management in the Coastal Zone; Marine Geoarchaeology

Plus: Dissertation (15,000 words)

MSc Archaeological Computing (Spatial Technologies)

Admissions Tutor: Dr David Wheatley
Tel: +44 (0)23 8059 4779
Email: d.w.wheatley@southampton.ac.uk

This MSc is taught in our internationally renowned Archaeological Computing Research Group. You will undertake intensive study in the theory, design and implementation of GIS, field survey methodologies, spatial data processing and raster image processing, and explore spatial analytical methods and developments in spatial computation.

Programme structure

Core modules: Archaeological Computing Systems; Core Computing for Archaeology; Spatial Technology in Archaeology

Plus three modules from: Archaeological Geophysics; CAD for Archaeology; Multimedia Methods in Humanities; another Archaeology or University MA module

Plus: Dissertation (15,000 words)

MSc Archaeological Computing (Virtual Pasts)

Admissions Tutor: Dr Graeme Earl
Tel: +44 (0)23 8059 2911
Email: g.p.earl@southampton.ac.uk

This MSc is taught in our internationally renowned Archaeological Computing Research Group. Your studies will concentrate on: the theory and practice of generating multimedia interfaces and 3D computer models based on archaeological data; the theoretical implications of archaeological multimedia; CAD principles for 3D design, architecture, animation and visualisation; and emerging approaches such as virtual reality and web 2.0.

Programme structure

Core modules: Archaeological Computing Systems; Constructing Virtual Pasts; Core Computing for Archaeology

Plus three modules from: Archaeological Geophysics; CAD for Archaeology; Multimedia Methods in Humanities; another Archaeology or University MA module

Plus: Dissertation (15,000 words)

MA/MSc Geophysical Survey and Landscapes

Admissions Tutor: Kristian Strutt
Tel: +44 (0)23 8059 6866
Email: k.d.strutt@southampton.ac.uk
www.southampton.ac.uk/cmrc

This programme is dedicated to teaching cutting-edge and progressive scientific techniques for the survey and analysis of archaeological sites and landscapes, including geophysical survey and GIS-based skills. Our survey projects include research on the landscape of the South Downs, and the survey and excavation at Portus, Rome's ancient port, carried out in collaboration with the British School at Rome. Students on the MA/MSc are fully involved in fieldwork and data processing on these projects.

Programme structure

Typical core modules: Research Skills; Core Computing; Archaeological Evaluation; CAD/GIS for Archaeologists

Typical option modules: Archaeological Survey and Recording; Archaeological Geophysics; Geoarchaeology; Social and Spatial Landscapes

Humanities Interdisciplinary MA Medieval and Renaissance Culture

Convenor: Dr Chris Briggs
Tel: +44 (0)23 8059 9397
Email: c.d.briggs@southampton.ac.uk
www.southampton.ac.uk/cmrc

This innovative MA will equip you to carry out independent research, while providing a broad education in medieval and renaissance culture. You will explore the concepts of 'renaissance' and 'reform' in religion and culture, and will be taught by specialist staff from disciplines including music, literature, history and archaeology. In addition, you will take a course in Latin, familiarising you with the classical and medieval forms of the language, and a core course in palaeography will enable you to read original medieval and renaissance documents in Latin and English. Together these modules are designed to train you in essential research skills for the study of the Middle Ages and the Renaissance.

Programme structure

Core modules: Latin; Palaeography; Renaissances and Reformations

Option module from: A list of modules on antiquity, the Middle Ages and the Renaissance offered in Humanities

Plus: Dissertation (15,000–20,000 words)

Please note: Modules vary from year to year

Key facts

See Key facts for all taught programmes

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

MA Eighteenth Century Studies (Chawton)

See page 106 for for further information.

We provide an excellent environment for postgraduate study and personal development, with first-class research facilities.

Contact

Postgraduate Admissions:
Tel: +44 (0)23 8059 4397
Email: sbsgradi@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/biosci_postgraduate

Professor Lindy Holden-Dye, Coordinator, Southampton Neuroscience Group (SoNG)

Professor Holden-Dye's interests lie in the fundamental aspects of neuronal signalling, especially chemical neurotransmission, which she has studied in mammalian and invertebrate systems using the techniques of molecular genetics, neurochemistry and electrophysiology.

Her recent research has focused on nematodes, in particular the model genetic animal *Caenorhabditis elegans* (**www.wormbase.org**), which is providing insight into the molecular determinants underpinning adaptive synaptic signalling in neural circuits that direct context-dependent behaviour.

Lindy says: "Neuroscience is a truly interdisciplinary endeavour. Only by combining expertise from many disciplines can we hope to make progress in understanding the normal function of the brain and the dysfunction that underpins devastating neurological disorders such as drug addiction, dementia and stroke."

lmhd@southampton.ac.uk
www.song.southampton.ac.uk

Leigh Felton

Following a PhD specialising in the effects of inflammation of the brain, Leigh was offered a position at GlaxoSmithKline's research centre in Stevenage, where he is now a principal scientist. There he combines work in the laboratory with drug development projects and collaborates with academics at other UK universities.

Leigh explains: "I gained a range of supervisory and managerial skills at Southampton and I'm convinced that played a major part in landing the job at GSK."

Biological Sciences

Academic staff: 40

Postgraduate research students: 70

RAE rating: 2.45

Location: Highfield Campus

Internal links: National Oceanography Centre Southampton (NOCS); Chemistry; Electronics & Computer Science (ECS); Engineering Sciences; Health Sciences; Medicine; Psychology

External links: ABP Marine Environmental Research Ltd; Bayer AG; BBSRC; Celltech; Central Science Laboratory; Centre for Ecology and Hydrology; Centre for Environmental Sciences; Eurogentec; Forensic Science Service; Institut Pasteur, Lille; Institute of Arable Crops Research; Marwell Zoo; Natural History Museum; Syngenta; Vitacress Salads Ltd

Resources: Biological NMR; x-ray crystallography; fluorescence spectroscopy; mass spectrometry; proteomics; laser confocal microscopy; transgenic facilities; genomic facilities (micro-array, real-time PCR, sequencer); glasshouse and controlled environment rooms and cabinets for plant growth

Centres: Centre for Proteomic Research; Southampton Neurosciences Group

Alongside our major research themes, we offer an integrated series of training modules, designed to develop scientific expertise and professional, personal and communication skills. We pride ourselves on the consistent success of our postgraduate research students, and have an excellent record for thesis submission.

From October 2010, Biological Sciences has been based in a new, purpose-built complex on the Highfield Campus, incorporating the Institute for Life Sciences.

Research areas

Molecular Biosciences

Our current research areas are: biomembranes; control of gene expression; developmental biology; microbiology; molecular evolution and bioinformatics; molecular structure and function; plant cell and molecular science; signalling.

Ecology and the Environment

Our current research areas are: behaviour and ecophysiology; biodiversity; chemical ecology; evolutionary biology; pathogens, parasites, evolution of immunity; plant responses to stress; population growth and persistence; responses to environmental change; sustainable environmental management.

Neurosciences

Our current research areas are: developmental neurobiology; integrative analysis of neural/synaptic function; neurodegeneration; neuroinflammation; synaptic function and plasticity.

Research programmes

MPhil/PhD

Email: sbsgradi@southampton.ac.uk
www.southampton.ac.uk/biosci_postgraduate

This programme takes a minimum of three years to complete. You will register initially for an MPhil, and, subject to adequate progress, will register for a PhD in year two. A limited number of funded studentships are available each year, and there are opportunities for self-funded study.

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in an appropriate subject

Duration: 2–4 years (full-time); up to 6 years (part-time)

Assessment: MPhil/PhD thesis, viva voce, transferable/research skills portfolio

Start date: October (but possible throughout the year)

Intake: 30

Applying: University application form with transcripts

Closing date: None, but studentship deadlines may vary

Funding: BBSRC; EPSRC; MRC; NERC; Wellcome Trust; studentships are available from February onwards

Fees: UK/EU (2011/12) full-time £3,722, part-time £1,866; international (2012/13) full-time £17,400; part-time £8,700

Careers: Academia; management; research in biosciences (including medical and environmental); agriculture; the food industry; the pharmaceutical, biotechnology and allied industries; research institutes; scientific journalism

Centre for Contemporary China

We offer an exciting joint initiative, exploring contemporary Europe and China through the analysis of comparative culture, society, economics and finance.

Research areas 57

- Econometric and Financial Econometric Modelling
- Chinese Economy and Financial Markets
- Comparative Studies in Economics and Finance
- China and Global Politics

Taught programmes 57

Contact

Admissions Tutor: Professor Maozu Lu
Tel: +44 (0)23 8059 2550
Email: m.lu@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/ccc

This programme puts China's evolution in a global context and compares its experiences with those of the UK, USA, Europe, India and other east Asian countries. It is designed to meet the needs of Chinese and European students wishing to pursue a career in an international context.

Professor Maozu Lu, Director of the Centre for Contemporary China (CCC), leads the programme: "This is an exciting initiative for the University of Southampton and one which is a natural development for the CCC, as it builds on our current portfolio of activities."

Anastaysia Froimchuk

Anastaysia is studying for an MSc International Comparative Studies.

She says: "This course is unique. The combination of materials and topics has provided me with a wide knowledge and understanding of China and its position in the world. I also enjoy the warm and friendly atmosphere in class created by the lecturers. The course provides a great platform for continuing study in the field of China studies or for pursuing a career with companies that have commercial interests in China. The opportunity to study Chinese is another major plus."

Centre for Contemporary China

Academic staff: 5

Postgraduate taught students: 10–15

Location: Highfield Campus

Internal links: Centre for Language Study; Humanities; Management; Social Sciences

External links: Chinese Academies of Social Sciences; a number of prestigious Chinese universities; former British Ambassadors to China; Innovation China UK

Resources: A significant collection of books donated by the Chinese National Library; specialist language facilities; internet café

The Centre for Contemporary China leads the way in developing strategic partnerships with Chinese universities on behalf of the University of Southampton. These include academic research relationships, cultural exchanges, joint student programmes and collaboration with research institutes in China.

Research areas

– Econometric and Financial Econometric Modelling
– Chinese Economy and Financial Markets
– Comparative Studies in Economics and Finance
– China and Global Politics

Taught programmes

MSc/PG Dip International Comparative Studies

This programme draws on expertise from across the University and benefits from the many connections the Centre has developed. Whether you are seeking a career that will involve direct contact with China or work based in a wider context, we offer excellent opportunities for you to learn and understand more about modern China as it becomes an increasingly important global economic force.

We offer pathways in Economics, Management, and Politics and International Relations, with plans under way for students from humanities backgrounds.

Programme structure

Core modules: Chinese Economic Reform in Comparative Perspective; Divergent Modernities: China and Europe Compared

Option modules by pathway:

Economics: Economic Analysis; Economic Policy and Development; Finance; International Trade; Industrial Economics; Labour Economics; Trade Integration

Management: Business Ethics; Comparative and International People Management; Enterprise, Entrepreneurship and New Business Venturing; Entrepreneurial Marketing; Innovation and Technology Transfer; Knowledge Management and Business Intelligence; Marketing in the Digital Age

In addition, students on the Management pathway have the option to study Chinese or English language for non-native speakers

Politics and International Relations: Governing Globalisation; Global Politics and International Relations; Globalisation and International Relations; Introduction to Security Studies

Plus: Dissertation (12,500–15,000 words: MSc only)

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent; applicants with particular knowledge and experience in the areas covered by the programme will also be considered; no previous knowledge of any Chinese language is required

Duration: 1 year (full-time); 2 years (part-time)

Study abroad in China: Students who are not Chinese nationals will have the opportunity to apply for full scholarships, provided by the Chinese government, to extend their study by a period of six months or one year at one of our partner universities in China

Assessment: Coursework and examination

Start date: September

Intake: 20–25

Applying: University application form with transcripts

Closing date: None, but early application is advised

Funding: Studentships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Academia; banking/finance; civil service; international corporations

CRA is an exciting interdisciplinary research and teaching centre, bringing together national and international experts devoted to cutting-edge research in the fields of ageing, the life-course and social policy.

Contact

Postgraduate research degrees:
Tel: +44 (0)23 8059 2527
Email: ger-pgr@socsci.soton.ac.uk

Postgraduate taught degrees:
Tel: +44 (0)23 8059 8940
Email: a.vlachantoni@soton.ac.uk

For more information on our research interests, programmes and funding opportunities, please visit our website

www.southampton.ac.uk/socsci/ageing

Staff publications are listed at **www.southampton.ac.uk/ageing/publications**

Professor Maria Evandrou

Professor Maria Evandrou directs the Centre for Research on Ageing and is co-investigator on the EPSRC Care Life Cycle project. She is also a co-director of the ESRC Centre for Population, where she coordinates research on changes in living arrangements across the life-course.

She explains: "My research examines inequalities in later life, informal carers and employment, and the retirement prospects of future generations of elders. I also focus on modelling the demand and supply of health and social care for older persons. A unifying theme throughout all my research is the use of a dynamic life-course perspective."

Karen Baker

After working as a nurse, Karen studied for a PhD at the Centre for Research on Ageing, focusing on pensions and savings behaviour among young people.

She says: "In my research, I chose my area of study, decided how to go about researching it and agreed my own deadlines with my supervisors. For me, this independence was the best and the most challenging element of the PhD."

Centre for Research on Ageing (CRA)

Academic staff: 7

Postgraduate research students: 11

Postgraduate taught students: 34

RAE rating: The 2008 RAE ranked the Centre's research output third in the country, along with colleagues from Sociology & Social Policy and colleagues from Social Statistics & Demography

Location: Highfield Campus

Internal links: Centre for Global Health, Population, Poverty and Policy; Centre for Human Service Technology; ESRC Centre for Population Change; ESRC National Centre for Research Methods; Biological Sciences; Health Sciences; Management; Mathematics; Psychology; Southampton Ageing Research Network; Southampton Statistical Sciences Research Institute (S3RI)

External links: British Society of Gerontology; Centre for Policy on Ageing; Department of Work and Pensions; HelpAge International; Help and Care; Age UK; Local Government Association; London School of Economics; Office of National Statistics; Older People's Programme; Southampton City Council; University of Bologna; University of Canberra

Resources: Research students are provided with PCs and office space; masters students have access to workstations, IT support and internet café facilities

We host transnational research projects investigating: income risk over the life-course and the role of welfare systems in the UK, the USA, Germany and Sweden; social networks and economic security in later life in south-east Asia, sub-Saharan Africa, eastern Europe and central Asia; and health, social care and public policy.

Research areas and groups

www.southampton.ac.uk/socsci/ageing/research

Ageing in Developing and Transitional Societies

We examine the challenges raised by accelerated ageing in settings where formal welfare provision and service infrastructure are rudimentary, poverty widespread and governance weak or in a state of flux. We investigate the interaction of informal and formal welfare provision, material insecurity, social policy, and the role of older people as carers, for example in situations of widespread HIV-AIDS or migration. Current regions of specialisation include south-east Asia, sub-saharan Africa, eastern Europe and central Asia.

Diversity in Later Life and Ethnic Minority Ageing

We focus on the health, living arrangements, housing, financial resources and social support of black and minority ethnic elders in Britain, the experience of ageing in world cities, and the analysis of large-scale survey data.

Gender and Pension Reform

We explore the gender implications of pension reform in the developed and developing world (eg social pensions) and we empirically investigate the pension penalty of providing informal care over the life-course and the implications for policy reform.

Health and Social Care

We examine health, disability and access to healthcare services and social services; equity in health and social care; equity in access to welfare services; and how policy may serve to mitigate or perpetuate inequalities. In addition, our research explores the mental health of older people, for example in relation to dementia, and service evaluations.

Income and Pensions

We investigate how income (dis)advantage accumulates across older people's lifetimes, along with the role that the welfare state has played in reducing or perpetuating such inequalities (eg UK, Germany, Sweden and the USA), and examine pensions among groups with interrupted work histories and caring obligations, and among young people.

Paid Work and Informal Caring

We look at the complex relationship between health, caring and employment, with many people juggling paid work and caring responsibilities while still supporting their own children. We investigate the relationship between multiple-role responsibilities and quality-of-life indicators such as health and material resources, and examine the impact of caring for the generations above and below those cared for.

Retirement Prospects of Future Generations of Elders

We investigate the retirement prospects of future cohorts, examine the social and economic circumstances of the ageing baby-boomer generations in the UK and use dynamic population simulation models to project the financial, health and social needs of the British population to 2050, and to evaluate different policy scenarios.

Social Networks and Informal Support

We examine the complex division of labour in old-age support between individuals and their families, friends and neighbours, community and civil society. We investigate the evolution of social networks over the life-course, older people's contributions to networks, and the impact of migration and transnationalism on local support networks. Our research has a strong interethnic and international comparative dimension.

Southampton Ageing Research Network

Chair: Professor Maria Evandrou
www.southampton.ac.uk/ageing/sarn

The Network facilitates interdisciplinary research and debate on topics in the field of ageing, through high-quality postgraduate training and the organisation of conferences, seminars and workshops supporting the cross-disciplinary exchange of ideas.

Southampton Strategic Research Group on Ageing and Lifelong Health

Chair: Professor Maria Evandrou
Deputy Chair: Professor Avan Aihie Sayer
www.multidisciplinary.soton.ac.uk/groups/ageing-and-lifelong-health

The group promotes internationally excellent interdisciplinary research within the field of ageing by strengthening the existing research base in the University and fostering new collaborations.

Staff

Professor Maria Evandrou, Dr Aravinda Meera Guntupalli, Dr Gloria Langat, (British Academy Research Fellow), Dr Rebekah Luff, Dr Elisabeth Schröder-Butterfill, Dr Athina Vlachantoni, Dr Rosalind Willis

Centre Associate Members:

Helen Bowers, Professor Peter Coleman, Lorna Easterbrook, Professor Jane Falkingham, Dr Gillian Granville, Dr Philip Kreager, Dr Marco Trentini

Research programmes

PhD

Director of Postgraduate Studies and MPhil/PhD:
Professor Maria Evandrou
Tel: +44 (0)23 8059 4808
Fax: +44 (0)23 8059 8649
Email: maria.evandrou@southampton.ac.uk

PhD enquiries:
Tel: +44 (0)23 8059 2527
Email: gerontology-pgr@southampton.ac.uk
www.southampton.ac.uk/socsci/ageing/pgstudy

Key facts

Entry requirements: Masters degree in a relevant subject, or equivalent

Duration: 3–4 years (full-time); up to 7 years (part-time)

Assessment: Upgrade from MPhil to PhD; PhD viva voce

Start date: September

Intake: 5

Applying: University application form with transcripts, research proposal

Closing date: None, but early application advised

Funding: ESRC studentships available, Southampton ESRC Doctoral Training Centre

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Some fieldwork costs may apply, if not covered by your funding. You will receive an annual allowance for photocopying and normal printing facilities, but may need to meet any additional costs

Careers: Academia; local and national government; policy and service planning and analysis; NGOs

Taught/research programmes

MSc Gerontology (Research)

Contact:
Tel: +44 (0)23 8059 8940
Email: gerontology-pgi@southampton.ac.uk
www.southampton.ac.uk/socsci/ageing/pgstudy

This ESRC-recognised programme distinguishes itself from the MSc Gerontology by offering greater specialist training in research methods, and provides an excellent foundation for future research. It will provide you with specialist knowledge in social, demographic and economic issues of ageing, theoretical and critical perspectives in gerontology, and national and international policy and practice in adult and elder care services.

Programme structure

Compulsory modules: Ageing, Health and Wellbeing; Demographic Change, Ageing and Globalisation; Design and Statistical Analysis of Surveys; Perspectives in Gerontology; Qualitative Methods; Philosophy, Methodology and Research Design

Plus: Dissertation (15,000 words)

Key facts

Entry requirements: Lower second-class honours degree, or equivalent; applicants without formal qualifications but with relevant experience will be considered on an individual basis

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework, dissertation

Start date: September

Intake: 15

Applying: University application form with transcripts

Closing date: None, but early application advised

Funding: ESRC studentships available, Southampton ESRC Doctoral Training Centre

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: Academic and policy research; health and social care provision and management; local and national government; NGOs; services for older people (including housing, transport, assistive technology)

Taught programmes

MSc/PG Dip/PG Cert Gerontology

Contact:
Tel: +44 (0)23 8059 8940
Email: gerontology-pgi@southampton.ac.uk
www.southampton.ac.uk/socsci/ageing/pgstudy

This innovative MSc offers interdisciplinary advanced education in the study of gerontology, the life-course and public policy, and will prepare you for a wide range of careers working with older people. You will develop specialist knowledge in social, demographic and economic issues related to ageing, theoretical and critical perspectives on gerontology, and national and international policy and practice in adult and elder care services. In addition, students on this programme can take up to two modules from the distance learning postgraduate programme in gerontology.

Programme structure

Compulsory modules: Ageing, Health andWellbeing; Demographic Change, Ageing and Globalisation; Perspectives in Gerontology; Researching Contemporary Issues in Ageing Societies

One substantive module from: Population and Health; Population, Poverty and Policy; Population, Resources and the Environment; The Mixed Economy of Welfare Delivery; Understanding Population Change

Plus one research methods module from: Design and Statistical Analysis of Surveys; Philosophy, Methodology and Research Design; Qualitative Methods

Plus: Dissertation (15,000 words: MSc only)

Key facts

Entry requirements: Lower second-class honours degree, or equivalent; applicants without formal qualifications but with relevant experience will be considered on an individual basis

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework, dissertation

Start date: September

Intake: 15

Applying: University application form with transcripts

Closing date: None, but early application advised

Funding: Scholarships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: Academic and policy research; health and social care provision and management; local and national government; NGOs; services for older people (including housing, transport, assistive technology)

Taught programmes by distance learning

MSc/PG Dip/PG Cert Gerontology (Distance Learning)

Contact:
Tel: +44 (0)23 8059 8940
Email: gerontology-pgi@southampton.ac.uk
www.southampton.ac.uk/socsci/ageing/pgstudy

The postgraduate training in gerontology by distance learning will allow you to acquire specialist knowledge in gerontology and key research skills through study from a distance. You will be supported in accessing online learning material related to demographic and economic issues concerning ageing, theoretical and critical perspectives in gerontology, and national and international policy and practice in adult and elder care services.

Programme structure

Compulsory modules: Ageing, Health and Wellbeing; Demographic Change, Ageing and Globalisation; Perspectives in Gerontology; Qualitative Research Methods; Quantitative Research Methods

Option modules: Ageing, Diversity and Human Rights; Poverty and Social Protection Around the World; Researching Contemporary Issues in Ageing Societies

Plus: Dissertation (15,000 words: MSc only)

Key facts

Entry requirements: Lower second-class honours degree, or equivalent; applicants without formal qualifications but with relevant experience will be considered on an individual basis

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework, dissertation (MSc only)

Start date: September

Intake: 20

Applying: University application form with transcripts

Closing date: None, but early application advised

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: Academic and policy research; health and social care provision and management; local and national government; NGOs; services for older people (including housing, transport, assistive technology)

We have received a Centre for Higher Education Development (CHE) 'Excellence Ranking' for Chemistry, recognising our world-leading research and teaching.

Contact

Tel: +44 (0)23 8059 4121
Fax: +44 (0)23 8059 6805
Email: chempgr@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/chemistry

Staff publications are listed at **www.southampton.ac.uk/chemistry/research/publications.page**

Professor Philip Bartlett, Head of Electrochemistry

Professor Bartlett specialises in bioelectrochemistry and in electrodeposition of nanostructured materials. His team is currently developing nanostructured surfaces to detect single base changes in DNA for applications in point-of-care diagnostics to help prevent adverse drug reactions and nanomaterials for next generation electronic devices.

Phil is also the co-founder of Nanotecture plc, a University spin-out company which specialises in the production of nanoporous materials and the development of highly efficient electrical storage devices.

He says: "Electrochemistry underpins many aspects of modern life, from batteries and fuel cells, through materials deposition and coatings to medical diagnostic devices. Southampton is internationally renowned for its work in all these areas."

p.n.bartlett@southampton.ac.uk

Andrew Treharne

Andrew completed an MChem at Southampton, followed by a PhD in Dr Martin Grossel's group, which was sponsored by the Foresight charity and the Gift of Sight Appeal.

He says that getting involved with research projects at undergraduate level inspired him to do a PhD. "My research at the interface between chemistry and cell biology focused on retinal diseases, and the chance to make new advances in this important area fascinated me. Doing a PhD has helped me develop my teamworking, problem-solving and leadership skills. I've also had the opportunity to present my work at international conferences and even in the House of Commons. These activities have given me an excellent grounding for my future career."

Chemistry

Academic staff: 35

Postgraduate research students: 130–150

RAE rating: GPA: 2.65; Staff FTE: 41.2; Staff selected: 95 per cent (2008)

Location: Highfield Campus

Internal links: Biological Sciences; Engineering Sciences; Civil Engineering & the Environment; Institute of Sound and Vibration Research (ISVR); Medicine; Electronics & Computer Science (ECS); National Oceanography Centre Southampton (NOCS); Optoelectronics Research Centre (ORC); Physics & Astronomy

External links: Numerous links with industry, national laboratories (eg Daresbury Laboratory, Diamond, Rutherford Laboratory) and international universities

Resources: Fully refurbished laboratories, including an IT facilities suite; NMR, MS, x-ray crystallography and e-science learning facilities

We have close working links with global industry, and our students and staff collaborate with research groups worldwide. We are renowned for our outstanding research tradition, the diversity of our activities and our multidisciplinary programmes across the University.

Research groups

Computational Systems Chemistry

We have a world-class reputation for developing and applying computational methods to chemical, biological and materials problems. Our research is founded on strong activity in the development of new theories and computational techniques, unified by the common theme of exploring interacting systems, where the larger-scale behaviour of the whole system arises from complex interactions of individual smaller components. We also work in close collaboration with the Institute for Complex Systems Simulation Doctoral Training Centre (see page 91).

Staff

Professor George Attard, Professor John Dyke, Professor Jonathan Essex, Professor Jeremy Frey, Dr Syma Khalid, Dr Chris-Kriton Skylaris

Electrochemistry

Southampton has an established world-class reputation in electrochemistry. Current research programmes include electrochemical approaches to energy conversion and storage, including research in fuel cells, lithium batteries, redox flow batteries and supercapacitors, electrodeposition of nanostructured materials, bioelectrochemistry and biosensors, microelectrodes and scanning electrochemical microscopy, numerical modelling, high throughput materials chemistry, surface electrochemistry and electrocatalysis, solid state electrochemistry, and the chemical effects of ultrasound.

Since 1969, the group has run the Southampton Electrochemistry Summer School, Instrumental Methods in Electrochemistry (**www.southampton.ac.uk/chemistry/business_partnership/summer_school.page**).

Staff

Professor Phil Bartlett, Dr Peter Birkin, Dr Guy Denuault, Professor Brian Hayden, Dr Andrew Hector, Professor John Owen, Professor Andrea Russell

Magnetic Resonance

This specialised section focuses on the development of magnetic resonance methodology, the magnetic resonance of solid materials including superconductors, the determination of biomolecular structures by magnetic resonance, the development of new methods for enhancing magnetic resonance signals, and the development of new agents and methods for magnetic resonance imaging (MRI).

Staff

Dr Marina Caravetta, Professor Malcolm Levitt

Molecular Assembly, Function and Structure

Our research covers all aspects of the synthesis, characterisation, properties and applications of new molecular and supramolecular compounds and framework materials. Activities fall broadly under the themes of 'functional materials' and 'molecular innovations in healthcare', and span the underpinning disciplines of organic and inorganic synthesis with research programmes including total synthesis, organometallic chemistry and catalysis, coordination and supramolecular chemistry, and the preparation and study of new inorganic framework materials.

Staff

Professor Richard CD Brown, Dr Simon Coles, Professor John Evans, Professor Philip A Gale, Dr Martin Grossel. Professor David Harrowven, Dr John Langley, Dr Mark Light, Professor Bill Levason, Dr Robert Raja, Professor Gill Reid, Professor Mark T Weller, Professor Richard Whitby

Molecular Diagnostics and Therapeutics

We have an international reputation in molecular diagnostics and therapeutics and collaborate with teams in the fields of medicine, human genetics, optical engineering, electronic engineering, physics and life sciences, as well as industrial partners. Research projects are based on a fundamental understanding of key biochemical processes combined with synthetic chemistry expertise. Our research has led to a number of spin-out companies: ATDBio focuses on innovation and the production of highly pure, chemically modified oligonucleotides as novel DNA analogues for use in biomedical and diagnostic applications; Karus Therapeutics is an emerging pharmaceutical company whose R&D activities are focused on the design and development of innovative, molecular-targeted, small molecule drugs to treat immune/inflammatory disorders and cancer.

Staff

Professor Tom Brown, Dr Bruno Linclau, Dr Iris Nandhakumar, Dr Peter Roach, Dr Ali Tavassoli, Dr Eugen Stulz

Research programmes

PhD

Contact: See page 63
www.southampton.ac.uk/chemistry/postgraduate/index.page

Professional scientists are expected to make presentations, write research proposals, reports and papers, plan future experiments on various timescales, provide leadership and manage the work of others, as well as carry out laboratory experiments. Our objectives are to assist and encourage you to achieve the highest standards possible as a professional scientist, enabling you to perform research and development in academic and/or industrial institutions, with a sound understanding of chemistry and an enthusiasm for using this knowledge.

Key facts

Entry requirements: First- or upper second-class honours degree in chemistry or a chemistry-related subject

Duration: 3–4 years (full-time); up to 6 years (part-time)

Assessment: Coursework, examination, dissertation

Start date: October (but possible throughout the year)

Intake: 40–50

Applying: University application form with transcripts; UK students will be interviewed; EU/international students may be interviewed by telephone

Closing date: None

Funding: UK/EU: fully funded by research councils EPSRC, BBSRC, NERC and MRC, charity organisations, EU funding and US government sources (industrial studentships also available); international bursaries for non-EU students range from partial to full funding

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Living costs, accommodation fees and study materials

Careers: Chemical and pharmaceutical industries; national and international laboratories; postdoctoral positions in academia

MPhil Chemistry
MSc Chemistry by Research

Contact: See page 63
www.southampton.ac.uk/chemistry_researchdegrees

The MPhil focuses on the design and execution of an original research project, which occupies about two-thirds of the year, with correspondingly less time devoted to formal teaching.

Our MSc Chemistry by Research combines advanced lecture modules in your area of specialisation with safety and professional skills modules and a period of individual research. It offers specialisation in computational systems chemistry, electrochemistry, magnetic resonance, molecular assembly, function and structure and molecular diagnostics and therapeutics.

Key facts

Entry requirements: MPhil: normally, first- or upper second-class honours degree or equivalent in a relevant engineering/science subject; MSc: second-class honours degree or equivalent in a relevant subject (English language: for international students: TOEFL 600/IELTS 6.5)

Duration: MPhil 1 year (full-time), up to 3 years (part-time); MSc 1 year (full-time)

Assessment: Coursework, examinations, dissertation

Start date: MPhil: October (but possible throughout the year); MSc: October

Intake: Variable

Applying: University application form with transcripts; UK students will be interviewed; EU/international students may be interviewed by telephone

Closing date: MPhil: none; MSc: 30 June

Funding: **www.southampton.ac.uk/chemistry/postgraduate/fees_and_funding.page**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Pre-sessional language course fees and associated accommodation if required. Living costs, accommodation fees and study materials

Civil Engineering & the Environment

Southampton has an outstanding reputation for excellence in teaching and research in the fields of engineering and the environment.

Contact

Postgraduate research:
Email: pgrprog@civil.soton.ac.uk

Postgraduate taught:
Email: masters@civil.soton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.envsci.southampton.ac.uk

Staff publications are listed at
www.civil.southampton.ac.uk/research/divisions

William Powrie, Professor of Geotechnical Engineering and Dean, Engineering and the Environment

Professor Powrie's main research interests are in geotechnical aspects of transport infrastructure and in sustainable waste and resource management.

William says, "Mitigating and adapting to the effects of climate change is one of the biggest challenges facing society today. Engineers have a major role to play in finding and developing solutions. We have just completed a five-year study on how landfills can be managed more effectively, while our major programme, Track 21, aims to identify better ways of designing and building railway track to reduce costs and carbon footprint. Other projects include energy piles, and foundations for offshore wind and ocean current turbines. All of our work is carried out with the close involvement and support of industry."

wp@soton.ac.uk

Laurence Wright

After completing the BSc and MSc in Environmental Science at Southampton and time in industry, Laurie embarked on a PhD.

He explains: "After my MSc, I worked part-time at a waste management company while finishing my dissertation. My experience in the industry helped me to develop my professional skills and prompted me to look at the possibility of further academic research. Having developed an interest in anthropogenic-induced climate change and mitigation, I embarked on a project to develop a methodology to carbon map an international city, working with the city council and the University. It was a massive decision to leave employment and return to university, but I don't regret it for a moment."

Civil Engineering & the Environment

Academic staff: 35

Postgraduate research students: 163

Postgraduate taught students: 165

RAE rating: The University of Southampton was placed in an elite group in the Civil Engineering unit of assessment by the 2008 RAE. On a 'medals table' basis, we were ranked second in the UK, while we were ranked third in terms of both 'power' and 'market share' of research excellence. Our grade point average was 3.05 out of 4

Location: Highfield Campus

Internal links: Biological Sciences; Engineering Sciences; Geography; Institute of Sound and Vibration Research (ISVR); Mathematics; National Oceanography Centre Southampton (NOCS); Biological Sciences; Engineering Sciences; Geography; Mathematics; Physics & Astronomy

External links: Broad range of partners in industry

Resources: Laboratories for heavy structures, model structures, geotechnical engineering and soil mechanics, environmental engineering and science, and materials testing; refurbished environmental, geotechnical and hydraulics laboratories; a vehicle simulator for understanding driver behaviour; hydraulics flumes; a temperature-controlled geotechnical element-testing laboratory; an advanced environmental analytical capability; large-scale testing cells for waste and leachate experiments; a state-of-the-art, fully instrumented vehicle for field-based transport research

Centres: Centre for Bioenergy and Organic Resources; Centre for Coastal Engineering and Management; Centre for Environmental Sciences; International Centre for Ecohydraulic Research; International Centre for Underutilised Crops; Rail Research UK; Sustainable Energy Research Group; Transportation Research Group; UK–China Joint ITS Centre; Waste Management Research Group

Find out more: www.envsci.southampton.ac.uk

We use an interdisciplinary approach, combining the wide range of engineering skills held within the University to address the global challenges associated with sustainability, the environment, energy and resource efficiency, and quality of life.

We benefit from excellent worldwide collaborative links with industry, governments and research institutions to address global problems such as security of energy supply; planning and engineering of effective transportation systems; infrastructure; environmental protection; resource management; and mitigating and adapting to the effects of climate change.

Postgraduate education and research is multidisciplinary and focuses on key issues facing society today, including transport, infrastructure, sustainable urban environments, water, waste and resource management, coastal and marine engineering and management, renewable energy and the protection of the environment.

Our research utilises strengths in core engineering and environmental science to address real-life problems that often do not lend themselves to traditional technical investigation. Projects with industry aim to recognise, analyse and solve problems in ways that advance fundamental scientific knowledge and understanding, and protect and enhance the environment. As research areas become increasingly application-focused, interdisciplinary research groups have been established, comprising staff with complementary expertise.

The MSc programmes draw on current or developing research strengths to deal with some of the key problems facing the world today within the spheres of civil and environmental engineering and environmental science. Our aim is to contribute to the career development of professional engineers and environmental scientists.

Research divisions

Energy and Climate Change

Head of Division: Professor Abubakr Bahaj
Tel: +44 (0)23 8059 2051
Email: a.s.bahaj@southampton.ac.uk
www.civil.southampton.ac.uk/research/divisions

This division conducts fundamental and applied research and pre-industrial development in ocean energy conversion, photovoltaics, energy efficiency, energy in buildings, coastal engineering and the impacts of climate change. We have well-equipped laboratories and test facilities both on and off campus to support experimental research and large-scale monitoring across our broad remit.

Staff

Dr Arif Anwar, Professor Abubkar Bahaj, Dr Patrick James, Dr Mark Jentsch, Dr Gerald Muller, Professor Robert Nicholls

Environment

Head of Division: Professor Charles Banks
Tel: +44 (0)23 8059 4650
Email: c.j.banks@soton.ac.uk
www.civil.southampton.ac.uk/research/divisions

We carry out research in water management and irrigation engineering, environmental remediation, waste management, sustainable energy, and ecological impacts. Our specialised facilities include: an advance analytical suite equipped with liquid, ion and gas chromatographs; a carbon/nitrogen analyser; an image analyser; an atomic absorption spectrometer; and a liquid scintillation counter. We operate a research station in Kazakhstan and collaborate with a wide range of international research institutions.

Staff

Professor Charles Banks (Head of Research Division), Dr Malcolm Hudson, Dr Paul Kemp, Dr Patrick Osborne, Dr Pete Shaw, Professor Trevor Tanton, Professor Ian Williams

Infrastructure

Head of Division: Professor David Richards
Tel: +44 (0)23 8059 2848
Email: djr@soton.ac.uk
www.civil.southampton.ac.uk/research/divisions

We carry out research in the areas of geomechanics, structures and construction. We have contributed fundamental knowledge in the areas of groundwater control, retaining walls, landfill engineering, soil behaviour, structural repair techniques and the safety of offshore structures. Our research results are consistently disseminated to industry. We currently hold more than £3.6m in research funding, from EPSRC sources, charities, industry and government, supporting over 30 researchers. We collaborate extensively with the construction and waste management industries, and have international research links worldwide.

Staff

Dr Alan Bloodworth, Dr Mike Byfield, Professor Chris Clayton, Professor Marcus Lee, Professor William Powrie, Professor David Richards (Head of Division), Professor David Sanderson, Dr Antonis Zervos

Transportation

Head of Division: Dr Nick Hounsell
Tel: +44 (0)23 8059 2192
Email: n.b.hounsell@soton.ac.uk
www.civil.southampton.ac.uk/research/divisions

The focus of much of our research is on the development, application and understanding of the impacts of a wide range of intelligent transport systems (ITS), with particular emphasis on traffic control, information provision and human factors.

We work closely with other research groups, local and central government, industry, consultants and international organisations, including the UK-China ITS Centre (UCIC). We currently hold research grants of over £5m from EPSRC, the EC and industry.

Staff

Dr Tom Cherrett, Dr Nick Hounsell (Head of Research Division), Professor Mike McDonald, Professor John Preston, Professor Neville Stanton, Dr Ben Waterson, Professor RE Wilson

Research programmes

PhD

Admissions Tutor: Dr Antonis Zervos
Tel: +44 (0)23 8059 2459
Email: pgrprog@civil.soton.ac.uk
www.civil.southampton.ac.uk/research

You will develop a detailed understanding of applicable techniques for research and advanced academic enquiry, while acquiring a substantial body of knowledge related to your academic discipline. You will develop a range of transferable skills, including the ability to conceptualise, design and implement a project and independent thinking. You will also be encouraged to write research publications and present the results of your work at internal research seminars and national and international conferences.

Key facts

Entry requirements: First- or upper second-class honours degree (or equivalent) in engineering/physical sciences

Duration: Up to 3 years (full-time); up to 6 years (part-time)

Assessment: Submission of first report after 9 months; MPhil to PhD transfer report after 18 months; final PhD thesis after 36 months; viva voce at each stage

Start date: Throughout the year

Intake: 25–30

Applying: University application form with transcripts, and two academic references, interview

Closing date: None

Funding: Limited research council and University funding

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £17,400

Careers: Academia; civil engineering, conservation; construction and infrastructure industry; environmental organisations and authorities; government agencies; petroleum industry; planning; renewable energy

Taught/research programmes

EngD Engineering Doctorate

Admissions Tutor: Dr Antonis Zervos
Contact: See PhD, page 69
www.southampton.ac.uk/civil

Our EPSRC-funded Engineering Doctorate (EngD) in Transport and the Environment supports UK industry via collaborative research on topics linking transport and environment issues. If you are a well-qualified, ambitious graduate engineer, scientist or mathematician, this prestigious four-year programme will provide you with the technical, business and personal development competencies required to become one of the senior technical managers of the future. Two semesters of masters modules are followed by a summer of preliminary research and then three years of full-time doctoral research with a sponsor.

Programme structure

Management training: Modules in key management disciplines from Management's MBA programme

Research areas include: Projects cover a broad range of topics relating to transport, transport infrastructure and the environment. Projects are based in research groups in, for example, Civil Engineering & the Environment, Electronics and Computer Science (ECS), Engineering Sciences, Management, and the Institute for Sound and Vibration Research (ISVR)

Technical training: Chosen from the wide range of masters-level modules offered across Engineering Science and Mathematics

Key facts

Entry requirements: First- or upper second-class honours degree (or equivalent) in engineering/mathematics/science

Duration: 4 years (full-time) – (1+3)

Assessment: Coursework, examination, thesis

Start date: End September

Intake: 10

Applying: University application form with transcripts, interview

Closing date: None

Funding: EPSRC (UK and qualifying EU only) studentships awarded competitively. Stipend enhancement by sponsors subject to performance

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250

Careers: Academia, engineering industries, environmental organisations, government agencies

Taught programmes

MSc Civil Engineering

Email: masters@civil.soton.ac.uk
www.southampton.ac.uk/civil

This conversion programme offers pathways of 12 and 20 months for graduates in civil engineering and other numerate disciplines. Both pathways include two semesters of taught content and project work. If you are successful in gaining a sponsor, this will be followed by an 11-month industrial placement, during which you will be expected to fulfil the role of a graduate civil engineer.

Programme structure

Modules must be selected from at least three of the following areas: Coastal Engineering; Environmental Engineering; Infrastructure Engineering; Management; Transport Engineering

Compulsory module: Understanding Civil Engineering (for non-civil engineering students)

Key facts

Entry requirements: Upper second-class BEng/BSc honours degree or equivalent in a relevant engineering/science/technology subject. Applicants with lower academic qualifications but extensive experience in the civil engineering sector are encouraged to apply

Duration: 1 year (full-time) non-industrial placement pathway; 20 months (full-time) industrial placement pathway

Assessment: Coursework, examination, individual research project, industrial placement, reflective coursework

Start date: End September

Intake: 20–30

Applying: University application form with transcripts

Closing date: 30 June for 20-month pathway; 31 July for 12-month pathway

Fees: UK/EU (2011/12) full-time £4,500; international (2012/13) full-time £15,800

Careers: Our students have secured industrial placements with Bovis Lend Lease, Capita Symonds, Carillion, Clancy Docwra, the Environment Agency, Gifford Consulting Engineers, John Sisk & Son and Mott MacDonald

MSc Energy and Sustainability (multipathway programme)

MSc Energy and Sustainability: Energy, Environment and Buildings

MSc Energy and Sustainability: Energy Resources and Climate Change

Email: energymasters@soton.ac.uk
www.southampton.ac.uk/energymasters

The sustainable provision and use of energy is a major challenge of the 21st century. These MSc programmes have been designed to equip the next generation of energy professionals with the multidisciplinary approach required to tackle climate change while improving energy supply and the built environment. Developed in collaboration with industry and public sector energy specialists, this MSc will enhance your career and value to employers.

These MSc programmes, **Energy, Environment and Buildings** and **Energy Resources and Climate Change**, provide the necessary specialised knowledge and analytical skills for professionals in these fields.

The module common to both programmes provides an overview of the 'live' issues surrounding energy, the sustainability agenda and climate change. The research project may provide an opportunity to work with one of our many industrial partners – ranging from large utility companies to small consultancies – in order to gain valuable research and development skills.

Programme structure

Energy, Environment and Buildings: Compulsory modules: Introductions to Energy; Environment and Sustainability; Climate Change, Energy and Settlements; Statistical Modelling for Civil and Environmental Engineering

Energy Resources and Climate Change: Compulsory modules: Introductions to Energy; Environment and Sustainability; Energy Resources and Engineering; Climate Change, Energy and Settlements; Statistical Modelling for Civil and Environmental Engineering; Bioenergy; Waste Resource Management; Politics of Climate Change; Geographic Information Systems (GIS)

Individual project leading to dissertation, which may be with an industrial sponsor

Key facts

Entry requirements: Upper second-class BEng or BSc degree (or equivalent) in a numerate discipline. Applicants with lower qualifications but with extensive experience in industry are encouraged to apply

Duration: 1 year (full-time)

Assessment: Coursework assignments, examination, dissertation

Start Date: End September

Intake: 10–15 each pathway

Applying: University application form with transcripts

Closing date: 31 July

Fees: UK/EU (2011/12) full-time £4,500; international (2012/13) full-time £15,800

Careers: Energy industry (eg large energy utilities or new and renewable energy consultancies); infrastructure, transportation and general engineering consultants; architects; government departments and public bodies

MSc Engineering in the Coastal Environment

Email: masters@civil.soton.ac.uk
www.southampton.ac.uk/oes_taughtcourses

There is a growing need, in industry, government and research, for coastal engineers with a broad understanding of environmental, engineering and oceanographic issues in the coastal zone, such as the rapidly growing populations and economies of coastal areas, and threats like sea-level rise and climate change. This programme is built around relevant parts of engineering, oceanography and GIS applications, with an emphasis on existing coastal problems. We have strong links with industry and local authorities responsible for coastal engineering and management.

Programme structure

Introductory modules: Introduction to Civil Engineering (for non-engineers); Introduction to Marine Geology (for engineers)

Core modules: Applied Sediment Dynamics; Coastal and Flood Defence; Coastal Morphodynamics; Coastal Sediment Dynamics; Environmental Audit and Risk Assessment; GIS for Coastal Engineering; Key Skills and Applied Oceanography; Coastal and Maritime Energy; Modelling in Environmental and Earth System Science

Key facts

Entry requirements: Upper second-class honours degree or equivalent in civil engineering, oceanography, geography, geology, environmental or physical sciences. Applicants with lower qualifications, but with relevant experience and a high degree of numeracy, are encouraged to apply

Duration: 1 year (full-time)

Assessment: Examination, coursework assignments, dissertation

Start date: End September

Intake: 20–25

Applying: University application form with transcripts

Closing date: 31 May

Funding: A limited number of fees-only studentships are available, to be awarded on a competitive basis

Fees: UK/EU (2011/12) full-time £4,500; international (2012/13) full-time £15,800

Careers: Academia; coastal engineering consultancy; Environment Agency; maritime local authorities

Find out more: National Oceanography Centre Southampton (NOCS) brochure

MSc Transportation Planning and Engineering

Admissions Tutor: Dr Nick Hounsell
Tel: +44 (0)23 8059 3705
Email: nbh@southampton.ac.uk
www.southampton.ac.uk/civil

This programme will help you develop the key skills required for effective transport planning and engineering in developed and less developed countries. From 2011 we anticipate that two new pathways, the Environment, and Intelligent Transport Systems, will be on offer.

Programme structure

Core modules: Transport Data Analysis and Techniques; Transport Economics; Transportation Engineering: Analysis and Design; Transportation Engineering: Transport Management; Transportation Planning: Policies and Methods; Transportation Planning: Practice

Two option modules from: Highway Engineering; Passenger and Freight Transport; Transport and Environment; Transport, Energy and the Environment

Plus: Individual project leading to dissertation

Key facts

Entry requirements: Upper second-class honours degree or equivalent in a related subject. Applicants with lower qualifications but with relevant experience are encouraged to apply

Duration: 1 year (full-time); 2–4 years (part-time)

Assessment: Coursework, examination, dissertation

Start date: End September

Intake: 30–40

Applying: University application form with transcripts

Closing date: 31 July

Funding: Research council scholarships

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £15,800

Careers: Local and central government; transport consultancies; transport operators

Environmental Management Programmes

MRes Ecological and Environmental Sciences
MRes Freshwater Sciences
MSc Biodiversity and Conservation
MSc Environmental Monitoring and Assessment
MSc Environmental Pollution Control
MSc Integrated Environmental Studies
MSc Water Resources Management

Email: masters@civil.soton.ac.uk
www.southampton.ac.uk/civil

Our MSc Integrated Environmental Studies programme provides the interdisciplinary knowledge and skills required for a career in the environmental sector. To meet the growing need for environmental managers, we have developed the Environmental Management Programme (EMP). There is a choice of two streams, taught postgraduate (MSc) or research (MRes), leading to named degrees. In choosing targeted degree outcomes, we have consulted with end users to identify their needs, then matched these to the University's expertise and centres of excellence.

Programme structure

Core modules by pathway:

MRes Ecological and Environmental Sciences: Communicating Science; Contemporary Global Environmental Issues; Environmental Law and Policy; Research Project Development; Techniques for Environmental Researchers

MRes Freshwater Sciences: Communicating Science; Freshwater Ecosystems; Hydrology and Water Resources; Research Project Development; Techniques for Environmental Researchers

MSc Biodiversity and Conservation: Biodiversity and Conservation; Freshwater Ecosystems; Research Project Development; Techniques for Environmental Researchers

MSc Environmental Monitoring and Assessment: Environmental Audit and Risk Assessment; Environmental Auditing; Environmental Management Systems; Research Project Development; Techniques for Environmental Researchers

MSc Environmental Pollution Control: Air Quality Pollution and Control; Biological and Chemical Aspects of Environmental Pollution; Research Project Development; Techniques for Environmental Researchers

MSc Integrated Environmental Studies: Contemporary Global Environmental Issues; Environmental Law and Policy; Research Project Development; Techniques for Environmental Researchers

MSc Water Resources Management: Freshwater Ecosystems: River and Fisheries Restoration; Hydrology and Water Resources; Research Project Development; River and Fisheries Restoration; Techniques for Environmental Researchers

Specialist modules from: A wide range in the environmental sciences, related social sciences, environmental engineering and ecology

Plus: Advanced research project

Key facts

Entry requirements: Upper second-class degree in an appropriate subject (eg environmental sciences, geography, biology) or equivalent training and experience (subject to approval)

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Assignments, coursework, open-book/written examinations, presentations

Start date: End September

Intake: 20–30

Applying: University application form with transcripts

Closing date: 31 July

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time: £15,800

Careers: Environmental consultant; environmental officer; environmental risk assessor; lecturer in environmental management systems; strategic planner; sustainable development advisor; waste recycling officer

In three consecutive assessments of research quality, we have been ranked among the top universities for economics in the UK.

Contact

Postgraduate research:
Tel: +44 (0)23 8059 2527
Email: ec-pgr@socsci.soton.ac.uk

Postgraduate taught:
Tel: +44 (0)23 8059 2629
Email: ec-pgi@socsci.soton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/socsci/economics

Staff publications are listed at
www.southampton.ac.uk/socsci/economics/staff

Dr Mirco Tonin

Research by Mirco Tonin has found that women are more motivated by 'the greater good' than men.

The study, carried out with Michael Vlassopoulos, finds that women are 10 per cent more productive when their work is linked to a social cause than when they have a similarly paid job in the private sector. Men show no difference in productivity.

Mirco says: "This gender difference in motivation may help to explain some of the gender gap in earnings, while understanding the workers' motivation has implications for the policy debate on whether services should be provided through the public, private or voluntary sectors."

m.tonin@soton.ac.uk

Mauro Testaverde

Mauro is studying for a MPhil/PhD in Economics.

He says: "When I was deciding where to study for my masters degree in economics, the University of Southampton was my favourite option because of its excellent reputation. I had the privilege of being awarded an ESRC 1+3 scholarship, which has covered the tuition fees for my masters and PhD. I thoroughly enjoyed my studies during my first year and I am now enrolled on the MPhil/PhD programme. The quality of teaching and the facilities here have given me skills that I am sure will help hugely when I enter the job market."

Economics

Academic staff: 25

Postgraduate research students: 20

Postgraduate taught students: Average of 80

RAE rating: In the 2008 RAE, 80% of research submitted by Economics at Southampton was ranked 'world-leading' or 'internationally excellent' (rated 3* and 4*). A recent analysis of the 2008 RAE data shows that Economics at Southampton is among the top seven economics and econometrics divisions in the UK.

Location: Highfield Campus

Internal links: Centre for Global Health, Population, Poverty and Policy; Centre for Population Change; Complexity Science ESRC National Centre for Research Methods; Mathematics

External links: Department of Health; ESRC

Resources: Research students are provided with PCs and office space; masters students have access to workstations and internet café facilities

Research areas

www.southampton.ac.uk/socsci/economics/research

Econometrics

We have three core strengths: econometric and statistical theory; the applied econometrics of labour markets; and financial econometrics. Our research is based on the application of advanced methods to economic problems.

Staff

John Aldrich, Chiara Binelli, Grant Hillier, Maozu Lu, Anastasios Magdalinos, Peter Phillips, Jean Yves Pitarakis, Jan Podivinsky, Francesca Rossi, Chris Schluter, Jackie Wahba

Macroeconomics

We are engaged in research relating to fundamental issues of macroeconomic theory and economic policy problems. Our staff form one of the largest macroeconomics groups in the UK. Our research focuses on the use of modern macroeconomics tools to address policy-relevant questions, and we are developing new macroeconomic models with microfoundations.

Staff

Hector Calvo Pardo, John Knowles, Roman Sustek

Microeconomics

We work on the analytical foundations of modern microeconomics and important areas of economic policy. We focus on the economic analysis of the drivers and effects of information and innovation on economic performance. Our research ranges across microeconomic theory, industrial organisation, labour, development and behavioural economics.

Staff

Spyros Galanis, Antonella Ianni, Max Kwiek, Miltos Makris, Carmine Ornaghi, Guilio Seccia, Peter Smith, Geoff Stewart, Jian Tong, Mirco Tonin, Thierry Verdier, Michael Vlassopoulos

Research programmes

PhD

See main details, page 74
www.southampton.ac.uk/socsci/economics/study/pg/research.html

Economics at Southampton has been awarded Doctoral Training Status by the ESRC. Full funding is available for strong applicants wishing to undertake frontier research. The programme has an important compulsory coursework component. Your work will be supervised by a staff member with related research interests, and an advisory group will oversee your academic progress. We offer advanced modules in economic theory, econometrics and macroeconomics, tailored to the interests of research students. School research training schemes provide advice and instruction in research methods, writing and presentational skills.

We host an extensive programme of seminars, visiting speakers and research workshops, where staff and students present their work in a more formal atmosphere. We will also encourage you to attend conferences and research workshops elsewhere; financial assistance can be provided through the Research Support Fund.

Key facts

Entry requirements: Masters degree in economics or econometrics

Duration: 3–4 years (full-time); up to 7 years (part-time)

Assessment: At least 3 specialist taught modules (minimum 60% qualifying mark); upgrading seminar from MPhil to PhD; PhD viva voce

Start date: September

Intake: 10

Applying: University application form with transcripts, research proposal

Closing date: None, but early application advised

Funding: ESRC studentships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Academic institutions; Bank of England; financial institutions; Financial Services Authority; international central banks; international finance ministries

Taught programmes

All taught full-time programmes consist of nine months of taught modules between October and June of the academic year, followed by three months of supervised research on a masters dissertation. The programmes start with a two-week intensive module in mathematics and statistics, to ensure that you have the requisite knowledge to undertake graduate-level modules in economic theory and econometrics (or economic quantitative theory, as appropriate).

MSc/PG Dip Economics

See main details, page 74
www.southampton.ac.uk/socsci/economics/study/pg

This ESRC-recognised research training programme will provide you with rigorous knowledge and understanding of the concepts, tools and methods of modern economics, and their application to the analysis of economic problems. It is designed to provide the training necessary for a career as an economist in the public or private sector, and to equip you to undertake independent research.

Programme structure

Compulsory modules: Macroeconomics; Microeconomics; Quantitative Economics; Quantitative Methods; Topics in Economic Theory; Topics in Macroeconomics

Option modules: Economic Policy in Development; Finance; Industrial Economics; International Macroeconomics and Finance; International Trade; Labour Economics; Trade Integration and the Political Economy of Trade Policy

Plus: Dissertation (10,000 words maximum: MSc only)

Plus: 2-week intensive module in mathematics and statistics

Please note: The list of options may vary slightly from year to year

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in economics or a related subject

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework and/or examination

Start date: September

Intake: 20

Applying: University application form with transcripts

Closing date: March for funding applicants

Funding: ESRC studentships and University scholarships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: Academic institutions; banking; civil service; international organisations; financial ministries

MSc/PG Dip Economics and Econometrics

See main details, page 74
www.southampton.ac.uk/socsci/economics/study/pg

This ESRC-recognised research training programme offers rigorous training in economic analysis and econometrics. It will suit those with a particular interest in the more quantitative aspects of the subject, and is one of the few courses in the UK to offer specialist training in advanced econometric techniques and their application.

Programme structure

Compulsory modules: Econometrics 1 and 2; Macroeconomics; Microeconomics; Quantitative Economics

Option modules: Advanced Topics in Econometrics; Economic Policy in Development; Finance; Industrial Economics; International Macroeconomics and Finance; International Trade; Labour Economics; Topics in Economic Theory; Topics in Macroeconomics; Trade Integration and the Political Economy of Trade Policy

Plus: Dissertation (10,000 words maximum: MSc only)

Plus: 2-week intensive module in mathematics and statistics

Please note: The list of options may vary slightly from year to year

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in economics or a related subject; you should have a good background in mathematics and statistics at undergraduate level

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework and/or examination

Start date: September

Intake: 10

Applying: University application form with transcripts

Closing date: March for funding applicants

Funding: ESRC studentships and University scholarships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: Academic institutions; banking; civil service; financial ministries; international organisations

MSc/PG Dip Finance and Economics

See main details, page 74
www.southampton.ac.uk/socsci/economics/study/pg

This programme will equip you with the specialist skills and knowledge to pursue a career at a high level within the financial sector, or to undertake research in finance. The taught modules provide training in economic analysis and quantitative techniques, coupled with practical knowledge of financial markets and their operations.

Programme structure

Compulsory modules: Economic Analysis; Financial Economics and Asset Pricing; Futures and Options; Principles of Corporate Finance; Quantitative Methods

Plus: Financial Econometrics; or two from: Economic Policy in Development; Industrial Economics; International Macroeconomics and Finance; International Trade; Labour; Trade Integration and the Political Economy of Trade Policy

Plus: Dissertation (10,000 words maximum: MSc only)

Plus: 2-week intensive module in mathematics and statistics

Please note: The list of options may vary slightly from year to year

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in economics or a related subject

Duration: 1 year (full time); 2 years (part-time)

Assessment: Coursework and/or examination

Start date: September

Intake: 50

Applying: University application form with transcripts

Closing date: None, but early application advised

Funding: University scholarships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: Academic and research organisations; banking and financial institutions; central and local government

We are a leading centre of educational research in the UK. Our work is advancing policy and practice in the fields of education, teaching and learning, both nationally and internationally.

Contact

Research Admissions:
Tel: +44 (0)23 8059 5699

Postgraduate Admissions:
Tel: +44 (0)23 8059 3476

Teacher Training Admissions:
Tel: +44 (0)23 8059 3473

Post-Compulsory Education and Training Admissions:
Tel: +44 (0)23 8059 3477

Email: educate@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/education

Staff publications are listed at
www.southampton.ac.uk/education

Professor Tony Kelly

School choice has remained popular with successive governments in the UK and elsewhere, and among low-income families who believe it can counteract the effect of wealth and privilege on educational outcomes. But important work by Professor Kelly has found potential problems with implementing school choice and with measuring its benefits for those from disadvantaged backgrounds.

Tony says: "The move to free schools is an emerging theme. There may be good arguments for the policy but we need first to define what we mean by 'free'. If the state is paying, it must be more than freedom for the better-off to educate their children away from those they don't like!"

a.kelly@southampton.ac.uk

Yuka Hirano

Yuka obtained her BA in Tokyo and worked as a language teacher before taking a masters at Southampton and then studying for an MPhil/PhD with a University studentship.

She says: "The programme has an excellent reputation, and I was over the moon when I received an offer and a studentship. Life at the University has opened a lot of new doors for me. I have presented my work at a range of events, including an internationally recognised conference."

Education

Academic staff: 74

Postgraduate research students: 162

Postgraduate taught students: 829

RAE rating: 10:25:45:20:0 (2008)

Location: Highfield Campus

Internal links: Biological Sciences; Chemistry; Health Sciences; Mathematics; Management; Medicine; Physics & Astronomy; Social Sciences

External links: International/national organisations in private/public sectors (eg armed forces; Department for Business, Innovation and Skills; Department for Education; ESRC; EU; HEFCE; History Association; JISC; local authorities; NHS; US National Science Foundation; Wellcome Trust; World Universities Network); ICSEI; AERA; IMA; IOP; Bera; EERA, and many others

Resources: New building (opened 2007); dedicated study areas with personal PC, desk and storage for full-time research students; printing facilities; social space; science learning centre; video conferencing and multimedia suite; meeting rooms/hot desk space for visiting researchers

Centres: Leadership, School Improvement and Effectiveness; Lifelong and Work-related Learning; Mathematics and Science Education; Social Justice and Inclusive Education

We have links throughout the world in all phases of education. We work closely with educators and trainers in the wider public sector and many areas of business and industry. We contribute an education perspective to researching key aspects of the future: how people will work; the health of future generations; securing the flow of those with science, technology, engineering and mathematics skills; and achieving an inclusive society.

Research centres

Leadership, School Improvement and Effectiveness

Our research looks at ways to deliver better outcomes for students. We have extensive national and international experience in assessing the impact of interventions, programmes and policy changes on educational outcomes in schools and in further and higher education.

Staff

Dr Cristina Azaola, Doreen Challen, Chris Downey, Dr Richard Harris, Professor Anthony Kelly, Dr Priya Khambhaita, Dr Gary Kinchin, Professor Jacky Lumby, Dr Felix Maringe, Professor Daniel Muijs (Centre Head), Willeke Rietdijk, Dr Natalyia Rumyantseva, Dr John Schulz

Lifelong and Work-related Learning

Research focuses on the changing relationship between education, the economy and society. We are interested in shifting patterns of participation in and transitions between further, higher and adult education, and in the opportunities individuals at different life stages and from different backgrounds have for personal, educational, vocational and professional development.

Staff

Dr Martin Dyke, Professor Alison Fuller (Centre Head), Alan Harding, Dr Brenda Johnston, Dr Peter Jones, Dr Zhen Li, Dr Malcolm Ogles

Mathematics and Science Education

Our research seeks to understand how people, communities and cultures acquire and use knowledge in mathematics and science. We work with learners, teachers, schools and other organisations to develop ways of advancing learning and teaching.

Staff

Dr Jenny Byrne, Dr Julie Ann Edwards, Ruth Edwards, Professor Lianghuo Fan (Centre Head), Ian Galloway, Caro Garrett, Dr Marcus Grace, Dr Janice Griffiths, Ros Hyde, Keith Jones, Dr Reena Pau, Dr Charis Voutsina, Dr Kath Woods-Townsend

Social Justice and Inclusive Education

We explore issues of equity, entitlement, access and participation in education. Our research seeks to develop knowledge, theories and methods that transform practice and policy and, as a result, challenge barriers to inclusion, extend opportunities for social justice and contribute to equality of opportunities and outcomes for all learners.

Staff

Dr Ghazala Bhatti, Dr Kalwant Bhopal (Centre Head), Dr Richard Harris, Professor Melanie Nind, Dr Sarah Parsons, Alex Woodgate-Jones, Dr John Woollard

Research programmes

PhD

Admissions Tutor: Dr Ghazala Bhatti
Tel: +44 (0)23 8059 5699
Email: educate@southampton.ac.uk
www.southampton.ac.uk/education_researchdegrees

This programme is suitable if you wish to explore a particular research question or topic through independent study in order to produce an original contribution to the subject.

Key facts

Entry requirements: MA/MSc in a relevant subject

Duration: 2–4 years (full-time); up to 6 years (part-time)

Assessment: Thesis (75,000 words), research training portfolio (9,000 words) (full-time students), viva voce

Start date: October/February/April

Intake: No limit

Applying: University application form with transcripts, two references, personal statement, project proposal

Closing date: None

Funding: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Higher education and university lecturers; postdoctoral researchers; public administration; teachers and operational executives

Integrated PhD Education

Admissions Tutor: Dr Ghazala Bhatti
Contact: See PhD, this page

This programme integrates a substantial taught element, incorporating research skills, subject-specific knowledge and interdisciplinary topics with a wide range of professional skills and a research project leading to a PhD thesis. You will receive one-to-one support from a supervisor with expertise in your area.

Programme structure

Core modules include: Communicating and Disseminating Research; Data Analysis; Data Collection; Philosophical Issues in Educational Research; Quantitative Methods; Research Skills and Processes

Option modules include: Action Research; Case Study Research; Qualitative Analysis; Methods for Researching Inclusion and Social Justice

Plus: Selected modules from our masters programmes

Key facts

Entry requirements: Good honours degree in a relevant subject; other interests/achievements will be considered

Duration: 3–4 years (full-time)

Assessment: Written assignment (portfolio 30,000 words), thesis (75,000 words), viva voce

Start date: October

Intake: No limit

Applying: University application form with transcripts, two references, personal statement, project proposal

Closing date: August

Funding: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Higher education and university lecturers; postdoctoral researchers; public administration; teachers and operational executives

Taught/research programmes

EdD Doctorate of Education

Admissions Tutor: Dr Sarah Parsons
Contact: See PhD, page 80

This programme will suit senior professionals in any phase of education, training, health and the caring professions who wish to extend their expertise, but are not intending to become career researchers. A combination of taught programme and research thesis emphasises research in the work environment.

Programme structure

Year 1: core research modules: Data Analysis; Data Collection; Philosophical Issues in Educational Research; Research Skills and Processes

Year 2:

Leadership and management: Theories of Leadership and Management; Comparative and International Perspectives; Management Processes

Plus: Thesis Studies

Please note: Modes of delivery and additional fields of study are under review

Key facts

Entry requirements: MA/MSc or equivalent, plus normally at least 3 years' professional experience

Duration: 3–4 years (full-time); 4–6 years (part-time)

Assessment: Assignments portfolio (30,000 words), thesis (45,000 words), viva voce

Start date: October

Intake: No limit

Applying: University application form with transcripts, two references, personal statement, project proposal

Closing date: None

Funding: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Educational consultants; senior organisational and educational practitioners; university, higher education, further education and adult education staff

MPhil Research Methodology

Admissions Tutor: Dr Ghazala Bhatti
Contact: See PhD, page 80

This programme is suitable if you wish to learn about social or educational research as part of professional practice. You will gain research competence through study of research methodology and its practical application. You will benefit from a stimulating environment, with seminars, workshops, one-to-one supervision and peer involvement.

Programme structure

Six taught core modules, two taught elective modules and a dissertation based on your own professional needs/interests

Key facts

Entry requirements: Good honours degree

Duration: 1-3 years (full-time); 2-5 years (part-time)

Assessment: Coursework, dissertation

Start date: October

Intake: No limit

Applying: University application form with transcripts, two references, personal statement, project proposal

Closing date: September

Funding: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Higher education and university lecturers; postdoctoral researchers; public administration; teachers and operational executives

Taught programmes

MA (Ed) Dissertation through Flexible Study

Admissions Tutor: Doreen Challen
Tel: +44 (0)23 8059 3476
Email: educate@southampton.ac.uk
www.southampton.ac.uk/education_taughtcourses

This programme is for education professionals who wish to investigate specific areas of interest through a combination of independent study and small-scale research, usually in their own work contexts. Designed as a flexible alternative to a traditional taught masters programme, it develops knowledge and expertise across a series of related assignments, building up to a dissertation. Patterns of tutor support are negotiable. The programme is also suitable for groups working collaboratively, and can be tailored to address organisational needs. We are happy to discuss ideas with prospective students or organisations.

Programme structure

You will complete three assignments plus a dissertation. Teaching is through tutorials, which are flexible and can be arranged outside University hours. Small-group support can be offered if appropriate. Regular attendance at classes is not normally required. However, you may attend any appropriate masters modules offered by Education.

Key facts

Entry requirements: A good honours degree from a recognised university. Students will usually have professional experience relating to their area of study

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Three assignments equivalent to 4,000 words, 8,000 words and 12,000 words; dissertation (16,000 words)

Start date: Registration in October and February each year

Intake: 10

Applying: Prospective applicants should first request further information from the postgraduate office: soepgadm@southampton.ac.uk. Subsequently, University application form with transcripts, two references, personal statement and (following discussion with tutor) project proposal

Closing date: We welcome applications throughout the year

Funding: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Education professionals and those involved in professional education and training across a wide range of disciplines

MSc Education

Admissions Tutor: Chris Downey
Tel: +44 (0)23 8059 3483
Email: educate@southampton.ac.uk
www.southampton.ac.uk/education_taughtcourses

Our postgraduate programmes offer the chance to work alongside internationally respected researchers. Our flexible route to a masters degree allows practitioners to research and develop more effective practice across different areas while gaining an MSc Education.

Programme structure

You will study a total of six modules and produce a dissertation.

Common modules: Understanding Educational Research; Issues in Learning and Teaching Research; Policy and Curriculum Matters; Dissertation Research Methods

Pathway modules and option modules: You will select one module from each pathway plus an option module. Pathway modules: Management and Leadership; Practice and Innovation; Specific Learning Difficulties. There may be opportunities to personalise study within these modules. Option modules reflect our research expertise in, for example: lifelong and work-related learning; leadership, school improvement and effectiveness; mathematics and science education; professional practice and pedagogy; social justice and inclusive education; leadership and administration in higher education; mentoring and staff development. One module may be selected from a wide range of masters modules offered across the University

Dissertation

Key facts

Entry requirements: Students will usually have a good honours degree from a recognised university, a teaching qualification or training, and some teaching experience

Duration: 1 year (full-time); 2 years (part-time)

Assessment: 6 assignments and a dissertation

Start date: October

Intake: New programme

Applying: University application form with transcripts, two references, personal statement

Funding: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Teachers; overseas and national government administration; senior educational and organisational practitioners; regional (local authority) staff; consultants in education

MSc Education Management and Leadership

Admissions Tutor: Chris Downey
Contact: See MSc Education, this page

This programme is taught by academics with expertise in management, leadership and school improvement and effectiveness. One of our research centres focuses directly on the issues covered by this programme; its research is recognised both nationally and internationally.

Programme structure

You will study a total of six modules and produce a dissertation. You will focus on management and leadership through studying two pathway modules and by selecting an appropriate option module. Specific details for all modules will be published at a later date, but are likely to include: theories of leadership and their application in educational contexts; accessing and applying evidence from educational research and enquiry in relation to management; issues related to the internationalisation and globalisation of education; mentoring and supporting staff development. There may be opportunities to personalise aspects of study within these modules.

Common modules: Understanding Educational Research; Learning and Teaching; Policy and Curriculum; Dissertation Research Methods

Option modules: These reflect our research expertise in areas such as: lifelong and work-related learning; leadership, school improvement and effectiveness; mathematics and science education; professional practice and pedagogy; social justice and inclusive education; leadership and administration in higher education; mentoring and staff development. It may be possible to select an option module from a range of masters modules offered across the University

Dissertation

Key facts

Entry requirements: A good honours degree from a recognised university; practical experience in the proposed area of study may be considered

Duration: 1 year (full-time); 2 years (part-time)

Assessment: 6 assignments and dissertation

Start date: October

Intake: New programme

Applying: University application form with transcripts, two references, personal statement

Funding: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Overseas and national government administration; senior educational and organisational practitioners; teachers; managers in education; regional (local authority) staff; consultants in education

MSc Education Practice and Innovation

Admissions Tutor: Alan Harding
Contact: See MSc Education, page 82

We have extensive research expertise in this area. You will engage in study and research in the company of internationally respected academics.

Programme structure

You will study a total of six modules and produce a dissertation. You will focus on education practice and innovation through the study of two pathway modules such as: Teaching and Learning Innovation; Curriculum Change and Innovation; and Lifelong and Work-related Learning in Context. There may be opportunities to personalise aspects of study within these modules.

Common modules: Understanding Educational Research; Learning and Teaching; Policy and Curriculum; Dissertation Research Methods

Option modules: one option module from a range of masters modules offered across the University. The option module will normally reflect our research expertise in areas such as: lifelong and work-related learning; leadership, school improvement and effectiveness; mathematics and science education; professional practice and pedagogy; social justice and inclusive education; leadership and administration in higher education; mentoring and staff development

Dissertation

Key facts

Entry requirements: Good honours degree from a recognised university; practical experience in the proposed area of study may be considered

Duration: 1 year (full-time); 2 years (part-time)

Assessment: 6 assignments and dissertation

Start date: October

Intake: New programme

Applying: University application form with transcripts, two references, personal statement

Funding: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Overseas and national government administration; senior educational and organisational practitioners; teachers; regional (local authority) staff; consultants in education

MSc Education Specific Learning Differences (SpLD)

Admissions Tutor: Julia Kender
Contact: See MSc Education, page 82

Building on the success of the MSc SpLD (Dyslexia), this revised course will provide you with additional flexibility and coverage, while retaining strong links between real-world classroom impact, current research and theory. Social inclusion is fundamental to educational principles and current initiatives expect teachers to adopt a flexible approach to diversity of needs. Your study will enable you to identify and support dyslexic individuals in a variety of situations.

Programme structure

You will study at least six modules and produce a dissertation. These will include at least three SpLD pathway modules addressing themed contexts. These will draw on research from cognitive psychology, neurology, genetics and education, and will cover matters relating to teaching methodology and assessment and identification.

Depending on your needs, you may be required to study specific option modules. These will reflect our research expertise in areas such as: social justice and inclusive education; professional practice and pedagogy; lifelong and work-related learning; leadership, school improvement and effectiveness; mathematics and science education; leadership and administration in higher education; and mentoring and staff development. It may be possible to select an option module from a range of masters modules offered across the University.

Professional practice: Subject to additional study and more specific entry requirements, places may be available to support you to gain additional professional qualifications recognised by the British Dyslexia Association (BDA), ie Associate Membership of the British Dyslexia Association (AMBDA) or approved teacher status (ATS). These specialist qualifications are increasingly recognised by local authorities and other employers. AMBDA status gives teachers the opportunity to assess and make recommendations for provisions for external examinations.

Key facts

Entry requirements: Good honours degree, teaching qualification and minimum of 2 years' teaching experience usually required. If you are seeking BDA accreditation, you must also be able to demonstrate support from your workplace and be working in a context which will enable you to undertake the placement components for this element of the programme. Standard university English language requirements for masters students apply

Duration: 1 year (full-time); 2 years (part-time)

Assessment: 6 assignments (each equivalent to 4,000 words), dissertation (16,000 words). A professional report and evidence-based practice file is required for the additional professional qualifications awarded by BDA

Start date: October

Intake: New programme

Applying: University application form with transcripts, 2 references, personal statement

Closing date: 15 September

Funding: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Overseas and national government administration; senior educational and organisational practitioners; teachers; SENCOs

Teacher training

Certificate in Education

Admissions Tutor: Louise Toone
Tel: +44 (0)23 8059 3477
Email: educate@southampton.ac.uk
www.southampton.ac.uk/education_taughtcourses

This certificate provides a professional teaching qualification for non-graduates and graduates, especially those working within adult and community education, the health services, social services, the armed forces, or the police and emergency services. It is fully consistent with the requirements of Lifelong Learning UK, Ofsted, the Higher Education Academy, the Basic Skills Agency and the QAA subject benchmarks for education studies. It incorporates all the standards for PTLLS, CTLLS and DTLLS.

Programme structure

Year one: Development of Teaching Resources; Identifying and Supporting the Needs of Individual Students; Practical Teaching and Planning Skills

Year two: Assessment and Evaluation; Course Planning; Research and Critical Analysis of Teaching and Learning Activities

Key facts

Duration: 2 years (part-time)

Assessment: Coursework, observation (no final examination)

Start date: September

Intake: 200

Closing date: None, but early application advised

Funding: Mandatory maintenance grant available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Teachers in further education, private and public sector organisations

Graduate Teacher Programme

Course Director: Keith Smith
Tel: +44 (0)23 8059 7512
Email: gtp@southampton.ac.uk
www.southampton.ac.uk/education_taughtcourses

This employment-based route to qualified teacher status (QTS) will suit you if you want to continue earning while training. It offers a school-based route in teacher training for English, geography, history, information technology, mathematics, modern languages, physical education, primary education, religious education and sciences. You will learn how to plan, teach and assess, and how to organise and manage a classroom. You must have experience of working in a school.

Key facts

Entry requirements: Good honours degree or equivalent; GCSE grade C or above (or equivalent) in mathematics and English. For primary teaching you must also have GCSE grade C or above (or equivalent) in science. You need to establish a relationship with a school which is prepared to employ you for a year as an unqualified teacher

Duration: 1 year (full-time)

Assessment: Takes place throughout the programme, particularly through lesson observation by mentors and tutors

Start date: September

Intake: 50

Applying: School and/or candidate should send a CV and reference to the GTP Administrator: gtp@southampton.ac.uk

Closing date: Visit our website for information on closing dates

Funding: Supernumerary positions receive a TDA grant; a limited number of training grant places are available where the applicant is filling a vacancy. Self-funded places are available for applicants working in an independent school

Careers: Teachers and senior management

Postgraduate Certificate in Education (PGCE)

General enquiries
All applications for primary and secondary teacher training places are handled centrally by the Graduate Teacher Training Registry (**www.gttr.ac.uk**). You should contact them for information in the first instance.

PGCE Primary Course Director: Doreen Challen
PGCE Secondary Course Director: Kate Green
Tel: +44 (0)23 8059 3473
Email: educate@southampton.ac.uk
www.southampton.ac.uk/education_taughtcourses

Our PGCE programme offers the opportunity to qualify with 60 or 30 credits towards a masters qualification. Two small-scale research projects will extend your reflection on elements of your work as a subject teacher. You will be able to complete a full masters as part of your professional development in the early part of your career. In recent Ofsted inspections, these programmes have consistently been rated highly by former trainees.

PGCE Primary Education

Primary Education courses available in: General Primary; Primary (French Specialism)

Our primary PGCE programme trains you thoroughly to teach children aged 5–11 years and to become an informed, reflective and enquiring professional. You will learn how to plan, teach and assess across the primary curriculum, and to manage and organise a classroom. A specialism in Modern Foreign Languages (French) is also offered.

Key facts

Entry requirements: A degree awarded by a British university or by the Council for National Academic Awards, or an equivalent qualification, plus O level or GCSE passes (grades A*–C), or equivalent, in English language, mathematics and science (preferably double science). Most students hold at least an upper second-class honours degree. For the French specialism, you should also have at least A level French or equivalent experience. You should have some experience of working with children, in a paid or voluntary role, and should, if necessary, organise some time in primary classrooms before applying.

Duration: 1 year (full-time)

Assessment: You must complete school placements successfully, along with all University coursework and assignments. For qualified teacher status (QTS), you must also have passed the QTS skills tests in literacy, numeracy and ICT. Successful submission of assignments at masters level enables you to exit with a Postgraduate Certificate in Education which bears masters-level credits. If your assignments pass at professional rather than masters level, a Professional Graduate Certificate in Education is awarded. Both awards lead to QTS.

Start date: September

Intake: 166

Applying: Application is through the Graduate Teacher Training Registry; online application form (**www.gttr.ac.uk**), or telephone +44 (0)870 1122 205 for a printed form; all suitable applicants are invited for interview

Closing date: None, but early application is strongly advised as places fill quickly; most candidates apply by December in the year prior to entry

Funding: **www.southampton.ac.uk/education_postgraduate_funding**; check bursaries through the TDA website: **www.tda.gov.uk**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Primary school teachers

PGCE Secondary Education

Secondary Education courses available in: English; geography; history; information technology; mathematics; modern languages; physical education; religious education; sciences

This programme provides training for those who wish to teach within the 11–18 age range in schools. While the PGCE is for the 11–18 age range, training for the QTS award is for 11–16 in accordance with organisation of education locally. Depending on your background, you will be recruited to a main curriculum subject group such as English, history, geography, information technology, mathematics, modern languages, music, religious education, physical education or sciences. You will learn how to plan, teach and assess, and how to organise and manage a classroom. Supervised school experience will be provided in two distinct blocks during the year.

Subject Knowledge Enhancement (SKE) programmes

SKE programmes in mathematics and physics: Mathematics SKE courses run over 28 weeks (commencing in December before entry to PGCE the following year) and over 24 weeks in physics (commencing in January before entry to PGCE the following year). Entry to these courses is advised by tutors on application to the PGCE programme, where a degree background may be assessed as not suitable for the 12-month programme. Contact us or see our website for more details.

Note: SKE programmes are not open to overseas students.

Key facts

Entry requirements: A degree awarded by a British university or by the Council for National Academic Awards at grade 2:2 or above, or an equivalent qualification, plus O level or GCSE passes (grades A*–C), or equivalent, in English language and mathematics. Most students hold at least an upper second-class honours degree in a relevant subject. Those with a lower degree class (2:2) and suitable classroom experience will be

considered. You will be expected to have some experience of working with children in either a paid or voluntary role

Duration: 1 year (full-time); SKE is offered to candidates in need of a subject knowledge boost

Assessment: Continuous University and school placement assessment, plus completion of 2 major assignments which are assessed against masters-level criteria. To be awarded qualified teacher status (QTS), you must achieve at least a 'pass' in all aspects of the programme, and successfully pass the QTS skills tests in literacy, numeracy and ICT

Start date: September

Intake: 190

Applying: Application is through the Graduate Teacher Training Registry; online application form (**www.gttr.ac.uk**) or telephone +44 (0)870 1122 205 for a printed form; all suitable applicants are invited for interview

Closing date: None, but early application is strongly advised as places fill quickly

Funding: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Secondary school teachers

PGCE Post-Compulsory Education and Training

Admissions Tutor: Louise Toone
Contact: See Certificate in Education, page 84

The PGCE is a recognised teaching qualification, endorsed by Standards Verification UK and the Higher Education Academy. It meets all the requirements for PTLLS, CTLLS and DTLLS. This professional development programme is relevant for all adult trainers, and those working in adult and community education, the health services, social services, armed forces, and the police and emergency services. You will gain increased understanding of the teaching and learning process, acquire competence in curriculum design and the assessment of learning, and expand your professional knowledge of post-compulsory education. Successful completion of the programme carries 60 credits at masters level.

Programme structure

Year one: Development of Teaching Resources; Identifying and Supporting the Needs of Individual Students; Practical Teaching and Planning Skills

Year two: Course Planning; Management of Teaching in Post-Compulsory Education and Training; Research and Critical Analysis of Teaching Activities

Key facts

Entry requirements: **www.southampton.ac.uk/education_taughtcourses**

Duration: 2 years (part-time)

Assessment: Coursework, observation (no final examination)

Start date: September

Intake: 100

Applying: University application form with transcripts, reference, personal statement

Closing date: None, but early application advised

Funding: Mandatory maintenance grant available: **www.southampton.ac.uk/education_postgraduate_funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Armed forces trainers; teachers in further education, public and private sector organisations

Electronics & Computer Science (ECS) is the leading university department of its kind in the UK, with an international reputation for world-class research.

Contact

PhD Admissions Office: Tracey Cantlie
Tel: +44 (0)23 8059 2882
Email: phd-admissions@ecs.soton.ac.uk

MSc Admissions: See individual programmes for details of admissions tutors
Tel: +44 (0)23 8059 2630
Email: msc-admissions@ecs.soton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.ecs.soton.ac.uk/admissions/pg

Staff publications are available at:
http://eprints.ecs.soton.ac.uk

Professor Nick Jennings

Professor Jennings leads ORCHID, a new £10m research project, funded by EPSRC and BAE Systems, which will tackle the understanding, designing, building and deployment of systems that are composed of human-agent collectives – people and computational agents operating together on a global scale.

Nick says: "These collectives will become an increasing feature of our daily lives as mobile phones, sat navs, sensing systems and other electronic devices become more powerful and ubiquitous. The ORCHID project will tackle the entire lifecycle of systems composed of human-agent collectives, from the underpinning theory to the application of the systems in the real-world critical domains of energy systems and disaster response."

www.orchid.ac.uk

Clare Owens

Clare is an EngD student, who has IBM as her industrial sponsor.

She is thoroughly enjoying her time at Southampton. "Working on my doctorate in ECS continues to be a fantastic experience. It's wonderful to be surrounded by so many bright minds, to have the focused attention of my supervisor and the opportunity to get to know – and collaborate with – the other researchers. There's a real sense of community in ECS, which makes it a pleasure to be here."

Electronics & Computer Science (ECS)

Head of ECS: Professor Neil White

Academic and research staff: 250

Postgraduate research students: 280

Postgraduate taught students: 350

RAE rating: Computer science: second in UK; electronics and electrical engineering: sixth in UK (2008)

Location: Highfield Campus

Internal links: Institute of Sound and Vibration Research (ISVR); Optoelectronics Research Centre (ORC); Biological Sciences; Chemistry; Engineering Sciences; Medicine; Physics & Astronomy; Social Sciences

External links: Leading commercial companies/agencies and research centres worldwide

Resources: £100m state-of-the-art clean room and associated labs in Mountbatten Building; Tony Davies High Voltage Laboratory (one of the best in Europe); project labs; technical workshops; industrial and business units; bioelectronics and biometrics labs; the latest computing and multimedia facilities

Centres: We host around 20 centres and institutes, including: ORCHID, BAE Systems/EPSRC Strategic Partnership in Human-Agent Collectives; Institute for Complex Systems Simulations; IT Innovation; Mobile Virtual Centre of Excellence; Pervasive Systems Centre; Southampton Nanofabrication Centre; Web Science Doctoral Training Centre

ECS is unique in the UK in its integration of electronics and computer science, its distinguished record of research success and the scale of its research activities. We have a thriving graduate school, with a strong emphasis on providing you with the best possible research training and future opportunities.

Research centres and groups

Communications

Head of Group: Professor Lajos Hanzo
www.comms.ecs.soton.ac.uk

We play a key role in researching and advancing the technologies necessary to facilitate a quantum leap in mobile phone technology, and aim to develop next-generation wireless communications systems and their components. Long-term research focuses on communications and information theory, which informs more short-term, applied research, and appeals directly to global industrial partners. We are involved in the Virtual Centre of Excellence in Mobile and Personal Communications (**www.mobilevce.com**).

Staff

Professor Sheng Chen, Professor Lajos Hanzo, Dr Rob Maunder, Dr Soon Xin Ng, Dr Lie Liang Yang

Dependable Systems and Software Engineering

Head of Group: Professor Michael Butler
www.dsse.ecs.soton.ac.uk

Our primary research objective is to increase the dependability of software-based systems through the provision of architectures, construction methods, validation tools and the general advancement of software science. Our work has a strong mathematical underpinning, but is driven by practical experience, objectives and validation.

Staff

Professor Michael Butler, Dr Corina Cirstea, Dr Bernd Fischer, Dr Denis Nicole, Dr Mike Poppleton, Dr Julian Rathke, Professor Vladimiro Sassone, Dr Pawel Sobocinski, Dr Ken Thomas, Dr Robert Walters

Electrical Power Engineering

Head of Group: Professor Alun Vaughan
www.epe.ecs.soton.ac.uk

Our activities range from fundamental, numerical modelling studies to the development of novel products and procedures in collaboration with industry. Our industrial sponsors include Alcatel Submarine Systems, Astra Pharmaceuticals, Dstl, National Grid and Prysmian. We are a founder member of the UK Power Academy, and we manage one of the best equipped high-voltage research laboratories in Europe.

Staff

Dr George Chen, Dr Christopher Freeman, Dr Igor Golosnoy, Professor Paul Lewin, Dr Mihai Rotaru, Dr David Swaffield, Professor Steve Swingler, Professor Jan Sykulski, Professor Alun Vaughan

Electronic Systems and Devices

Head of Group: Professor Neil White
www.esd.ecs.soton.ac.uk

We are one of the largest UK groups in our field, with interests in all aspects of system design and development. We are internationally recognised in the development of novel algorithms and methodologies to underpin EDA tool development for large-system design and test of intelligent sensor microsystems.

Staff

Professor Bashir Al Hashimi, Dr Steve Beeby, Professor Andrew Brown, Dr Paul Chappell, Dr Nick Harris, Dr Tom Kazmierski, Dr Koushik Maharatna, Dr Geoff Merrett, Dr Jeff Reeve, Professor Neil White, Dr Peter Wilson, Professor Mark Zwolinski

Information: Signals, Images, Systems

Head of Group: Professor Mahesan Niranjan
www.isis.ecs.soton.ac.uk

Our multidisciplinary team of 60 researchers works in four key domains: image processing and computer vision (pre-processing, feature extraction, image analysis); machine learning (development and application of new theories); speech science and technology (from basic science underpinning production and perception to applications in biomedicine and improved human–computer interaction); and systems and control (theoretical development and applications).

Staff

Dr John Carter, Professor Bob Damper, Dr Mark French, Professor Steve Gunn, Professor Chris Harris, Dr Sasan Mahmoodi, Dr Ivan Markovsky, Professor Mahesan Niranjan, Professor Mark Nixon, Dr Adam Prugel-Bennett, Dr Paolo Rapisarda, Professor Eric Rogers

Intelligence, Agents, Multimedia

Head of Group: Professor Nick Jennings
www.iam.ecs.soton.ac.uk

We are a world leader in our field, with 100 researchers and a broad-based, multidisciplinary and interdisciplinary research agenda. Our three major themes (intelligence, agents, multimedia) come together in a number of grand challenges for computer science, including grid computing, the Semantic Web and pervasive computing environments. (See also page 91 for PhD opportunities in web science.)

Staff

Professor Sir Tim Berners Lee FRS, Dr Les Carr, Dr Enrico Costanza, Dr Richard Crowder, Dr Enrico Gerding, Dr Nick Gibbins, Professor Dame Wendy Hall FRS, Professor Stevan Harnad, Professor Nick Jennings, Professor Paul Lewis, Dr Kirk Martinez, Professor Luc Moreau, Dr Maria Polukarov, Dr Sarvapali Ramchurn, Dr Alex Rogers, Dr MC Schraefel, Professor Nigel Shadbolt, Dr Mark Weal, Ed Zaluska

Learning Societies Lab

Head of Group: Professor Hugh Davis
www.lsl.ecs.soton.ac.uk

We specialise in identifying leading-edge technologies and applying them to emerging models of research-led teaching in order to improve the learning experience. Our research considers all aspects of technology and how it can be used to empower people and organisations.

Staff

Dr David Argles, Professor Hugh Davis, Lester Gilbert, Dr Andrew Gravell, Dr David Millard, Dr Thanassis Tiropanis, Dr Mike Wald, Dr Su White, Dr Gary WIlls

Nano

Head of Group: Professor Michael Kraft
www.nano.ecs.soton.ac.uk

Our initial research into silicon microelectronic devices has progressed to fabrication and engineering at the nanometre-length scale to produce small, integrated systems on chips. This includes the creation and characterisation of new metamaterials, and the study of biomimetics, which aims to apply evolutionary solutions from the natural world to optical and mechanical problems.

Our new £100m Mountbatten Building is one of the leading multidisciplinary clean room facilities in Europe.

Staff

Professor Peter Ashburn, Professor Darren Bagnall, Dr Harold MH Chong, Dr Kees de Groot, Dr Maurits de Planque, Dr Nic Green, Professor Michael Kraft, Professor Hiroshi Mizuta, Professor Hywel Morgan, Professor Bill Redman-White, Dr Yoshishige Tsuchiya

Optoelectronics Research Centre (ORC)

Director: Professor David Payne
www.orc.soton.ac.uk

The ORC (and its predecessors) has played a leading role in optics for 40 years, and remains at the forefront of photonics advances today. We provided key components enabling the communications revolution of the late 20th century. The ORC shares some staff and facilities with ECS. (See also page 178.)

Staff

Dr Tracy Melvin, Dr Trevor Newson, Professor David Payne, Professor Harvey Rutt, Professor Peter Smith and Professor James Wilkinson

Pervasive Systems Centre

Directors: Professor Bashir Al-Hashimi
www.psc.ecs.soton.ac.uk

Computing devices are becoming smaller and more numerous, interacting through a variety of communications technologies, and interconnected to the global infrastructure of the internet, web and grid. Designing and building these systems demands multidisciplinary skills and a systems perspective. We draw on expertise from across ECS, from system on chip, biological and nature-inspired systems, to build the next-generation grid and understanding the science of the web.

Science and Engineering of Natural Systems (SENSe)

Senior Lecturer: Dr Seth Bullock
www.sense.ecs.soton.ac.uk

SENSe exploits the interface between biological sciences and IT systems. We aim to further understanding of biological and other natural systems, and the development and application of novel computational systems and techniques inspired by nature. (See also page 91 on PhD opportunities in the Institute for Complex Systems Simulation.)

Staff

Dr Seth Bullock, Dr Srinandan Dasmahapatra, Dr Terry Elliott, Dr Jason Noble, Dr Richard Watson, Dr Klaus-Peter Zauner

Research programmes

PhD

PhD Admissions: Professor Luc Moreau
Tel: +44 (0)23 8059 2882
Email: phd-admissions@ecs.soton.ac.uk
www.ecs.soton.ac.uk/admissions/pg

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: Typically 3 years (full-time)

Assessment: Thesis

Start date: October (but possible throughout the year)

Intake: 70

Applying: University application form with transcripts, research proposal

Closing date: None, but early application advised

Funding: Applicants receiving a formal offer are considered (subject to eligibility) for the following studentships: Contract Scholarships; ECS Studentship (full fees and maintenance); EPSRC Doctoral Training Awards

Fees: UK/EU (2011/12) full-time £3,732; international (2012/13) full-time £17,400

Careers: Leading positions in academia and industry, including ECS spin-out companies; postdoctoral and senior positions at leading universities worldwide

Find out more: ECS research prospectus, research group websites

Integrated PhD Computer Science/ Electrical Engineering/Electronic Engineering

Integrated PhD Admissions: Tracey Cantlie
Tel: +44 (0)23 8059 2882
Email: iphd-admissions@ecs.soton.ac.uk
www.ecs.soton.ac.uk/admissions/pg

This programme is specially designed for international candidates, offering a one-year, specialist-taught MSc course, followed by progression to a three-year PhD programme. We aim to provide you with the necessary knowledge and skills for a career as a researcher and teacher, or in public or private research organisations.

Programme structure

Year 1 core modules: 120 credits from modules available (see **www.ecs.soton.ac.uk/admissions/pg/iphd**)

Plus: 13-week, MSc-level project based in one of the computer science, electrical or electronics research groups, leading to dissertation

Years 2 to 4: Full, PhD-level thesis

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: 4 years (full-time)

Assessment: Examinations, project, dissertation (year 1); thesis, viva voce (years 2 to 4)

Start date: October

Intake: 10

Applying: University application form with transcripts

Closing date: June

Funding: Applicants must be self-funded

Fees: UK/EU (2011/12) full-time £3,732; international (2012/13) full-time year 1 £15,800, years 2 to 4 £17,400

Careers: Leading positions in academia and industry

Find out more: Information packs, brochures

Doctoral Training Centres (DTCs)

Institute for Complex Systems Simulation

Director: Dr Seth Bullock
Tel: +44 23 8059 5776
Email: sgb@ecs.soton.ac.uk
www.icss.soton.ac.uk

The Institute incorporates an innovative, EPSRC-funded doctoral programme recruiting 20 students per year. The four-year doctoral programme comprises a one-year taught component followed by a three-year research project chosen or even defined by students themselves. Fully funded studentships are available.

The Institute's research addresses live challenges in a broad set of application domains and fundamental problems in complex systems theory. Target systems span 22 orders of magnitude, from sub-atomic interactions to global processes.

Web Science Doctoral Training Centre

Director: Professor Dame Wendy Hall
Tel: +44(0)23 8059 2630
Email: lac@ecs.soton.ac.uk
http://webscience.ecs.soton.ac.uk/dtc/

The Web Science DTC, funded by the RCUK Digital Economy Programme, underlines Southampton's pre-eminence in this new research discipline.

Web science has an ambitious agenda. It is inherently interdisciplinary – as much about social and organisational behaviour as about technology. Its research programme targets the web as a primary focus of attention, adding to our understanding of its architectural principles, its development and growth, its capacity for furthering global knowledge and communication, and its inherent values of trustworthiness, privacy and respect for social boundaries.

Enhanced fully funded studentships are available for UK applicants; tuition-only studentships are available for EU residents.

MSc Research

Admissions Tutor: Dr Mark French
Contact: See MSc Artificial Intelligence, page 92

The MSc by research is an innovative research-oriented degree aimed at the most academically able students. This one-year programme can provide the stepping stone to a PhD or can lead directly to an R&D career in industry. One-third of the degree is taught, and includes technical modules freely drawn across the whole spectrum of ECS MSc postgraduate courses. The remainder is dedicated to an individual research project, working directly with your supervisor and based in one of the ECS research groups.

Each project provides a natural continuation to a PhD, and ECS guarantees to fund a minimum of 10 per cent of the top students on this programme to complete a PhD. Students are also well placed for consideration for other funding to continue to PhD programmes both in ECS and elsewhere. Please note that access to funding is highly competitive. See Key facts for taught programmes below.

Taught programmes

Key facts for all taught programmes

Entry requirements: First- or upper second-class honours degree or equivalent in an appropriate discipline (eg mathematics, physics, engineering, computer science); additional entry requirements for MSc Web Technology are given on our website

Duration: 1 year (full-time)

Assessment: Examinations, written full-time project (design, development or research), dissertation

Start date: October

Intake: 250 (across all programmes)

Applying: University application form with transcripts

Closing date: None, but early application advised

Fees: UK/EU (2011/12) full-time £4,500; international (2012/13) full-time £15,800

Careers: Further research; industry; management

Find out more: MSc programme prospectus, research group brochure and **www.ecs.soton.ac.uk/admissions/pg/msc**

Please note: Modules may change (syllabus is updated annually)

MSc Artificial Intelligence

Admissions Tutor: Dr Adam Prugel-Bennett
Tel: +44 (0)23 8059 2630
Email: msc-admissions@ecs.southampton.ac.uk
www.ecs.soton.ac.uk/admissions/pg/msc/1011/artificial_intelligence.php

This research-led MSc incorporates traditional and state-of-the-art aspects of AI and machine learning, through a contemporary approach which covers the fundamental aspects of traditional symbolic and sub-symbolic aspects. The programme is based in the ISIS and IAM groups and will prepare you for a range of interdisciplinary careers.

Programme structure

Semester 1: Evolution of Complexity; Foundations of Artificial Intelligence; Knowledge Technologies; Robotic Systems

Semester 2: Biologically Inspired Robotics; Computational Finance; Computer Vision; Machine Learning; Semantic Web Technologies

Semester 3: Three-month, independent, individual research project, culminating in a dissertation

MSc Bionanotechnology

Admissions Tutor: Dr Nicolas Green
Contact: See MSc Artificial Intelligence, this page
www.ecs.soton.ac.uk/admissions/pg/msc/1011/bionanotechnology.php

Bionanotechnology – the functional integration of nanofabricated structures and biological molecules – is an important area in nanotechnology, with applications such as molecular machines, biosensors and self-assembled nanostructures (note: 'bionanotechnology' does not refer to genetic modification, which is included in programmes such as Biotechnology or Biomedical Engineering).

Programme structure

Semester 1: Integrated Circuit Design; Introduction to Bionanotechnology; Introduction to MEMS; Lab on Chip; Microfabrication; Nanoelectronic Devices; Optical Fibre Communications; Research Methods

Semester 2: Bionanotechnology Lab Project; Biosensors; Independent Research Review; Instrumentation and Sensors; Logic and Quantum Devices; Memory and Spintronic Devices; MEMS Lab Project; MEMS Sensors and Actuators; Nanofabrication and Characterisation; Photonic Devices

Semester 3: Three-month, individual research project, culminating in a dissertation

MSc Energy and Sustainability with Electrical Power Engineering

Admissions Tutor: Professor Paul Lewin
Contact: See MSc Artificial Intelligence, this page
www.ecs.soton.ac.uk/admissions/pg/msc/1011/energy_sustainability.php

This course considers aspects of sustainable energy generation and the issues concerned with bulk electrical energy transport to the ultimate user. In order to design and develop our future energy networks, we must have knowledge and understanding of the current infrastructure. This course provides a solid grounding in generation, transmission and distribution engineering, in addition to considering the wider issues of energy, renewable generation and sustainability. Potential students should have a first degree in engineering, physics or applied mathematics. The course is particularly relevant for students considering a career in the electrical power industry.

MSc MicroElectroMechanical Systems (MEMS)

Admissions Tutor: Dr Steve Beeby
Contact: See MSc Artificial Intelligence, this page
www.ecs.soton.ac.uk/admissions/pg/msc/1011/micro_systems_design.php

Electronic technologies have evolved to the extent that modern device features are measured in nanometers. As a result, many new device concepts, fabrication methods and characterisation techniques have emerged. MicroElectroMechanical Systems (MEMS) exploits techniques developed by the microelectronics industry to produce micron-scale mechanical devices such as accelerometers and micropumps on silicon wafers.

Programme structure

Semester 1: Integrated Circuit Design; Introduction to Bionanotechnology; Introduction to MEMS; Lab on Chip; Microfabrication; Nanoelectronic Devices; Optical Fibre Communications; Research Methods

Semester 2: Bionanotechnology Lab Project; Biosensors; Independent Research Review; Instrumentation and Sensors; Logic and Quantum Devices; MEMS Lab Project; MEMS Sensors and Actuators; Memory and Spintronic Devices; Music and Audio Technology; Nanoelectronics Lab Project; Nanofabrication and Characterisation; Photonic Devices

Semester 3: Three-month, independent, individual research project, culminating in a dissertation

MSc Microelectronics Systems Design

Admissions Tutor: Dr Peter Wilson
Contact: See MSc Artificial Intelligence, page 92
www.ecs.soton.ac.uk/admissions/pg/msc/1011/micro_systems_design.php

The field of microelectronics systems design embodies many of the key skills relating to integrated circuit design and electronic systems engineering. This cutting-edge programme examines aspects of system integration and discrete device properties, and is an excellent platform for further research in the Nano group and the Electronic Systems and Devices group.

Programme structure

Semester 1: Digital Integrated Circuit Design; Digital System Design; EDA; Integrated Circuit Design; Nanoelectronics Devices; Research Methods

Semester 2: Analogue and Mixed-signal CMOS Design; Digital Systems Synthesis; Integrated RF Transceiver Design; VLSI Design Project

Semester 3: Three-month, independent, individual research project, culminating in a dissertation

Msc Nanoelectronics and Nanotechnology

Admissions Tutor: Dr Kees De Groot
Contact: See MSc Artificial Intelligence, page 92
www.ecs.soton.ac.uk/admissions/pg/msc/1011/nanoelectronics.php

Nanoelectronics and nanotechnology include scaling of commercially available logic and memory devices such as MOSFETs, SRAM, FLASH and hard disk drives into the future in which these devices are only a few tens of nanometers long. The course includes the development of new materials and effects that exploit the inherent quantum mechanical nature of devices at that scale. You will learn about device operation and will also gain a strong grounding in how to make and characterise these devices.

Programme structure

Semester 1: IC Design; Introduction to Bionanotechnology; Introduction to MEMS; Lab on Chip; Microfabrication; Nanoelectronic Devices; Optical Fibre Communications; Research Methods

Semester 2: Bionanotechnology Lab Project; Biosensors; Independent Research Review; Instrumentation and Sensors; Logic and Quantum Devices; Medical Electrical and Electronic Technology; Memory and Spintronic Devices; MEMS Lab Project; MEMS Sensors and Actuators; Nanoelectronics Lab Project; Nanofabrication and Characterisation; Photonic Devices

Semester 3: Three-month, independent, individual research project, culminating in a dissertation

MSc Software Engineering

Admissions Tutor: Dr Julian Rathke
Contact: See MSc Artificial Intelligence, page 92
www.ecs.soton.ac.uk/admissions/pg/msc/1011/software_eng.php

This programme covers traditional and contemporary approaches to software development, from formal methods to object-oriented programming. You will study with leading experts in subjects such as computer vision, critical systems, cryptography, distributed computing systems, e-business, intelligent agents, model checking and multimedia.

Programme structure

Semester 1: Advanced Object-oriented Development; Advanced Topics on Web Services; Applications of Security in Information Technologies; Assistive Technologies and Universal Design; Hypertext and Web Technologies; Research Methods in Computing; Safety Critical Systems; Technologies for Electronic Commerce

Semester 2: Advanced Machine Learning; Advanced Software Engineering; Cryptography and Data Compression; Distributed Computing Systems; E-business Strategy; Formal Design of Systems; Internet Law: Privacy, Crime, Security; Rich Internet Applications; Semantic Web Technologies

Semester 3: Three-month, independent, individual research project, culminating in a dissertation

MSc Systems and Signal Processing

Admissions Tutor: Professor Mahesan Niranjan
Contact: See MSc Artificial Intelligence, page 92

This programme is structured around a core of topics in signal processing, with specialisms in control and systems theory, image processing and machine learning. The skills developed are sought after by industry (biotech, financial services, systems engineering, medical imaging, etc) and the academic research community. The modules have a high mathematical content, and much of the material is strongly computationally based, developing strong transferable skills in algorithmic development and programming.

Programme structure

Semester 1: Intelligent Algorithms; Control Systems Design; Research Methods (C); Signal Processing; Image Processing

Semester 2: Project Preparation; Advanced Systems and Signal Processing; Machine Learning; Computational Finance; Digital Control System Design; Advanced Computer Vision; Biometrics; Applied Identification and Control

Semester 3: Three-month, independent, individual research project, culminating in a dissertation

MSc System on Chip

Admissions Tutor: Dr Peter Wilson
Contact: See MSc Artificial Intelligence, page 92
www.ecs.soton.ac.uk/admissions/pg/msc/1011/system_on_chip.php

Systems in mobile telephones, PDAs, cars and aircraft are shrinking, with the majority of design now implemented as a single integrated circuit. This course prepares you for the rapidly changing skills required to support this. The programme shares many features with our more established MSc Microelectronics Systems Design, but the focus is on integrated systems approaches.

Programme structure

Semester 1: Digital Integrated Circuit Design; Digital System Design; Research Methods; System on Chip Design Techniques; System on Chip EDA

Semester 2: Analogue and Mixed-signal CMOS Design; Cryptography and Data Compression; Digital System Synthesis; Formal Design of Systems; Integrated Radio Frequency Transceiver Design; Radio Communications Networks and Systems; VLSI Design Project

Semester 3: Three-month, independent, individual research project, culminating in a dissertation

MSc Web Science

Admissions Tutor: Dr Les Carr
Contact: See MSc Artificial Intelligence, page 92
www.ecs.soton.ac.uk/admissions/pg/msc/1011/web_science.php

Web science analyses the impact of the web on business, government, law and science itself. Pioneered by ECS in the UK and MIT in the USA, web science uses multidisciplinary techniques to explore the impact of the web on all aspects of human society, from the individual right through to a global scale.

Programme structure

Semester 1: Foundations of Web Science; Hypertext and Web Technologies for Masters; Research Methods in Computing; Research Methods Group Project

Semester 2: Advanced Research Skills (qualitative); Discourse Analysis; Distributed Computing Systems; Graph Theory; Independent Disciplinary Review; Large-scale Distributed Systems; Microeconomic Theory; Public Economics; Internet Law; Semantic Web Technologies

Semester 3: Three-month, independent, individual research project, culminating in a dissertation

MSc Web Technology

Admissions Tutor: Dr Les Carr
Contact: See MSc Artificial Intelligence, page 92
www.ecs.soton.ac.uk/admissions/pg/msc/1011/web_technology.php

This programme covers the current and emerging technologies supporting web-based software systems, and is taught by leading experts. Since the inception of the web, there have been two major developments: social and collaborative applications, and the semantic web. You will explore these through core modules, web technology and your own social and collaborative websites.

Programme structure

Semester 1: Advanced Topics on Web Services; Applications of Security in Information Technology; Assistive Technologies and Universal Design; Foundations of Web Science; Hypertext and Web Technologies; Research Methods in Computing

Semester 2: Cryptography and Data Compression; Distributed Computing; E-business Strategy; Formal Design of Systems; Intelligent Agents; Internet Law; Large-scale Distributed Systems; Rich Internet Applications; Semantic Web Technologies

Semester 3: Three-month, independent, individual research project, culminating in a dissertation

MSc Wireless Communications

Admissions Tutor: Professor Lie-Liang Yang
Contact: See MSc Artificial Intelligence, page 92
www.ecs.soton.ac.uk/admissions/pg/msc/1011/wireless_communications.php

This popular, intensive programme, taught in our world-leading Communications group, covers all the technologies that contribute to mobile speech and data communications. Our graduates have found employment in the industrial and academic sectors, with many undertaking PhD research.

Programme structure

Semester 1: Digital Transmission; Radio Communications Engineering; Research Methods; Signal Processing; Wireless and Mobile Networks

Semester 2: Cryptography and Data Compression; Integrated Radio Frequency Transceiver Design; Personal Multimedia Communications; Radio Communications Networks and Systems

Semester 3: Three-month, independent, individual research project, culminating in a dissertation

Engineering Sciences at Southampton is a world-leading centre for integrated research, teaching and enterprise.

Contact

Postgraduate Admissions Administrator (Research):
Tel: +44 (0)23 8059 2668
Email: sesphd@southampton.ac.uk

MSc programmes: See individual programmes

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/engsci_postgraduate

Staff publications are listed at **www.southampton.ac.uk/engsci_research_publications**

Professor Ian Sinclair

Professor Sinclair uses synchrotron and micro-focus x-ray computed tomography (much like a hospital CAT scanner, but with significantly higher resolutions) to study the physics and engineering of load-bearing materials, in particular metals and composites for aircraft.

Ian says: "Having begun to apply this form of high-resolution 3D imaging to problems such as how and why wings stay on aeroplanes, I found myself becoming involved in many other areas where the same imaging methods could be used. Among oth er things, our lab is now looking at fossils, rocks, soil, worms, blood vessels, muscles and lungs."

i.sinclair@southampton.ac.uk
www.southampton.ac.uk/muvis
www.southampton.ac.uk/engsci_staff

Vijaya B Kolachalama

Vijaya is a Postdoctoral Associate at the Harvard-MIT Division of Health Sciences and Technology. His PhD research at Southampton was funded by Engineering Sciences.

Vijaya says he chose Southampton because of its academic reputation and the financial support it offered. "Applying my knowledge to clinically relevant problems, I gained mechanistic insights into arterial disorders using CAD, computational fluid dynamics and statistical tools, in collaboration with Southampton General Hospital's Department of Vascular Surgery. My advisors at Southampton transformed me from an aerospace engineer into a multidisciplinary researcher in biomedical engineering."

Engineering Sciences

Academic staff: 94

Postgraduate research students: 230

Postgraduate taught students: 150

RAE rating: In 2008, in collaboration with the Institute of Sound and Vibration Research (ISVR), we ranked second in the total number of unit of assessment 28 academics whose research was deemed 'world leading' or 'internationally excellent'

Location: Highfield Campus

Internal links: Civil Engineering & the Environment; Electronics & Computer Science (ECS); Institute of Sound and Vibration Research (ISVR); National Oceanography Centre Southampton (NOCS)

External links: Airbus Noise Technology Centre; DePuy International UTP in Bioengineering Science; Lloyd's Register University Technology Centre in Hydrodynamics, Hydroelasticity and Mechanics of Composites; Ministry of Defence/Lloyd's Register Centre of Excellence for Marine Structures; RNLI Advanced Technology Partnership in Maritime Engineering and Safety; Rolls-Royce University Technology Centre for Computational Engineering; UK Sport

Resources: National University of Southampton Science Park; highly advanced computer-modelling techniques; extensive laboratory and specialist experimental facilities; design studios; fully serviced wind tunnels, tank testing, mechanical testing rigs; electron microscopy

Centres: nCATS; consultancy activities through the Research Institute for Industry (RIfI) and the Wolfson Unit for Marine Technology and Industrial Aerodynamics; Microsoft® Institute for High-Performance Computing; ICSS (Institute for Complex Systems Simulation) participant

Find out more: Annual review
www.southampton.ac.uk/ses

We cover a wide range of engineering disciplines, with postgraduate taught and research programmes forming an integral part of our research strategy.

From orthopaedic implant modelling and modern fuel cell technologies to enhancing satellite broadcast technology and improving the aerodynamics of Formula 1 racing cars, we are always at the leading edge of research. We provide a range of services to industry and have a history of successful collaboration with leading technology companies worldwide.

Our new Malaysian campus

We are establishing a brand new engineering campus at the request of the Malaysian Ministry of Higher Education in the EduCity development in Iskandar, Malaysia, along with other international universities, schools and colleges.

Scheduled to open in 2012, our Malaysian campus offers an unrivalled experience for talented and ambitious individuals. We are inviting PhD applications on a full- and part-time basis for engineering research. You will study in both Malaysia and the UK and will have access to our world-class research facilities. The research culture for PhD students will be enhanced by close collaboration with top engineering universities in Malaysia and the surrounding region.

Our fees will be set at a competitive level and the overall cost will be less than obtaining a degree in the UK only.

For further information visit **www.southampton.edu.my**

Research groups

Aerodynamics and Flight Mechanics

Head of Group: Dr GN Coleman
www.southampton.ac.uk/engsci_researchgroups_afm

We are engaged in leading-edge research on fundamental fluid dynamics, as applied particularly to computational aeroacoustics, applied aerodynamics, and environmental flow and dispersion. We enjoy close connections with the aerospace industry, and have Defence and Aerospace

Research Partnership (DARP) status in Rotorcraft Aeromechanics, and in Modelling and Simulation of Turbulence and Transition for Aerospace. We host the UK Turbulence Consortium, exploiting national high-performance computing resources for simulation of turbulent flows.

Staff

Dr GN Coleman, Dr ZW Hu, Dr JW Kim, Dr SJ Newman, Dr GT Roberts, Dr RD Sandberg, Professor ND Sandham, Dr TG Thomas, Professor OR Tutty, Dr ZT Xie, Professor X Zhang, Dr B Ganapathisubramani

Affiliated members:
Professor KH Luo, Dr J Shrimpton

Astronautics

Head of Group: Dr GS Aglietti
www.southampton.ac.uk/engsci_researchgroups_astro

Our activities cover a wide spectrum of fundamental and applied research, with particular expertise in electric propulsion, space environmental effects, remote sensing and spacecraft structures.

Staff

Dr GS Aglietti, Professor S Gabriel, Dr HG Lewis, Dr ARL Tatnall, Professor SM Veres, Dr SJI Walker

Bioengineering Sciences

Head of Group: Professor M Taylor
www.southampton.ac.uk/engsci_researchgroups_bioeng

We conduct research on lab-on-chip applications in bioengineering, microfluidics and orthopaedic biomechanics mechanobiology and applications in regenerative medicine. We have significant expertise in applying novel computational and experimental techniques for bioengineering applications, and in experimental analysis of biological and engineered biomaterials at the cellular, tissue and organ levels.

Staff

Professor DS Barrett, Dr R Boltryk, Dr M Browne, Dr AJ Chipperfield, Dr B Sengers, Professor M Taylor, Dr P Thurner, Dr XL Zhang, Dr N Evans, Dr R Tare, Dr T Roose

Computational Engineering and Design

Head of Group: Professor SJ Cox
www.southampton.ac.uk/engsci_researchgroups_ced

Our multidisciplinary research employs a range of analytical, computational and experimental techniques, and our strength lies in this sophisticated mix of engineering methods coupled with industrial applications. We host the Southampton Regional e-Science Centre, the Rolls-Royce University Technology Centre for Computational Engineering, and the Microsoft® Institute for High-Performance Computing. We have recently benefited from funding from Microsoft® to acquire the Spitfire supercomputer system, one of the few high-power systems in the UK running under the new Windows Compute Cluster Server system.

Staff

Dr A Bhaskar, Dr NW Bressloff, Professor SJ Cox, Dr K Kjidjeli, Dr H Fangohr, Dr T Fischbacher, Dr AIJ Forrester, Professor AJ Keane, Professor JP Scanlan, Dr A Sobester, Professor NG Stephen

Affiliated member:
Professor P AS Reed

Electromechanical Engineering

Head of Group: Professor M Hill
www.southampton.ac.uk/engsci_researchgroups_electromech

We maintain a strong research interest in sensors, instrumentation, actuators and control across all the Engineering Sciences disciplines. Key application areas are MEMS devices, surface metrology, thick-film sensors, electrical contact sciences, electrical machines and power systems, autonomous vehicles, functional materials and biosensing systems. We hold grants of around £1.4m from UK research councils, the EU and industry, and collaborate with more than 20 industrial companies in the UK, Europe and the USA.

Staff

Dr JK Atkinson, Dr R Boltryk, Profesor M Hill, Professor JW McBride, Dr SM Sharkh, Dr D Laila, Dr X Niu

Affiliated member:
Dr M Torbati

Energy Technology

Head of Group: Professor KH Luo
www.southampton.ac.uk/engsci_researchgroups_energytech

We conduct cutting-edge fundamental and applied research underpinning sustainable energy technologies. We are committed to addressing major scientific and technological issues in energy efficiency and sustainability, and the social, economic and environmental impact of energy technologies. Our activities are supported by world-class computing and experimental facilities, with external funding from research councils, the TSB, industry and the EU.

Staff

Dr MK Al-Mosawi, Dr D Bavykin, Dr S Gu, Dr I Karlin, Professor KH Luo, Professor T Markvart, Dr P McDonald, Dr C Ponce de León Albarrán, Dr E Richardson, Dr A Shah, Dr J Shrimpton, Dr A Vorobev, Professor FC Walsh, Professor Y Yang, Dr EA Young

Affiliated members:
Professor GE Hearn, Dr D Hudson, Professor PAS Reed, Dr GT Roberts, Dr SM Sharkh, Dr SR Turnock

Other associated members with significant energy interests:
Dr NW Bressloff, Dr A J Chipperfield, Dr ZW Hu, Dr L Jiang, Professor I Sinclair, Professor SM Spearing, Professor SM Veres and Professor PA Wilson

Engineering Materials and Surface Engineering

Head of Group: Professor PAS Reed
www.southampton.ac.uk/engsci_researchgroups_engmats

We conduct research on a wide range of engineering materials and their applications across many sectors, and collaborate with industrial, government and academic organisations. We are well equipped with characterisation tools, and also have extensive mechanical testing capabilities, and apparatus for tribological and micromechanical measurements.

Staff

Professor JM Barton, Dr AR Chambers, Dr N Gao, Dr L Jiang, Dr D Kramer, Professor TG Langdon, Professor T Markvart, Dr BG Mellor, Professor PAS Reed, Profesor I Sinclair, Professor SM Spearing, Professor MJ Starink, Professor FC Walsh, Dr S Wang, Dr S Yang

Affiliated staff with significant materials interests:
Dr D Bavykin, Dr A Bhaskar, Dr M Browne, Dr H Fangohr, Dr M Molinari, Dr C Ponce de León Albarrán, Professor RA Shenoi and Dr S Syngellakis

Fluid Structure Interactions

Head of Group: Professor RA Shenoi
www.southampton.ac.uk/engsci_researchgroups_fsi

The principal aim of research in fluid–structure interactions is to explore and understand the behaviour of engineering artefacts in a maritime environment, with a view to better integrating their design, production and operation from safety, economic, environmental and societal viewpoints. We host major industrial research links: Lloyd's Register Educational Trust; University Technology Centre in Ship Design for Enhanced Environmental Performance; the Royal National Lifeboat Institution's Advanced Technology Partnership (RNLI ATP) in Maritime Engineering and Safety; and the Ministry of Defence/Lloyd's Register Centre of Excellence for Marine Structures.

Staff

Professor JM Barton, Dr JIR Blake, Dr S Boyd, Dr Z Chen, Professor G Griffiths, Professor GE Hearn, Dr DA Hudson, Mrs GA Keane, Dr S Quinn, Professor RA Shenoi, Dr M Tan, Dr DJ Taunton, Professor P Temarel, Dr SR Turnock, Professor PA Wilson, Dr YP Xiong

nCATS (national Centre for Advanced Tribology at Southampton)

Director: Professor Robert JK Wood
www.southampton.ac.uk/engsci_researchgroups_ncats

nCATS is a multidisciplinary research group, linked to Chemistry, Biological Sciences, Electronics & Computer Science (ECS), Mathematics, Medicine, the Southampton Statistical Sciences Research Institute (S3RI) and the National Physical Laboratory (NPL). Our core focus is to understand the phenomena that occur at solid-solid and solid-liquid interfaces subjected to relative motion, to improve equipment, life, energy efficiency, implant designs and reduce emissions. We are partnered with 28 companies and hold over £12m in competitive research contracts.

Staff

Dr G Limbert, Dr M Ratoi, Dr M Stolz, Dr P Stoodley, Dr L Wang, Dr S Wang (Manager of Electron Microscopy Centre), Dr JA Wharton, (Deputy Director), Professor RJK Wood (Director)

Affiliated members:
Professor FC Walsh, Dr S Gu

Research programmes

PhD

Graduate School Director: Professor PAS Reed
Postgraduate Admissions Administrator:
Tel: +44 (0)23 8059 2668
Email: sesphd@southampton.ac.uk
www.southampton.ac.uk/engsci_researchdegrees

You will study under the supervision of a team of academic staff and become a full member of one of our nine research groups. Elements of formal training include communication skills and project management, data handling and analysis, and library and information retrieval. You will also choose two technical modules from appropriate MEng/MSc programmes. You will register initially for an MPhil, with conditional later transfer to PhD.

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: 3 years (full-time)

Assessment: Thesis

Start date: October

Intake: 70

Applying: University application form with transcripts

Closing date: Typically 1 August, but studentship decisions are made in mid-March and then on a rolling basis until all funds are allocated (**www.southampton.ac.uk/engsci_taughtcourses**)

Funding: DTI; EPSRC doctoral and collaborative training accounts; partial studentships; research contracts with industry. All research projects have a limited research training and support grant to cover equipment usage, research consumables, travel, textbooks, etc

Fees: UK/EU (2011/12) full-time £3,732; international (2012/13) full-time £17,400

Careers: BAE Systems; British Maritime Technology; European Aeronautic Defence and Space Company; European Space Operations Centre; Halliburton; Jaguar and Ford; Lloyd's Register of Shipping; QinetiQ; Rolls-Royce plc; further research

EngD Engineering Doctorate: Transport and the Environment/ Engineering Sciences

Postgraduate Admissions Administrators:
Transport and the Environment: Mrs J Holmes;
Engineering Sciences:
Tel: +44 (0)23 8059 2668
Email: engd@southampton.ac.uk
www.southampton.ac.uk/idtc

If you are a well-qualified, ambitious graduate engineer, our EngD will provide you with the technical, business and personal development competences required to become one of the senior technical managers of the future. You will be sponsored by a company, and will have an industrial supervisor and a supervisory team at the University. The programme combines doctoral-level research with taught modules from across Engineering Sciences and mathematics modules from Management's MBA programme, and transferable skills training.

Key facts

Entry requirements: Good honours degree or equivalent in engineering, mathematics or science

Duration: 4 years (full-time)

Assessment: Coursework, examination, thesis

Start date: October

Intake: 8–10

Applying: University application form with transcripts

Closing date: None, but early application is advised

Funding: EPSRC (UK applicants only) and company studentships are awarded competitively; the value of the stipend varies, but is generally higher than for a PhD, reflecting the prestigious nature of the EngD. All research projects have a limited research training and support grant to cover equipment usage, research consumables, travel, textbooks, etc

Fees: UK/EU (2011/12) full-time £3,732

Careers: As for PhD research programmes, this page

Taught programmes

Key facts for all taught programmes

Entry requirements: First- or upper second-class honours degree or equivalent in engineering, mathematics or a science-based subject; applicants with relevant employment experience will be considered

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Examinations, coursework, thesis

Start date: October

Applying: University application form with transcripts

Closing date: Typically end of May

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £15,800, part-time £7,900

Careers: Engineering professions; further research

Find out more: **www.southampton.ac.uk/engsci_taughtcourses**

MSc Advanced Mechanical Engineering Science

Admissions Tutor: Dr L Jiang
Tel: +44 (0)23 8059 2839
Email: sesmsc@southampton.ac.uk

This programme is suitable for engineering, mathematics or physical sciences graduates who wish to specialise in themes in advanced mechanical engineering science or to support continued professional development. It offers a sound understanding of the relevant fundamental science, methods, analysis and engineering applications.

Programme structure

There are four themes: Bioengineering, Computational Engineering Design, Engineering Materials, and Mechatronics. You will complete a research project during semester two, to be submitted by September. A list of research projects is produced each year based on staff research interests, but may also involve collaboration with external industrial organisations.

Core modules include:

Bioengineering: Biological Flows; Orthopaedic Biomechanics; Human Factors in Engineering; Advanced Orthopaedic Biomechanics; Biomaterials; Introduction to Advanced Mechanical Engineering Science

Computational Engineering Design: Advanced Computational Methods in Engineering; Design Search and Optimisation; Numerical Methods; Uncertainty Quantification and Robust Design; Advanced Finite Element Analysis; Applications of CFD

Engineering Materials: Manufacturing with Metals; Materials in Transport; Composites Engineering; Surface Engineering; Introduction to Advanced Mechanical Engineering Science; Failure of Materials; Theory of Elasticity; Microstructural Characterisation; Biomaterials

Mechatronics: Advanced Electrical Systems; Numerical Methods; Classical Control Design; Advanced Digital Control; Sensors and Signal Processing for Condition Monitoring; Instrumentation; Robotic Systems; Introduction to Advanced Mechanical Engineering Science

Option modules from: A wide selection

MSc Aerodynamics and Computation
MSc Race Car Aerodynamics

Admissions Tutor: Dr Z Hu
Contact: See MSc Advanced Mechanical Engineering Science, page 99

The two themes in the Aerodynamics programme will suit graduates or similarly qualified individuals from engineering, scientific and mathematical backgrounds, with some experience of fluid dynamics, who are aiming for advanced specialisation in aerodynamics. Both programmes emphasise the fundamentals of aerodynamics as a subject. Aerodynamics and Computation focuses on numerical methods and the physics and computation of turbulence. Race Car Aerodynamics centres on analysis, computation and measurement of turbulent flows associated with high-performance race cars.

Programme structure

Aerodynamics and Computation

Core modules: Numerical Methods; Computational Fluid Dynamics (CFD); Applications of CFD; Turbulence 1: Physics and Measurement; Turbulence 2: Computation and Modelling

Seven option modules from: Acoustics; Aerospace CFD; Analytical and Numerical Acoustics; Applied Aerodynamics; Biological Flows; Compressible Flow; Design, Search and Optimisation: Principles, Methods and Parameterisation; Design, Search and Optimisation: Case Studies; Experimental Techniques for Aerodynamics; Flow Control; Hypersonics and High-temperature Gas Dynamics; Powered Lift or Aircraft Propulsion; Race Car Aerodynamics; Wing Aerodynamics

Race Car Aerodynamics

Core modules: Applications of Computational Fluid Dynamics (CFD); Experimental Techniques for Aerodynamics; Numerical Methods; Race Car Aerodynamics; Race Car Design/GDP; Turbulence 1: Physics and Measurement; Turbulence 2: Computation and Modelling

Three option modules from: Applied Aerodynamics; Design, Search and Optimisation: Principles, Methods and Parameterisation; Design, Search and Optimisation: Case Studies; Flow Control; Wing Aerodynamics

MSc Maritime Engineering Science

Admissions Tutor: Dr K Djidjeli
Contact: See MSc Advanced Mechanical Engineering Science, page 99

This MSc will suit engineering, mathematics and physical sciences graduates who wish to specialise in the maritime engineering science sector. No prior knowledge of the discipline is required. The programme offers a sound understanding of the relevant fundamental principles, methods, analysis, synthesis and engineering applications.

Programme structure

There are six themes, each with compulsory lecture modules for in-depth specialisation, plus three to five options to broaden your portfolio of expertise. You will complete a research project during semester two, to be submitted by September. The themes are:

Advanced Materials: Failure of Materials; Finite Element Analysis; Fundamentals of Ship Science*; Marine Law; Marine Safety and Environmental Engineering; Materials in Transport; Structural Integrity; Theory of Plate Structures

Marine Engineering: Advanced Electrical Systems; Fundamentals of Ship Science*; Instrumentation for Marine Engineering; Introductory Physical Oceanography; Marine Law; Marine Propulsion Engineering; Marine Safety and Environmental Engineering; Naval Architecture Dynamics; Plant Condition Monitoring

Maritime Computational Fluid Dynamics: Application of CFD; Computational Fluid Dynamics; Finite Element Analysis; Fundamentals of Ship Science*; Geometry and Grid Generation; Numerical Methods; Turbulence 1: Physics and Measurement; Turbulence 2: Computation and Modelling

Naval Architecture: Advances in Resistance and Propulsion; Fundamentals of Ship Science*; Introductory Physical Oceanography; Marine Law; Marine Safety and Environmental Engineering; Maritime Fluid–Structure Interaction; Structural Integrity

Ship Science: Fundamentals of Ship Science*; Introductory Physical Oceanography; Marine Law; Marine Propulsion Engineering; Marine Safety and Environmental Engineering; Maritime Fluid–S tructure Interaction; Theory of Plate Structures

Yacht and Small Craft: Fundamentals of Ship Science*; High-performance Craft; Introductory Physical Oceanography; Marine Law; Marine Safety and Environmental Engineering; Powercraft Performance and Design; Sailing Yacht Design; Yacht Experimental Techniques

* Provided as an intensive short course in the first two weeks of semester one

Key facts

See Key facts for all taught programmes, page 99, plus:

Assessment: Examinations, research project, thesis

Start date: September

MSc Space Systems Engineering

Admissions Tutor: Dr A Tatnall
Contact: See MSc Advanced Mechanical Engineering Science, page 99

This programme is suitable for physics and engineering graduates, and focuses on the design of all the elements which are involved in a space mission. It uses an integrated approach to the complete design of a total space system and shows how the various component subsystems function and interface with each other. The University is

uniquely placed to offer this course, drawing extensively from the courses provided to the European spacecraft industry by our Astronautics group.

Programme structure

Core modules: Spacecraft Engineering Design; Concurrent Engineering Design; Spacecraft Instrumentation; Spacecraft Structural Design; Astronautics

MSc Sustainable Energy Technologies

Admissions Tutor: Dr D Bavykin
Contact: See MSc Advanced Mechanical Engineering Science, page 99

This programme offers engineering, science and mathematics graduates an academically challenging introduction to incumbent and modern energy technologies for sustainable power generation. The taught element of the programme consists of 12 modules and is followed by a substantial research project leading to a dissertation.

Programme structure

Core modules: Automotive Propulsion; Fuel Cells and Photovoltaic Systems 1 and 2; Introduction to Energy Technologies; Nuclear Energy Technology; Renewable Energy from the Environment; Sustainable Energy Systems, Resources and Usage

Option modules (50 credits from): Advanced Electrical Systems; Cryogenics and Superconductivity; Electromechanical Power Systems for Aircraft and Spacecraft; Energy Resources and Engineering; Engineering Management Studies; Environmental Audit and Risk Assessment; Human Factors in Engineering; Introductory Physical Oceanography; Management and Organisation; Marine Propulsion Engineering; Marine Safety and Environmental Engineering; Modelling in Environmental and Earth Systems; Offshore Mechanics and Engineering Analysis; Power Transmission and Vibration; Transport Economy; Transport Management; Waste Resource Management

Key facts

See Key facts for all taught programmes, page 99, plus:

Duration: 1 year (full-time); 2–3 years (part-time)

Start date: September

Careers: Civil service; engineering professions; further research

MSc Unmanned Vehicle Systems Design

Admissions Tutor: Professor James Scanlan
Contact: See MSc Advanced Mechanical Engineering Science, page 99

This MSc is supported by a number of major UK companies, including BAE Systems, Rolls-Royce, QinetiQ and Cobham.

This programme is suitable for engineering, mathematics or physical sciences graduates who wish to specialise in themes in unmanned systems or to support continued professional development. It offers a sound understanding of the relevant fundamental science, methods, analysis and engineering applications. Students will be able to design and build a sophisticated unmanned system in the course of their studies. They will have access to rapid prototyping facilities and testing facilities to put their designs through mission testing.

Programme structure

There are two themes: Marine and Air-vehicle (fixed wing). You will complete a research project during semester two, to be submitted by September. A list of research projects is produced each year based on staff research interests. Projects may also involve collaboration with external industrial organisations

Option modules: Autopilot Systems; Avionics; Control System Design; Instrumentation; Design Optimisation 1; Design Optimisation 2; Composites Engineering

MSc/PG Dip/PG Cert Marine Technology

Admissions Tutor: Professor PA Wilson
Contact: See MSc Advanced Mechanical Engineering Science, page 99
www.mtec.ac.uk

This programme aims to meet the needs of graduates and their employers. It is run by a consortium of five UK universities (mtec@work), recognised for their excellence in marine technology education and research: Heriot-Watt, Newcastle, Strathclyde, Southampton and University College London. Normally all students are in full-time, marine-sectored employment.

Programme structure

There are eight technology streams available in the MSc and PG Dip programmes (a PG Cert course is also available): Classification and Survey; Conversion and Repair; Defence; General; Marine Engineering; Naval Architecture; Offshore Engineering; Small Craft Design

Modules are also offered as stand-alone CPD (approved by the Institute of Marine Engineers and the Royal Institution of Naval Architects), which may be suitable for those requiring specific subject training. Teaching is delivered by a combination of distance-learning material and one-week intensive schools, with pre-school preparation and post-school assignments for modules, each of which has a credit rating of 10 points and requires 100 hours' study time

Key facts

Entry requirements: First- or second-class BEng honours degree or equivalent

Duration: MSc: 2–5 years; PG Dip: 2–5 years; PG Cert: 1–3 years (all distance-learning and 1-week intensive schools)

Assessment: Coursework, individual project, thesis

Start date: Throughout the year

Careers: Engineering professions; further research

Find out more: Details about modules, applying, closing dates, funding and fees: **www.mtec.ac.uk**

Interdisciplinary postgraduate programmes offer a wide choice of specialised modules in English and the opportunity to take modules from across the University.

Contact

Postgraduate enquiries:
Tel: +44 (0)23 8059 8062
Email: pghums@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/english

Dr Mary Hammond

Dr Hammond's main research interests lie in the publication, circulation and reception of Victorian fiction.

Mary's forthcoming book, *Charles Dickens's Great Expectations: A Publishing History* (Ashgate, 2014), examines the writing and publication of the novel in 1860–61, and the global reception of its many incarnations since. She is also collaborating with colleagues in seven countries on a project called 'Printers on the Move: Migration, Identity and Printing Skills Transfer across the Anglophone World, 1840–1914'.

Mary says: "This interdisciplinary project aims to map the migration patterns of skilled print workers in a key period in history, helping us to understand how changing printing practices may have impacted on local communities and global communication networks."

e.m.hammond@southampton.ac.uk

Nadia Thérèse van Pelt

Nadia is studying for a PhD in English. Her research, focusing on metatheatricality in medieval community drama, is funded by the PGR Scholarship Fund.

Nadia was attracted first by the opportunity to be supervised by Professor John McGavin, who is an expert in her field. "Also," she says, "the University is a renowned, research-led institution, which attracts impressive scholarship, has great research facilities and runs interesting conferences. This provides an excellent basis for a postgraduate student. Finally, Southampton offers a friendly academic environment, with a stimulating, challenging but informal atmosphere that makes me feel completely at home."

English

Academic staff: 35

Postgraduate research students: 34

RAE rating: 2.80 (2008)

Location: Avenue Campus

Internal links: Centre for Medieval and Renaissance Culture; John Hansard Gallery; The Nuffield Theatre; Parkes Institute for the Study of Jewish/Non-Jewish Relations; Southampton Centre for Eighteenth Century Studies

External links: British Electronic Poetry Centre; Centre for Contemporary Art Research; Chawton House Library; Harbour Lights Picturehouse; Medieval English Theatre; Records of Early English Drama (Toronto); Royal Literary Fund; Southern Arts; Worldwide Universities Network (WUN)

Resources: Excellent research library facilities, with extensive holdings of printed books and periodicals, specialist collections and bibliographic tools, and access to online databases and journals; research centres in medieval and renaissance culture, contemporary writing and eighteenth century studies; access to the Parkes Institute's collection of Jewish history and culture and to Chawton House Library's collection of women's writing; dedicated postgraduate study areas, including on-site computer workstations

Our key research strengths, including medieval and renaissance studies, postcolonial and contemporary writing and culture, and eighteenth century studies, are supported by interdisciplinary research centres. Our staff are experienced postgraduate teachers who publish innovative research in these and other areas and encourage you to discuss your project with them.

Research centres

www.southampton.ac.uk/english/research/researchcentres.html

Centre for Contemporary Writing

Director: Dr Sujala Singh

We bring together academics, students, writers and poets interested in the relationship between contemporary culture and writing. Particular areas of expertise include twentieth century poetry and fiction, postcolonial and diasporic writing, the contemporary avant-garde, women's writing, and literature and science. We have a constant stream of visiting writers and writers in residence, and support a regular programme of seminars, workshops and conferences.

Centre for Medieval and Renaissance Culture

Director: Professor Ros King

We support academics and postgraduates across the humanities subjects who work in the period between late antiquity and 1700. Subject areas include archaeology, English, history, music and material culture. We host regular research seminars, colloquiums and conferences, and offer specialist expertise in research supervision and postgraduate teaching, including the innovative interdisciplinary MA and MRes.

Southampton Centre for Eighteenth Century Studies

Director: Dr Stephen Bygrave

Southampton Centre for Eighteenth Century Studies (SCECS) enjoys a close relationship with Chawton House Library. Its members have expertise in areas including Jane Austen, gender theory, women's writing, Gothic literature, fiction, political economy, philosophical aesthetics, Anglo-French female literary networks, slavery and abolition, gardens, education, crime, and writing for children.

Chawton House Library

Director of the Southampton Chawton Research Centre: Dr Stephen Bygrave

The University is closely associated with Chawton House Library, most prominently through the MA Eighteenth Century Studies (Chawton), the Chawton Research Seminar programme and the Chawton Research Fellow, Dr Gillian Dow. The Library is located in the restored Elizabethan manor house that once belonged to Jane Austen's brother, and is a centre for the study of women's writing from 1600 to 1830. It holds 9,000 volumes of rare and unique works from this period, a considerable catalogue of secondary material and some manuscripts. The Library runs a programme of seminars and lectures, and hosts several conferences through the year.

Staff

Dr Devorah Baum, Dr Stephen Bending, Dr Stephen Bygrave, Dr Julie Campbell, Professor Emma Clery, Dr Shelley Cobb (Teaching Fellow), Dr Gillian Dow (Chawton Research Fellow), Alison Fell, Dr David Glover, Lavinia Greenlaw, Dr Mary Hammond, Dr Michael Hammond, Professor Clare Hanson, Dr Peter Happé (Visiting Fellow), Philip Hoare, Dr Alice Hunt, Professoe Aamer Hussein, Dr Stephanie Jones, Dr James Jordan (Ian Karten Research Fellow), Dr Mark Kermode (Visiting Fellow), Professor Ros King, Visiting Professor Sally Beth Maclean, Professor John McGavin, Dr Nicky Marsh, Dr Will May, Professor Peter Middleton, Professor Bella Millett, Dr Stephen Morton, Dr Marianne O'Doherty, Dr Ranka Primorac, Karen Seymour, Dr Sujala Singh, Dr Barry Sloan, Rebecca Smith, Dr Lena Wahlgren-Smith (CMRC Research Fellow), Visiting Professor Michael Wheeler, Professor Linda Williams

Research programmes

MPhil/PhD

Postgraduate Coordinator in English: Dr David Glover
Tel: +44 (0)23 8059 3156
Email: dg6@southampton.ac.uk
www.southampton.ac.uk/english/postgrad/pgrdegrees.html

We offer PhD supervision in English, interdisciplinary studies (via the research centres) and creative writing. Our postgraduate students are an essential part of the English and humanities research community at Southampton.

You will receive regular supervision and training in research and communication skills – both generic and specific to your project. You will participate in weekly research seminars and are encouraged to contribute to conferences and symposia, both at Southampton and elsewhere. After year one, you may be offered a part-time teaching fellowship.

We welcome informal enquiries, and like to work with students on their proposals before they submit their formal applications.

Key facts

Entry requirements: First- or upper second-class honours degree and MA in a relevant subject, or equivalent (other qualifications will be considered) (English language: IELTS 7.5/TOEFL 640/computer-based TOEFL 267 for EU and international students)

Duration: Up to 4 years (full-time); up to 7 years (part-time)

Assessment: Thesis (75,000 words maximum), viva voce

Start date: Normally October and February each year

Intake: Variable

Applying: University application with transcripts, research proposal and samples of writing (5,000 words maximum)

Closing date: Applications will be considered at any time; funding body deadlines will vary

Funding: AHRC Block Grant, University and English studentships may be available

Fees: UK/EU (2011/12) full-time £3,732, part-time £1,866; international (2012/13) full-time £12,500

Taught/research programmes

MRes English Literary Studies

Convenor: Dr Stephanie Jones
Tel: +44 (0)23 8059 3841
Email: s.j.jones@southampton.ac.uk
www.southampton.ac.uk/english/postgrad/masters.html

This programme combines a taught element from our MAs with postgraduate research. It will suit you if you are self-motivated and have a highly defined idea of the research you wish to undertake. Choice of dissertation topic is subject to availability of supervisory expertise.

Programme structure

Core modules: Research Skills; Modernisms and Modernities or Global Crisis in Contemporary Literature

Option module from: MA English or another Humanities or Winchester School of Art MA programme

Plus: Dissertation (30,000 words)

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent (English language: IELTS 7.5/TOEFL 640/computer-based TOEFL 267 for EU and international students)

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, projects, dissertation

Start date: October

Applying: University application with transcripts and research proposal

Closing date: 1 September (later applications will be considered)

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

Humanities Interdisciplinary MRes Medieval and Renaissance Studies

Convenor: Professor Ros King
Tel: +44 (0)23 8059 3168
Email: r.king@southampton.ac.uk
www.southampton.ac.uk/cmrc

This MRes is designed for students who already have a clear idea of their research project, and is ideal for students whose research demands support from different disciplines. The core module, Renaissances and Reformations: Generic Skills, is taught by specialist staff from music, literature, history, archaeology and material culture, and may be taken in either semester one or semester two. This module provides a general education in medieval and renaissance studies as well as generic skills training. In addition, you will be required to take a language module, either in Latin or in another language if that is more relevant to your proposed research, as well as a module that will introduce you to palaeography. Together these modules are designed to enable you to become an effective researcher in the medieval and renaissance periods.

Programme structure

Core modules: Latin or another language relevant to the dissertation; Palaeography; Renaissances and Reformations: Generic Skills

Plus: Dissertation (35,000–40,000 words)

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent; English language: IELTS 7.5/TOEFL 640/ computer-based TOEFL 267 for EU and international students

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, portfolio, palaeography and language exercises, dissertation

Start date: October

Intake: Variable

Applying: University application with transcripts and research proposal

Closing date: 1 September

Funding: AHRC Block Grant; University studentships may be available

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

Careers: Arts administration; curating; heritage management; research degrees; teaching

Taught programmes

Key facts for all taught programmes

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, projects, dissertation

Start date: October

Intake: Variable

Applying: University application with transcripts and sample of written work (a sample of written work is not required for the Interdisciplinary MA Medieval and Renaissance Culture)

Closing date: 1 September (later applications will be considered)

Funding: AHRC Block Grant and internal studentships may be available

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

Careers: Administration; authorship; journalism; management; publishing; research degrees; teaching

Find out more: **www.southampton.ac.uk/english/postgrad/masters.html**

MA Creative Writing

Convenor: Dr Will May
Tel: +44 (0)23 8059 8856
Email: w.may@southampton.ac.uk

www.southampton.ac.uk/english/postgrad/creativewriting.html

This vibrant programme is based around a weekly core workshop. It places special emphasis on learning from international writing, and on drama, poetics and children's literature. We encourage a high level of critical self-awareness, collaborative work where appropriate, and the knowledge and skills to draw widely from modern literature, theory and cultural history as contexts for your writing. Teaching is supplemented by guest workshops from visiting writers and publishers and the opportunity to launch your own anthology at a regional arts festival.

Programme structure

Core modules: Creative Skills Workshop 1 and 2; Creative Project (15,000–20,000 words; dissertation equivalent)

Two option modules from: Art and Craft of Fiction 1; Art and Craft of Fiction 2; Poetry and Poetics; Screenwriting; Writing for Children and Young People

Plus two option modules from: MA English or one from another MA by special arrangement

MA Eighteenth Century Studies (Chawton)

Convenor: Professor Emma Clery
Tel: +44 (0)23 8059 4544
Email: e.j.clery@southampton.ac.uk
www.chawton.org
www.southampton.ac.uk/scecs/postgraduate/masters.html

This programme allows you to specialise in the history and culture of the long eighteenth century, through interdisciplinary study encompassing literature, history, philosophy, and visual and material culture. You will be introduced to concepts and issues central to current research, and will study the unique collection of early women's writing at Chawton House Library.

Programme structure

Core modules: Approaches to the Long Eighteenth Century; Research Skills (in English or history)

Four option modules from: Eighteenth Century Fiction; English Social and Cultural Life in the Long Eighteenth Century; Philosophy and the Art of Tragedy; Placing Poetry; Slavery and Abolition in the Atlantic World; Unknown Jane Austen; Women and Writing the French Revolution; other relevant MA English modules; another Humanities or Winchester School of Art MA module

Plus: Dissertation (15,000–20,000 words)

Please note: Selection of modules depends on availability

MA English Literary Studies

Convenor: Dr Stephanie Jones
Tel: +44 (0)23 8059 3841
Email: s.j.jones@southampton.ac.uk
www.southampton.ac.uk/english/postgrad/masters.html

The programme comprises a wide range of topics and approaches, enabling students to practise textual, cultural and theoretical modes of analysis important to advanced research in English and the humanities in general. The dissertation allows focus on a single topic.

Programme structure

Core modules: Research Skills; Modernisms and Modernities or Global Crisis in Contemporary Literature

Four option modules from: Premodern Journeys; Imagining the Public Scene; Literature, Spectacle and Conflict, 1603–1660; Eighteenth Century Fiction; Women in the French Revolution; Unknown Jane Austen; Scriptwriting; Victorian Readers and the Politics of Print; Writing for Children; Art and Craft of Fiction; Placing Poetry; Literature and Law; Literature and Race; Literature and Science; War and Conflict in Literature and Film

Plus: Dissertation (15,000–20,000 words)

Please note: Modules vary from year to year

MA Twentieth and Twenty-first Century Literature

Convenor: Dr Stephanie Jones
Tel: +44 (0)23 8059 3841
Email: s.j.jones@southampton.ac.uk

This MA explores the complex cultural histories of literatures in English, including: contemporary writing; gender and sexuality; history of the book and reading; literature's relationship to other discourses (eg law, economics, medicine); national, minority, dissident and diasporic writing; and postcolonial literatures. We offer advanced training in close textual study, history and theory.

Programme structure

Core modules: Research Skills; Modernisms and Modernities; Global Crisis in Contemporary Literature

Four option modules from: Literature and Law; Literature and Race; Literature and Science; War and Conflict in Literature and Film; Writing for Children; Art and Craft of Fiction

Plus: Dissertation (15,000–20,000 words)

Please note: Modules vary from year to year

Humanities Interdisciplinary MA Medieval and Renaissance Culture

Convenor: Dr Chris Briggs
Tel: +44 (0)23 8059 9397
Email: c.d.briggs@southampton.ac.uk
www.southampton.ac.uk/cmrc

This innovative MA will equip you to carry out independent research, while providing a broad education in medieval and renaissance culture. You will explore the concepts of 'renaissance' and 'reform' in religion and culture, and will be taught by specialist staff from disciplines including music, literature, history and archaeology. In addition, you will take a course in Latin, familiarising you with the classical and medieval forms of the language, and a core course in palaeography will enable you to read original medieval and renaissance documents in Latin and English. Together these modules are designed to train you in essential research skills for the study of the Middle Ages and the Renaissance.

Programme structure

Core modules: Latin; Palaeography; Renaissances and Reformations

Option module from: A list of modules on antiquity, the Middle Ages and the Renaissance offered in Humanities

Plus: Dissertation (15,000–20,000 words)

Please note: Modules vary from year to year

Our approach to film and television is focused on issues of cultural transfer and exchange, and on the perception of visual media as transnational and global, rather than purely national phenomena.

Contact

Postgraduate enquiries:
Tel: +44 (0)23 8059 8062
Email: pghums@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/film

Professor Tim Bergfelder

Professor Bergfelder's research interests include the history of European film industries, in particular the area of multinational co-productions and their relationship to Hollywood.

Further interests include comparative studies of cinema audiences, popular genres such as melodrama, exotic adventure films and Horror, the aesthetics of silent cinema and the cultural reception of popular European film genres.

Tim says: "Film, television and related audiovisual media have profoundly changed the way we engage with our environment over the past 100 years. Research in film studies has therefore as much to contribute to an understanding of social, cultural and historical contexts as it has to do with the specific qualities of a major art form."

t.a.bergfelder@southampton.ac.uk

Daniel O'Brien

Daniel is a PhD student and occasional lecturer.

He explains: "My thesis is concerned with representations of heroic masculinity in mythological action films, from Italian sword and sandal epics such as *Hercules* (1958) to the CGI-enhanced Spartan warriors of *300* (2007). As a freelance writer, I have contributed to encyclopaedias and other reference works, and published on subjects such as Clint Eastwood, British science fiction, Hong Kong horror movies, Paul Newman and Daniel Craig.

"My time as a postgraduate student at Southampton has enabled me to focus on a fascinating area of study, develop my research and writing skills, and engage with the wider academic community on many levels."

Film

Academic staff: 10

Postgraduate research students: 17

RAE rating: Second place nationally in the area of European studies (2008); ranked in the top two places in *The Guardian University Guide* for the past three years

Location: Avenue Campus

Internal links: Close intellectual and teaching links with Philosophy, English, History, Modern Languages and Music

External links: Harbour Lights Picturehouse; Network of European Cinema and Media Studies (NECS); World Universities Network (WUN); partnership with Universities of Leeds, Bristol and Sydney; Center for the Study of Glaobalization and Cultures (University of Hong Kong); Huston School of Film and Digital Media (Galway); Universidade Federal Fluminense (Brazil); CineGraph (Germany)

Resources: Internationally acclaimed researchers with a wide range of expertise; comprehensive collection of film-related books, journals and electronic resources; extensive DVD and VHS collection covering films, from the silent period to the present day, from all over the world; extensive audiovisual and IT facilities in teaching/screening venues, with dedicated viewing areas for students; new purpose-built film lab, with dedicated research resource and study area for postgraduates

Research on film at Southampton is very diverse, but can be grouped under a number of themes, which in certain cases overlap: investigations into the nexus between national, transnational and global identities and specificities in cinema and television; historical approaches to cinema industries and audiences; and theoretical questions regarding audiovisual aesthetics. Our staff have published widely in these areas and particularly welcome related applications from potential postgraduate students.

Research areas

Our main research specialisms are:

British cinema; censorship in cinema; cult films; European cinema; film aesthetics; film and other media; film and TV music; film reception and film audiences; film theory; French cinema; gender and sexuality in the cinema; German cinema; Hollywood; musicals; national cinema and national identity; new visual technologies; popular film genres; production history and industry studies; propaganda; silent cinema; science fiction; Spanish and Latin American cinema; star studies; television; transnational cinema; war and film; world cinema; film policy.

Research news

Our research activities include two major research projects funded by the AHRC: German-speaking émigrés in British cinema (1925–1950), led by Professor Tim Bergfelder; and French cinema in Britain since 1930, led by Professor Lucy Mazdon.

In March 2009 Professor Mazdon co-organised a major conference at the Ciné-Lumière in London celebrating the French New Wave at 50. Speakers included Stephen Frears, Philip French and Jonathan Romney.

Recent book publications include: Tim Bergfelder and Hans-Michael Bock, *The Concise Cine Graph* (Berghahn Books); Tim Bergfelder and Christian Cargnelli, *Destination London: German-Speaking Emigrés and British Cinema, 1925–1950* (Berghahn Books); Tim Bergfelder, Sarah Street and Sue Harris, *Film Architecture and the Transnational Imagination* (Amsterdam University Press); Pam Cook (Professor Emeritus), *The Cinema Book* (BFI); K J Donnelly, *British Film Music and Film Musicals* (Palgrave Macmillan); Pam Cook, *Baz Luhrman* (BFI); Lucy Mazdon and Catherine Wheatley: *Je t'aime ... Moi Non Plus: Franco-British Cinematic Relations* (Berghahn).

Staff

Professor Tim Bergfelder (Head of Research, PGR Convenor), Professor Emeritus Pam Cook, Dr Kevin Donnelly (PGI Convenor/Convenor MA Film), Dr David Dunn, Anne Hogan, Dr Sally Keenan (Convenor MA Film and Cultural Management), Professor Lucy Mazdon, Dr Veronica Spencer, Dr Michael Williams

Associated staff:
Dr Michael Hammond (English), Professor Linda Ruth Williams (English)

Research programmes

MPhil/PhD

Programme Coordinator: Professor Lucy Mazdon
Tel: +44 (0)23 8059 2176
Email: l.e.mazdon@southampton.ac.uk
www.southampton.ac.uk/film/postgrad/pg.html

We welcome enquiries on any topic in film and television. We provide excellent research resources locally, and national archives and libraries in London are easily accessible.

A supervisory team will support your academic and professional development, alongside an individually tailored programme of specialist skills training.

We will encourage you to engage actively in current debates in film studies, and to take on professional tasks early in your candidature. This might include conference participation, publishing an academic article or contributing to academic teaching.

Key facts

Entry requirements: First- or upper second-class honours degree and an MA, or equivalent, in a relevant subject; other qualifications will be considered

Duration: Up to 4 years (full-time); up to 7 years (part-time)

Assessment: Thesis (75,000 words maximum), viva voce

Start date: Normally October and February each year

Applying: University application with transcripts and research proposal

Closing date: 1 September (but dependent on funding body deadlines). Informal enquiries welcome at any time

Funding: AHRC Block Grant; University studentships may be available

Fees: UK/EU (2011/12) full-time £3,732, part-time £1,866; international (2012/13) full-time £12,500

Integrated PhD

Programme Coordinator: Professor Lucy Mazdon
Tel: +44 (0)23 8059 2176
Email: l.e.mazdon@southampton.ac.uk
www.southampton.ac.uk/film/postgrad/pg.html

Key facts

See Key facts for MPhil/PhD, plus

Duration: 4 years full-time

Assessment: Taught modules and 75,000-word thesis

PhD by Distance Learning

Programme Coordinator: Professor Lucy Mazdon
Tel: +44 (0)23 8059 2176
Email: l.e.mazdon@southampton.ac.uk
www.southampton.ac.uk/film/postgrad/pg.html

Key facts

See Key facts for MPhil/PhD, plus

Duration: 3 years minimum; 7 years maximum (part-time)

Assessment: 75,000-word thesis

Fees: international (2012/13) part-time £6,250

Taught programmes

Key facts for all taught programmes

Entry requirements: First- or upper second-class honours degree or equivalent in an arts-related subject

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, presentations, dissertations

Start date: October

Intake: 15

Applying: University application with transcripts, personal statement (and sample of work for Film and Cultural Management)

Closing date: 1 September

Funding: **www.southampton.ac.uk/humanities**

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

Careers: Film exhibition, marketing and distribution; filmmaking; journalism; research and teaching in higher education; media writing

Find out more: **www.southampton.ac.uk/film/postgrad/pg.html**

MA Film

Programme Coordinator: Dr Michael Williams
Tel: +44 (0)23 8059 2248
Email: m.t.williams@southampton.ac.uk
www.southampton.ac.uk/film/postgrad/ma1050.html

This programme provides a comprehensive introduction to postgraduate research in film studies, and is the ideal preparation for doctoral research.

The programme covers an in-depth discussion of the most influential theories and methodologies in the field, and provides an introduction to the latest debates and concerns. These include issues arising from cinema's textual properties and questions regarding the medium's wider social impact.

We have excellent facilities and host a series of regular talks from external speakers, including industry professionals and internationally acclaimed film scholars.

Programme structure

Core modules: Classical Film Theory and Textual Analysis; Key Skills 1: Research in Film Studies; Key Skills 2: Preparing for the Dissertation; Post-Classical Film Theory: History, Reception, Cinephilia

Two option modules from: Current Issues in Film Distribution and Exhibition; Film Policy: National and Global Perspectives; Contemporary Science-fiction Cinema; Screen Stars in Context; individually negotiated topic; another Humanities MA module

You can also choose to take one module on an individually negotiated topic by independent research

Plus: Dissertation (15,000–20,000 words)

Please note: Modules are subject to availability, with only a selection running each year

MA Film and Cultural Management

Programme Coordinator: Dr Sally Keenan
Tel: +44 (0)23 8059 5436
Email: s.a.keenan@southampton.ac.uk
www.southampton.ac.uk/film/postgrad/ma.html

This MA will suit you if you wish to combine the study of film at postgraduate level with a knowledge of cultural management.

Visual media play a significant political, social and economic role, and there is a strong awareness of the importance of professional management in this context. This programme provides a framework through which the contemporary cultural sector can be understood and analysed, focusing on how cultural management affects the visual media.

Areas covered may include: the organisation of film festivals; specialist film programming; film policy; film exhibition, marketing and audience development; and the role of private and public film agencies. Case studies draw on local, national and international examples.

A series of talks by industry professionals accompanies the academic programme, and a flexible structure allows for student specialisation and choice.

Programme structure

Core modules: Current Issues in Film Distribution and Exhibition; Film Policy: National and Global Perspectives; Key Skills 1: Research in Film Studies; Key Skills 2: Preparing for the Dissertation

Plus one from: Classical Film Theory and Textual Analysis; Post-Classical Film Theory: History, Reception, Cinephilia

Option module from: Contemporary Science-fiction Cinema; Screen Stars in Context; individually negotiated topic; another Humanities MA module (subject to approval)

Plus: Dissertation (15,000–20,000 words)

Please note: Modules are subject to availability, with only a selection running each year

We are one of the UK's leading centres for geographical research, with excellent resources and a strong publication and research grant record.

Contact

Research programmes: Senior Administrative Officer (Graduate School)
Tel: +44 (0)23 8059 2327

Masters programmes: See individual programmes
Email: gg-admissions@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/geography

Professor Neil Wrigley

Professor Wrigley is an internationally renowned economic geographer and editor of the *Journal of Economic Geography*, currently ranked first in the world in geography and fifth in economics.

Neil works with international agencies and academies (OECD, World Bank, US National Academies) at the global level and with government departments, leading retailers and local authorities in the UK. He says: "My research focuses on retailing and consumption – from studies of retail globalisation and supply networks, through e-commerce and issues of retail competition regulation, to studies of food 'deserts', underserved communities, retail-led regeneration, and the vitality and viability of town centres."

n.wrigley@southampton.ac.uk

Gunnar Mallon

Gunnar is a fourth-year PhD student (nominal) with the Palaeoenvironmental Research Group (PLUS).

He says: "As a postgraduate student at Southampton, I have been able to explore many new approaches to geography on both an applied and philosophical level. There are plenty of opportunities to discuss ideas with members of staff, other postgraduates and undergraduate students. The communal aim to enhance the geographical sciences creates a friendly, open and dynamic working environment. I am thoroughly enjoying my time here and can recommend Southampton to anyone with a strong interest in geography."

Geography

Academic staff: 35

Postgraduate research students: 64

Postgraduate taught students: 41

RAE rating: 20 per cent of our research was graded 'world leading' (4*), 35 per cent 'internationally excellent' (3*), 35 per cent 'internationally significant' (2*) and 10 per cent 'nationally significant' (1*). Ninety-eight per cent of academic members of staff were submitted to the RAE (2008)

Location: Highfield Campus

Internal links: Civil Engineering & the Environment; Electronics & Computer Science (ECS); Engineering Sciences; Humanities; National Oceanography Centre Southampton (NOCS); Social Sciences

External links: Industry and UK government agencies (Environment Agency, Forestry Commission, Ordnance Survey, ESCO); Tyndall Centre

Resources: Computer facilities for statistical visualisation and programming software; specialist technical and computation advice and support; laboratory and electronics technicians; photographer; palaeoecology laboratory; environmental processes laboratory; dedicated laboratory for field spectroscopy; two cars and a boat for fieldwork

Centres: GeoData Institute

Research groups

Earth Surface Dynamics (ESD)

We undertake world-leading geomorphological research which aims to understand how land surface systems respond to environmental change. The fundamental processes driving change are investigated through field and laboratory research linked to numerical prediction. We apply this knowledge to address key land management issues (soil erosion, flooding, land loss and ecosystem degradation). Members of the group have close links with government organisations, NGOs, managers, engineers and industry.

Staff

Professor Paul Carling, Professor Steve Darby (Research Group Leader), Professor Jane Hart, Dr Sally Hayward, Mr Chris Hill, Mr Duncan Hornby, Dr Joanna Nield, Professor David Sear

Economy, Society and Space

Our research focuses on the geographical analysis of global economic change, innovation and knowledge. We examine how economic spaces have been transformed by globalisation and how firms, labour and states are responding to the risks and opportunities of the 'post-crisis' economy. We explore how the geographical mobility of people and knowledge fosters innovation, especially in service industries. We are also studying how socioeconomic networks, inequalities and practices can be best governed and managed.

Staff

Dr Julia Branson, Dr Nick Clarke, Dr Alessandra Faggian, Professor Steven Pinch, Dr Suzy Reimer, Dr Emma Roe, Dr Kanchana Ruwanpura, Professor Peter Sunley (Research Group Leader), Professor Neil Wrigley

Global Environmental Change and Earth Observation

Our world-leading research uses Earth observation (EO) data, geostatistical tools and process models. We investigate global environmental change and its impacts on society and natural resources at multiple spatial scales. One key research area is the development and application of models and algorithms for retrieving information from a synthesis of Earth observation data (from airborne and satellite platforms) and from field instrumentation and surveys. We also develop geographical information systems (GIS) and computational models for environmental management and policy-decision support.

Staff

Professor Pete Atkinson (Research Group Leader), Dr Eloise Biggs, Dr Jadunandan Dash, Mr Andrew Harfoot, Mr Chris Hill, Dr Craig Hutton, Professor Ted Milton, Mr Andrew Murdock, Dr Gareth Roberts, Dr Emma Tompkins

Palaeoenvironmental Research Group (PLUS)

We use data on past environments, allied with a range of modelling approaches, to understand mechanisms of environmental change and to anticipate future change at a range of temporal and spatial scales. The group focuses on two critical areas: sustainable practice and management at the interface of human and natural systems, and understanding long-term climate and ecosystem dynamics, particularly in the high latitudes of both hemispheres. The group operates the Palaeoenvironmental Laboratory at the University of Southampton.

Staff

Emeritus Professor Keith Barber, Professor Tony Brown (Research Group Leader), Professor John Dearing, Professor Mary Edwards, Dr Paul Hughes, Dr Pete Langdon

Population, Health and Wellbeing (PHeW)

PHeW offers substantive expertise on population, health and wellbeing, using GIS, spatial analysis and qualitative methodologies. Central to our research direction is a commitment to methodological pluralism and excellence, environmental and social perspectives, and the interplay of blue-skies and applied research.

Staff

Dr Kate Boyer, Ms Sam Cockings, Mr Hugh Darrah, Dr Geoff DeVerteuil, Mr Andrew Harfoot, Mr Samuel Leung, Professor Graham Moon, Dr Andrew Power, Mr Jason Sadler, Mr Richard Treves, Dr Jim Wright

Research programmes

PhD

Senior Administrative Officer (Graduate School)
Tel: +44 (0)23 8059 2327
Email: gg-admissions@southampton.ac.uk

You will follow an individual research programme in one of the areas covered by our research themes. This will include a graduate induction programme, with transferable skills training, dedicated field and/or laboratory training, attendance at an annual graduate conference, and funding support for attendance at UK and international subject-specific conferences.

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in geography or a related subject; or a masters degree in an appropriate subject

Assessment: Thesis and viva voce

Duration: 3 years (full-time); up to 6 years (part-time)

Start date: October

Intake: 20+

Applying: University application form with transcripts

Closing date: Applications accepted throughout the year

Funding: Charitable foundations; commercial research grants; government agencies; research councils; scholarships

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Any associated with production of thesis

Careers: Education; government agencies; industry; local government; research

Taught programmes

Key facts for all taught programmes

Entry requirements: First- or upper second-class honours degree or equivalent in geography or a related subject; or a masters degree in an appropriate subject

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework, dissertation

Start date: October

Intake: Variable

Applying: University application form with transcripts

Closing date: 1 May

Funding: Commercial research grants; government support; research council

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Any associated with production of dissertation

MA City and Regional Development

Admissions Tutor: Dr Suzanne Reimer
Tel: +44 (0)23 8059 8816
Email: gg-admissions@southampton.ac.uk

This programme provides a basis from which to explore key elements of 21st century urban and regional change. By engaging with wider social scientific debates, you will compile strategies and case studies to gain broad, practical exposure to the contemporary arena of urban and regional development, plus the necessary skills and experience to work in these areas.

Programme structure

Semester 1: Cities and the Creative Economy; Design and Statistical Analysis of Surveys; Research Skills

Semester 2: Urban Policy and Planning; Qualitative Methods; Research Project Design

Plus: Dissertation

Key facts

See Key facts for all taught programmes, plus:

Closing date: 1 May

Careers: Local economic development; property and retail development; urban and regional planning consultancies (see also PhD, page 113)

MSc Applied Geographical Information Systems and Remote Sensing

Admissions Tutor: Dr Jadu Dash
Tel: +44 (0)23 8059 2327
Email: gg-admissions@southampton.ac.uk

This is an innovative, interdisciplinary programme combining the areas of remote sensing and spatial analysis (GIS). It is particularly suitable if you wish to obtain a broad overview of the subject, with scope for specialisation. Teaching is delivered by members of the University's Centre for Environmental Remote Sensing and Spatial Analysis, a unique group comprising scientists, social scientists and technologists from across the University.

Programme structure

Semester 1:
Core modules: Core Skills in GIS; Remote Sensing for Earth Observation; Research Skills and Project Design

Option modules: GIS for Environmental Management; Calibration and Validation of Earth Observation Data

Semester 2:
Core modules: Research Skills and Project Design; Topographic Data Analysis Technique and Application

Option modules: Environment and Development; GIS for Healthcare Management; GIS for Analysis of Health

Summer semester: Dissertation

Key facts

See Key facts for all taught programmes, plus:

Entry requirements: First- or upper second-class honours degree or equivalent in a relevant subject area (eg pure and applied sciences, technological or social sciences)

Duration: 1 year (full-time)

Assessment: Groupwork, coursework, dissertation

Funding: Industrial; shared Commonwealth scholarship

Careers: Commercial consultancy; local and central government agencies; resource management

MSc Geographical Information Systems (online)

Southampton Programme Tutor: Dr Jim Wright
Contact: See MSc Applied Geographical Information Systems and Remote Sensing, this page

This programme offers a practical approach to implementing GIS techniques in real-world environments. You will enhance your skills in information acquisition, extraction and management, data analysis, computer modelling and mapping, which can be applied to key fields such as business decision-making, health management, planning, and environmental management.

The programme builds on the considerable GIS expertise of the universities of Southampton and Leeds, and includes optional modules from other Worldwide Universities Network partners. We deliver distance learning resources through well-established virtual learning environments, and provide telephone and electronic support. The programme is particularly suitable if you work in local enterprise or public sector organisations and require training and skills development in GIS, or if you wish to study independently.

Programme structure

Four core modules: Delivered by the University of Leeds

Four option modules: Two of which are drawn from one of the following application pathways:

- Health, Environment or Remote Sensing (delivered by the University of Southampton)
- Planning, Business or Developer (delivered by the University of Leeds)

Key facts

See Key facts for all taught programmes, plus:

Entry requirements: First- or good second-class honours degree in an appropriate subject, or appropriate professional experience and/or qualifications. We will consider suitable equivalent qualifications from international and mature applicants, and welcome applicants with relevant work experience

Duration: MSc: 3 years (part-time); Diploma: 2 years (part-time)

Assessment: Online projects and assignments, dissertation

Start dates: 1 January, 1 April, 1 July and 1 October

Applying: All students are registered with the University of Leeds in year 1, and should apply to the Distance Learning Team, School of Geography, University of Leeds, Leeds LS2 9JT, or by email: gisonline@leeds.ac.uk

Closing date: see **www.gislearn.org**

Funding: University of Leeds scholarship competition

Additional costs: Any associated with production of dissertation; GIS software licence for home computer

Careers: Commercial consultancy; local and central government agencies; resource management

MSc Geo-information Science and Earth Observation for Environmental Modelling and Management (GEM)

Admissions Tutor: Dr Jadu Dash
Contact: See MSc Healthy Cities, this page
www.gem-msc.org

This MSc was initiated through the EU Erasmus Mundus programme, with fully funded EU scholarships available for exceptional students from outside the EU. The 24-month programme is run collaboratively by the University of Southampton (UK), Lund University (Sweden), the University of Iceland , the University of Warsaw (Poland) and the International Institute for Geo-Information Science and Earth Observation ITC, University of Twente (Netherlands), with teaching by world-renowned staff and visiting scholars. You will develop a critical understanding of technical and scientific tools, plus excellent management and personal skills, and an ability to operate in different cultural and linguistic settings.

MSc Healthy Cities

Admissions Tutor: Professor Graham Moon
Tel: +44 (0)23 8059 2327
Email: gg-admissions@southampton.ac.uk

This MSc links study of healthy cities with an academic focus on skills in GIS, a key tool for assessing variations in health needs and outcomes across urban areas. The programme addresses global health concerns and draws on the expertise of one of the world's leading groups of health geographers as well as other groups from across the University.

Programme structure

Semester 1: Healthy Communities; Core Skills in GIS; Geographical Research Skills

Semester 2: Geographical Research Project Design; GIS for Analysis of Health; GIS for Healthcare Management

Plus: Dissertation

Key facts

See Key facts for all taught programmes, plus:

Entry requirements: First- or second-class honours degree or equivalent in geography, urban planning, public health, social policy or similar areas. Other qualifications considered

Assessment: Coursework, examination, dissertation

Careers: Health agencies and urban planning; national or international consultancy on health impact assessment, healthy cities and health promotion; nonclinical public health

MSc Palaeoecology

Admissions Tutor: Professor Tony Brown
Contact: See MSc Healthy Cities, this page

This course combines a core of palaeoecology with GIS and environmental management options. This provides both an academic focus with transferable skills in GIS and other geographical skills.

Programme structure

Semester 1: Advanced Palaeoecology; Core Skills in GIS; Geographical Research Skills; GIS for Environmental Management

Semester 2: Field Palaeoecology for Conservation; Geographical Research Project Design; Topographic Data Analysis Techniques and Applications

Plus: Dissertation

Key facts

See Key facts for all taught programmes, plus:

Entry requirements: First- or second-class honours degree or equivalent in geography, environmental science, ecology, or biology. Other qualifications considered

Assessment: Coursework, examination, dissertation

Additional costs: Any associated with production of dissertation; field course

Careers: Employers such as national park authorities, wildlife trusts and local authorities, environmental consultancies, archaeological consultants and trusts

MSc River Science and River Management

Admissions Tutor: Professor David Sear
Contact: See MSc Healthy Cities, page 115

This programme links study of river processes and management with an academic focus on skills in modelling and GIS, key tools for assessing the response of river systems to environmental change and for supporting river management decisions.

Programme structure

Semester 1: Hydromorphology – The Scientific Basis; Research Skills; Freshwater Ecosystems; Core Skills in Remote Sensing; GIS for Environmental Management

Semester 2: Hydromorphology and River Management; Research Project Design; Topographic Data Analysis; River and Fisheries Restoration

Plus: Dissertation

Key facts

See Key facts for all taught programmes, plus:

Entry requirements: First- or second-class honours degree or equivalent in geography, environmental science, ecology, environmental engineering or similar areas. Other qualifications considered.

Careers: Research and planning posts in environmental consultancies and specifically river management agencies; national or international consultancy work on river-related management

MRes Healthy Cities

Admissions Tutor: Professor Graham Moon
Contact: See MSc Healthy Cities, page 115

This MRes combines study of theoretical and policy issues concerned with healthy cities with methodological training directed towards the production of a research-based dissertation. The programme addresses global health concerns and draws on the expertise of one of the world's leading groups of health geographers as well as other groups from across the University.

Programme structure

Semester 1: Healthy Communities; Geographical Research Skills

Semester 2: Geographical Research Project Design

Plus: Dissertation

Key facts

See Key facts for all taught programmes, plus:

Entry requirements: First- or second-class honours degree or equivalent in geography, urban planning, public health, social policy or similar areas. Other qualifications considered.

Assessment: Coursework, examination, dissertation

Careers: Further research in geography and public health planning (see also PhD, page 113)

MRes Palaeoecology

Admissions Tutor: Professor Tony Brown
Contact: See MSc Healthy Cities, page 115

This course combines a core of palaeoecology with GIS and environmental management options. This provides both an academic focus with transferable skills in GIS and other geographical skills.

Programme structure

Semester 1: Advanced Palaeoecology; Geographical Research Skills

Semester 2: Field Palaeoecology for Conservation; Research Project Design

Plus: Dissertation

Key facts

See Key facts for all taught programmes, plus:

Entry requirements: First- or second-class honours degree or equivalent in geography, environmental science, ecology, or biology. Other qualifications considered.

Assessment: Coursework, examination, dissertation

Additional costs: Any associated with production of dissertation; field course

Careers: Further research in geography, archaeology or environmental management (see also PhD, page 113)

MRes River Science

Admissions Tutor: Professor David Sear
Contact: See MSc Healthy Cities, page 115

This programme combines study of the functioning of rivers with methodological training directed towards the production of a research-based dissertation. The programme draws on the research and expertise of one of the world's leading groups of fluvial geomorphologists.

Programme structure

Semester 1: Hydromorphology – The Scientific Basis; Research Skills

Semester 2: Research Project Design

Plus: Dissertation

Key facts

See Key facts for all taught programmes, plus:

Entry requirements: Second-class honours degree or equivalent in geography, environmental science, ecology, environmental engineering or similar areas. Other qualifications considered

Careers: Further research in geography and environmental management (see also PhD, page 113)

We have an international reputation for cutting-edge research, while our taught programmes offer excellent opportunities for healthcare staff and those wishing to pursue a career in the health services.

Contact

Tel: +44 (0)23 8059 5500
Email: healthsciences@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/healthsciences

Staff publications are listed at
www.southampton.ac.uk/healthsciences/research/groups

Professor Alison Richardson

Professor Richardson's expertise lies in the areas of cancer, palliative and end of life care. Looking at the experiences of people affected by cancer and life-limiting illness and those at the end of life, her research seeks to improve support through appropriate, patient-centred nursing and a multidisciplinary approach to care.

Alison is currently exploring the role of the primary care team in the care of patients diagnosed with cancer. She says: "We are also assessing the potential effectiveness of a brief psychotherapy called 'dignity therapy'. This can be delivered at the bedside by any trained health or social care professional to reduce the psychological distress that we see so often in older people in care homes."

John Salmon

John completed a BA Sports Studies with Business and worked as a personal trainer before coming to Southampton to study for a PG Dip Nursing (Mental Health), funded through a bursary.

He says: "Studying at Southampton has given me the opportunity to realise my goals. Support is readily available and I am encouraged to explore many different study methods. I hope to use my sports and fitness experience in an approved clinical environment to help young offenders rehabilitate and reintegrate into society."

Health Sciences

Academic staff: 220

Postgraduate research students: 133

Postgraduate taught students: 854

RAE rating: 3.25 (2008)

Location: Highfield Campus/Southampton General Hospital

Internal links: Centre for Research on Ageing (CRA); Institute of Sound and Vibration Research (ISVR); Life Sciences Interfaces Forum; Education; Electronics & Computer Science (ECS); Geography; Social Sciences; Southampton Neurosciences Group

External links: Charities; Department of Health; industry; local health and social services; local voluntary agencies; national and international research groups; national healthcare collaborations; NHS; professional bodies; social care authorities

Resources: Hartley Library (Highfield Campus); Health Services Library (Southampton General Hospital); local NHS libraries; bioscience nursing laboratories; well-equipped biomechanics and gait laboratories; ultrasound measurement; extensive IT resources; postgraduate training programme; Researcher Development and Graduate Centre

Centres: Macmillan Research Unit; Life Sciences Interfaces Forum; National Cancer Research Institute's Supportive and Palliative Care Research Collaborative (Cancer Experiences Research Collaborative); National Physiotherapy Research Network; Neurosciences Initiative; Southampton Statistical Sciences Research Institute (S3RI)

Our research strengths are founded on multidisciplinary collaboration with experts in a wide range of clinical professions, and we are committed to promoting a dynamic interface between our research and education portfolios.

Research groups

Cancer, Palliative and End of Life Care

Head of Research Group: Professor Alison Richardson

Our research aims to enhance the lives of individuals affected by cancer, other life-limited conditions and those at the end of life through three research programmes:

– Understanding their experiences and concerns
– Developing, testing and evaluating new interventions
– Investigating the organisation and delivery of care

We are particularly known for our research on decision-making about organ and tissue donation, the organisation and delivery of palliative and end of life care in the community, the early detection of lung cancer, symptom research, especially the development of effective non-pharmacological interventions, and as the home of the VOICES bereavement questionnaire.

We host the Cancer Experiences Collaborative (CECo), a National Cancer Research Institute's Supportive and Palliative Care Research Collaborative. The group also includes the Macmillan Survivorship Research Group.

Staff

Professor Julia Addington-Hall, Dr Chris Bailey, Mathew Breckons, Dr Sarah Brien, Dr Lucy Brindle, Dr Maureen Coombs, Professor Jessica Corner (Dean of Health Sciences), Dr Philip Cotterell, Dr Sue Duke, Dr Deborah Fenlon, Dr Claire Foster, Dr Jane Frankland, Dr Karen Gerard, Dr Jane Hopkinson, Victoria Ka-Ying Hui, Dr Katherine Hunt, Dr Nikki Jarrett, Katerina Klump, Geraldine (Gerry) Leydon, Dr Tracy Long-Sutehall, Dr Peter Nicholls, Dr Ikumi Okamoto, Professor Alison Richardson, Alison Rowsell, Andy Sibley, Dr Elizabeth Thompson, Dr Richard Wagland

Organisation and Delivery of Care

Head of Research Group: Professor Sue Latter

We research key contemporary health services issues to provide evidence that will influence and improve policy and practice for patients and carers, professionals, managers, commissioners and policy makers. We aim to understand, evaluate and explain healthcare organisation and delivery processes, systems and outcomes. Research is translational, applied and contextual. Our work spans a wide range of clinical conditions and healthcare contexts and focuses on three areas:

- Knowledge: the transfer, organisation and implementation of knowledge in practice
- Practice: new practices and emerging professional roles
- Workforce: reconfigurations and enabling and measuring workforce effectiveness

Programmes of research include: evaluating and enabling workforce effectiveness; non-medical prescribing and medicines management; self-management in long-term conditions; the dynamics of interactions and relationships; implementing clinical interventions and innovative health technologies; everyday healthcare practice and technologies in use. For further information visit **www.southampton.ac.uk/healthsciences/research/groups**

Staff

Dr Alan Borthwick, Dr Deborah Craddock, Dr Robert Crouch, Dr Rebecca Foster, Dr Mary Gobbi, Professor Peter Griffiths, Liz James, Professor Judith Lathlean, Professor Sue Latter, Professor Carl May, Dr Peter Nicholls, Catherine Pope, Dr Jacquie Prieto, Emma Rowland, Alison Rowsell, Professor Dr Jo Turnbull, Dr Bronagh Walsh, Dr Jo Watson

Rehabilitation and Health Technologies

Head of Research Group: Professor Jane Burridge

The group encompasses three related programmes: Human Movement: Neurological and Musculoskeletal Systems; Respiratory System Research: Diagnostics, Imaging and Therapy; Continence Technology and Skin Care.

We research the development, validation and evaluation of rehabilitation and health technologies. Through experimental research, clinical trials, collaboration with the commercial sector and close interaction with healthcare providers, we aim to translate cost-effective technologies into clinical practice. Our work is therefore interdisciplinary, spanning clinical research, sensor, control, and signal processing engineering, neuroscience and biomechanical research and behavioural and health psychology. Research is funded from sources such as the Engineering and Physical Sciences Research Council, the National Institute of Health Research, the European Union, the Technology Strategy Board, and industrial partners and charities.

The principles underpinning our work are that the development of technologies is user driven and that technologies should be grounded in research on physiological mechanisms. Three themes run through our research: experimental research into physiological, performance and behavioural mechanisms associated with dysfunction and recovery; clinical research leading to the development and evaluation of current and novel treatments; and research on the psychosocial aspects of rehabilitation and health technologies that investigate user experience and adherence.

Staff

Jo Adams, Professor Anne Ashburn, Miriam Avery, Professor Dan Bader, Dr Cathy Bowen, Dr Anne Bruton, Malcolm Burnett, Professor Jane Burridge, Katrina Butler, Claire Chadwick, Dr Lesley Collier, Richard Collier, Professor Joy Conway, Dr Sara Demain, Dr Samuel Dinesh, Dr Maggie Donovan-Hall, Professor Mandy Fader, Mrs Anne Margaret Fenech, Caroly Fitton , Dr Sue Green, Dr Anne-Marie Hughes, Dr Dorit Hyndman Kunkel, Dr Bashir Lwaleed, Dr Cheryl Metcalf, Dr Julia Potter, Dr Jacquie Prieto, Dr Lisa Roberts, Claire (Alison) Ryall, Professor Maria Stokes, Lisa Tedesco-Triccas, Juliette Truman, Ruth Turk, Dr David Voegeli, Martin Warner, Dr Peter White, Nicky Wilson, Tony Wilson, Peter Worsley

Research programmes

MPhil/PhD

Head of Postgraduate Research Students:
Professor Judith Lathlean
Deputy Head of Postgraduate Research Students:
Dr Deborah Craddock
Tel: +44 (0)23 8059 7979
Email: directadmissions.health@southampton.ac.uk

The MPhil/PhD is suitable for health/social care researchers wanting to develop their own project which fits with our research groups. It involves working closely with a supervisory team to produce a thesis and uses the researcher development framework to make the most of development opportunities. Doctoral-level research training is provided alongside structured assessed activities relating to the research. Students are part of a Health Sciences research group, thus benefiting from the support of the research community.

Key facts

Entry requirements: First- or upper second-class honours degree, or a higher degree in a health-related subject (or equivalent)

Duration: 3–4 years (full-time); up to 7 years (part-time)

Assessment: Assessed research activities in first/second years; examined upgrade thesis (30,000 words) with viva voce; final thesis (75,000 words) with viva voce

Start date: October

Intake: Variable

Applying: University application form, references, outline research proposal and interview

Closing date: 1 June (later applications may be considered)

Funding: Self-funding or employer sponsorship; funding may also be sought via advertised doctoral research fellowships and charity organisations

Fees: UK/EU (2011/12) full-time £3,732, part-time £1,866; international (2012/13) full-time £15,800

Careers: Research; education; senior management and leadership positions in health and social care organisations

Taught/research programmes

Doctorate in Clinical Practice (DClinP)

Award Leader: Dr Elizabeth Cluett
Tel: +44 (0)23 8059 7850
Email: e.cluett@southampton.ac.uk; or directadmissions.health@southampton.ac.uk

The DClinP is suitable if you are an experienced health and social care practitioner wishing to pursue a high-level career in clinical practice, and to lead innovative, evidence-based practice. The programme is run in partnership with the Institute of Sound and Vibration Research (ISVR) (see page 130). It comprises a modular, taught component (one-third) and an original piece of research (two-thirds).

Programme structure

Core modules: Decision-making for Advanced Clinical Practice; Designing and Implementing Research; Governance in Action; Leading Service Development

Option modules from: University portfolio of masters programmes

Plus: Doctorial thesis (45,000–50,000 words)

Key facts

Entry requirements: First- or upper second-class honours degree or higher in a relevant subject and/or a higher degree in a health-related subject (or equivalent), plus a health professional qualification leading to registration with the appropriate professional body; minimum 3 years' relevant clinical/professional practice

Duration: 3–4 years (full-time); 4–7 years (part-time)

Assessment: Each module is assessed independently and some may link directly to your research project. The research project is assessed by thesis (45,000–50,000 words) with viva voce

Start date: October

Intake: 20

Applying: University application form, references, outline research proposal and interview

Closing date: 1 June (later applications may be considered)

Funding: You may be able to seek funding from your employing Trust or Strategic Heath Authority (SHA)

Fees: UK/EU (2011/12) full-time £4,489, part-time £2,245; international (2012/13) full-time £15,800

Careers: Healthcare policy advisor; consultant practitioner, clinical researcher; academic career

Taught programmes

MRes Clinical Research

Admissions Tutor: Dr Bronagh Walsh
Tel: +44 (0)23 8059 7991
Email: bmw@southampton.ac.uk

This innovative programme is run in conjunction with ISVR, and offers graduates from a range of clinical backgrounds a first postgraduate step in developing and combining research skills applied to clinical practice. Assessment methods are designed to help you integrate theory and practice, maximise critical thinking skills, and advance your clinical research skills.

Programme structure

You may choose to exit the programme at an earlier stage, with either a PG Cert (60 credits) or a PG Dip (120 credits).

Core modules: Research Skills in Health and Social Care; Advanced Research Skills (Quantitative and Qualitative); dissertation

Key facts

Entry requirements: Lower second-class honours degree or equivalent in a relevant subject from an approved higher education institution; current relevant job contract in a clinical and/or research area. If you do not meet these criteria, you will be considered for admission if you can provide evidence of appropriate qualifications (eg diploma in physiotherapy, occupational therapy, podiatry, nursing, or speech and language therapy). If you do not have an honours degree, you will be expected to demonstrate evidence of continued professional and educational development

Duration: 1 year (full-time); 2–5 years (part-time)

Assessment: Research proposal, critical appraisal of literature, presentations, project reports, empirical dissertation

Start date: October

Intake: 12

Applying: University application form with transcripts

Closing date: 30 June (later applications will be considered)

Funding: Self-funding or employer sponsorship

Fees: UK/EU (2011/12) full-time £5,466; international (2012/13) full-time £15,800

Careers: Clinical academia; clinical research

MSc Advanced Clinical Practice

Award Leader: Dr Helen Rushforth
Tel: +44 (0)23 8059 7919
Email: her@southampton.ac.uk

This is a flexible, student-centred programme open to all experienced registered healthcare professionals. The programme is designed to enable experienced practitioners to advance their knowledge, skills and competence in relation to their practice role.

Students can choose to study either the Standard pathway (which includes 60 credits' worth of option modules) or one of several alternative pathways which include: Child and Adolescent Mental Health; Critical Care; Long-term Conditions; Midwifery; Neonatal Studies; Specialist Practice Community Nursing; and Urgent Care.

Programme structure

The MSc normally comprises six 20-credit modules, or one 40-credit and four 20-credit modules at masters level, plus a 60-credit dissertation. You will be required to undertake three core modules common to all pathways (Research Methods and Evidence-based Practice, Transition to Advanced Practice and the dissertation), plus a number of other modules, depending on your chosen pathway. You may choose to exit the programme at an earlier stage, with either a PG Cert (60 credits) or a PG Dip (120 credits). You may also enrol to undertake the PG Certificate or PG Diploma.

Key facts

Entry requirements: Lower second-class honours degree or equivalent in a relevant subject from an approved higher education institution; current professional registration with a relevant professional/statutory body, or equivalent; current relevant job contract in a clinical area; minimum 2 years' relevant clinical experience; satisfactory academic and clinical references (applicants for the Specialist Practice Community Nursing pathway must be registered on an appropriate part of the NMC register)

Duration: 1–2 years (full-time); 2–5 years (part-time)

Assessment: Negotiated learning contracts, essays, dissertation, written examination, case study, professional conversations, practical examination through simulation, portfolios, skills log

Start date: October

Intake: 30

Applying: University application form; transcripts required for non-UK/EU students

Closing date: 30 June (later applications will be considered)

Funding: Must be sought from employer or other sources

Fees: UK/EU (2011/12) £5,466–£7,618 (depending on pathway); international (2012/13) £15,800

Careers: Senior health professionals

MSc Clinical Leadership in Cancer, Palliative and End of Life Care

Programme Leader: Dr Sue Duke
Tel: +44 (0)23 8059 7882
Email: sd11@southampton.ac.uk

This innovative interprofessional programme is designed to enhance your ability to provide expert care, lead and transform clinical services, develop others and contribute to clinical research in the specialties of cancer, palliative and end of life care. It will be individually tailored to your learning needs and provided through workshops and master classes, interspersed with work-based and e-learning. You will be supported by a discipline-specific academic tutor and a research coach.

Programme structure

Three core specialty modules: Specialist Practice in Cancer Palliative and End of Life Care (40 credits); Policy and Service Design in Cancer, Palliative and End of Life Care (20 credits); International and Contemporary Perspectives of Clinical Leadership in Cancer, Palliative and End of Life Care (20 credits)

Plus: E-learning for Generic Research Methods (20 credits); one module selected from a choice available across the University, appropriate to the student's practice (20 credits); dissertation (60 credits)

Key facts

Entry requirements: First degree (2:2 or above) or equivalent in a relevant subject from an approved higher education institution; current professional registration with relevant professional/statutory body or equivalent; experience providing care to adults or young people or children with cancer, or who have palliative care or end of life care needs as a consequence of any illness; a satisfactory reference and evidence of support from your manager

Duration: 1–2 years (full-time); 2–5 years (part-time)

Assessment: Student-negotiated assignment for all of the core modules, designed to meet the module learning

outcomes, the student's professional development needs and those of their workplace

Start date: October

Intake: 15

Applying: University application form with transcripts

Closing date: 1 September

Funding: Mix of NHS contracts and self-funding

Fees: UK/EU (2011/12) full-time £5,466; international (2012/13) full-time £15,800

Careers: This programme is designed for clinical leaders and emerging clinical leaders of any discipline working with individuals of any age with cancer and pallaitive and end of life care needs as a consequence of cancer or non-cancer illness

MSc Health and Rehabilitation

Award Leader: Dr Peter White
Tel: +44 (0)23 8059 8954
Email: hsenqpg@southampton.ac.uk

This interprofessional programme aims to support the development of students' skills in advanced practice, research and critical appraisal and clinical reasoning relevant to their area of practice. It develops individuals with initiative, complex problem-solving skills and commitment to lifelong learning in the context of health and social care systems, which are constantly evolving. Students have the flexibility to choose their own area of practice as a focus for their studies and to 'individualise' their learning, particularly through modular assessments and dissertations.

Programme structure

Core modules: Outcome Tools for Effective Practice; Psychological and Social Relationships in Health and Rehabilitation; Clinical Research in Practice; Transition to Advanced Practice; Extending the Scope of Practice in Upper Quadrant Musculoskeletal Disorders; Advanced Communication and Consultation Skills

Option modules: Sensory Motor Interaction in Neurorehabilitation; Learning and Teaching for Health and Social Care Practice; Injection Therapy; module from a range offered by Health Sciences or elsewhere in the University to which access can be agreed

Plus: Dissertation

Key facts

Entry requirements: First- or upper second-class honours degree in a relevant discipline from an approved higher education institution. A lower second-class degree or other appropriate qualifications will be considered (eg diploma in physiotherapy, occupational therapy, podiatry, nursing, speech and language therapy, medicine or psychology). If you do not have an honours degree you will be expected to demonstrate evidence of advanced studies

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Critical discourses, research proposal, poster presentation, viva voce, practical work on quantitative and qualitative data analysis, case studies, online discussions, themed reflections, dissertation

Start date: October

Intake: 25–30

Applying: University application form with transcripts

Closing date: August (later applications may be considered)

Funding: You may seek funding from employing organisations, local workforce development confederations, deaneries and governments (overseas students)

Fees: UK/EU (2011/12) full-time £5,466, part-time £2,733; international (2012/13) full-time £15,800

Careers: This multidisciplinary programme opens up different career options, enabling you to focus on areas of relevant practice and research, and helping you deal with rapid changes in knowledge and healthcare systems, leading to improvements in quality of care

MSc Leadership and Management in Health and Social Care

Award Leader: Richard Giordano
Tel: +44 (0)23 8059 7979
Email: hsenqpg@southampton.ac.uk

This interprofessional masters programme is designed specifically for potential and existing leaders and managers working in a health or social care setting. The programme aims to develop your personal and professional skills and to enhance your effectiveness in organisations. You will also gain an understanding of the leadership evidence base and theory. The programme has a distinct practice-based focus.

Programme structure

Core modules: Applied Decision-making; Evidence-based Practice; Leadership of Change; Strategic Management

Option modules: Governance in Action; Managing People and Self in Organisations or two modules of your choice with the approval of the Award Leader

Plus: Dissertation – choice of three (15,000–20,000 words)

Key facts

Entry requirements: First- or upper second-class honours degree in a health or social care subject. If you do not meet these criteria, evidence of suitable experience/qualifications may be considered (eg a relevant professional qualification at a suitable level, plus several years' post-qualifying experience, at least some at a senior level)

Duration: 2 years (full-time); 2–5 years (part-time)

Assessment: Written assignments, critical reports, case studies, peer assessments, personal action plans, evidence-based dissertation, individual and group presentations

Start date: October

Intake: 15–20

Applying: University application form with transcripts and two letters of reference

Closing date: 30 June each year

Funding: Self-funding or employer sponsorship

Fees: UK/EU (2011/12) full-time £5,466; international (2012/13) full-time £15,800

Careers: Senior management in health and social care settings

MSc Physiotherapy (Pre-registration)

Programme Leader: Rob Shannon
Tel: +44 (0)23 8059 6804
Email: hsenqug@southampton.ac.uk

If you are a science graduate with well-developed learning skills, this programme offers an accelerated route to the necessary qualifications to apply for a licence to practise physiotherapy in the UK. The programme uses a guided discovery model of learning, reinforced by clinical placements. The aims have been closely matched to the NHS Knowledge and Skills Framework.

Programme structure

Core modules: You must successfully complete all modules in the programme successfully

Clinical placements: You must complete at least 1,000 hours

Plus: Research study at masters level, written up as a paper for publication

Key facts

Entry requirements: A recent first- or upper second-class honours degree in a human biology/behavioural science/sports science/health-related profession, in which the foundation sciences (including human anatomy and physiology/psychology) were completed at honours level; plus experience of undergraduate-level research and a project/dissertation. Evidence of recent cardiopulmonary resuscitation skills an advantage; and insight into the physiotherapy profession required

Duration: 2 years (full-time)

Assessment: Varied; clinical skills will be assessed in practical and clinical situations throughout the programme

Start date: January

Intake: 12

Applying: Application form with transcripts, references, interview, health screening process, immunisation status check prior to clinical placement, CRB checks. Online application at **www.southampton.ac.uk/healthsciences_taughtcourses_mscphysio**

Closing date: Applications close when the commissioned places have been filled

Funding: NHS Workforce Development Directorate (to qualify for funding you must have been a resident in the UK for 3 years prior to commencing the programme or be an EU national living in an EU country); we are not able to accept privately funded applicants

Fees: UK/EU (2011/12) full-time fully funded; international (2012/13) full-time £15,800

Careers: Industry; NHS; private practice; sports

MSc Public Health Practice

Award Leader: Lyn Wilson
Tel: +44 (0)23 8059 7852
Email: hsenqpg@southampton.ac.uk

This innovative programme is designed to meet the 10 occupational standards for public health practice and is designed to develop your knowledge and skills in providing effective multi-agency public health practice. Both pathways are offered on a full-time or part-time basis and require you to be in practice.

Programme structure

Core modules (both pathways): Collaborative Working to Promote and Protect Health and Wellbeing; Epidemiology for Public Health; Evidence-based Practice; Social Policy for Health and Wellbeing; Strategic Leadership and Management for Health and Wellbeing

Specialist pathway: Specialist Community Public Health Nursing

Generic pathway: Optional module from a wide range

Plus: Dissertation

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent; NMC registration on the appropriate part of the register (for Specialist Community Public Health Nursing pathway only)

Duration: Varies according to pathway

Assessment: Written assignments, portfolio of practice learning, dissertation

Start date: September

Intake: Variable

Applying: University application form with transcripts

Closing date: 30 May

Funding: NHS sponsorship for Specialist Community Public Health Nursing pathway through pre-purchased NHS contracted places

Fees: UK/EU (2011/12) £5,466–£6,157

Careers: Specialist community public health nurse; senior public health staff

PG Dip Mental Health Studies

Award Leader: Diane Carpenter
Tel: +44 (0)23 9286 6861
Email: hsenqug@southampton.ac.uk

The PG Dip Mental Health Studies has two pathways:

1. The Mental Health Practitioner (MHP) is an innovative new role within mental health and social care, designed to complement and work alongside other roles in a multidisciplinary team. The Mental Health Practitioner pathway is a collaborative programme between the University and local trusts, merging work and study effectively to enable graduates to access a career in mental health immediately. The programme is not designed for healthcare professionals who are currently registered with a professional body.
2. The Low Intensity Worker (CBT) pathway is designed for individuals working within primary care as part of the Improving Access to Psychological Therapies (IAPT) initiative. Following completion of the PG Dip, you will have the opportunity to take one further module (Research Methods) and produce a dissertation in order to complete a masters degree.

Programme structure

There are six modules within each pathway, and you will also be required to complete an assessment of practice portfolio.

Key facts

Entry requirements: First- or upper second-class honours degree from a recognised university (normally in a health- or social care-related subject), plus GCSE English, or equivalent

Duration: 2 years (full-time)

Assessment: Assignments, essays, ongoing clinical practice and verification

Start date: September

Intake: Mental Health Practitioner (MHP): 19 (10 in Southampton, 9 in Oxford); Low Intensity Worker: 20

Applying: MHP: Hampshire Partnership NHS Trust: 023 8087 4115; Oxford and Bucks Mental Health NHS Foundation Trust: 01865 782 152. Low Intensity Worker: University of Southampton: 023 8059 5000

Closing date: May

Funding: Students are paid a salary by their employers

Fees: Fees payable by NHS

Careers: Mental health practitioner; low intensity worker

PG Dip Nursing (Pre-registration)

Award Leader: Wendy Wigley
Tel: +44 (0)23 8059 5500
Email: hsenqug@southampton.ac.uk

Before you can practise as a nurse, you must be registered with the Nursing and Midwifery Council (NMC). This programme will enable you to become a highly competent, knowledgeable and skilful practitioner in your chosen field. Practice experience represents two-thirds of the programme, and you will gain experience in a diverse range of practice settings. Three pathways are offered: Adult; Child; Mental Health.

Adult

Adult nursing is about caring for people of all ages with critical and acute healthcare needs, and with longer-term and palliative care requirements. Adult nurses assist with the restoration of health wherever possible, and deliver high-quality care to those with continuing health and social needs.

You will learn to work with clients, and their family and friends, as advocate, carer and supporter, making a real difference to their quality of life.

Child

In this field, nurses care for children and young people with health needs, and provide support to their families. The work is very varied, from the intensive care of a premature baby to caring for a sick adolescent, and promoting child health and wellbeing in the community. In child nursing, you often share your skills with others. A key requirement is to instil in the child's carers the confidence and ability to carry out their own caring role.

Mental Health

Mental health nurses care for people with mental health problems, helping clients to live their lives as normally as possible. They are on the frontline in providing support, working with GPs, psychiatrists, social workers and others to coordinate care. Mental health nurses work in people's homes, residential units and health centres, and have autonomy in how they plan and deliver care as part of a multi-agency team.

Key facts

Entry requirements: First- or second-class honours degree; GCSE mathematics and English (grades A*–C)

Duration: 2 years (full-time)

Assessment: Reflective accounts of practice, critical incident analyses, case studies, essays, examinations, project work, assessment of clinical practice

Start date: February

Intake: 70

Applying: UCAS centre code S27; course codes: Adult: 3010; Child: 3310; Mental Health: 3110. Visit **www.ucas.ac.uk**

Closing date: December

Funding: NHS bursary (approximately £6,701) available to UK residents: **www.nhsbsa.nhs.uk/students.aspx**

Fees: UK/EU no fees payable for applicants who meet the criteria set by the NHS Student Grants Unit (typically UK/EU residents are exempt from fees)

Careers: Nursing

We offer a wide menu of stimulating and innovative programmes across diverse chronological and geographical fields of research.

Contact

Postgraduate enquiries:
Tel: +44 (0)23 8059 8062
Email: pghums@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/history

Professor Mark Stoyle

Professor Stoyle has written widely on politics, religion and society in Tudor and Stuart Britain. He is particularly interested in the English Civil War and has published several books and articles about that conflict, as well as others which deal with Cornish ethnic identity and urban defence. His new book – *The Black Legend of Prince Rupert's Dog* – explores how popular beliefs about witchcraft were exploited for political ends during the 1640s. Mark has appeared on many TV and radio programmes and has supervised some 50 MA and PhD students.

Mark says: "My postgraduates examine a wide variety of topics, ranging from sexual insult during the Civil War, cross-dressing under Charles I and evolving perceptions of the witch's familiar, 1510–1682."

mjs@southampton.ac.uk

Mike Everett

Mike is a full-time postgraduate student, working on a biography of Thomas Cromwell.

Mike started his PhD research in 2009, having completed undergraduate and masters degrees at Southampton. He says: "Postgraduate is different from undergraduate study in that you are given far more independence to pursue your own research interests. There is something immensely rewarding about being given three years to research a topic you are fascinated by. I spend a great deal of time in the archives, reading and transcribing original sixteenth century documents, but there is also an excellent postgraduate community here and plenty of opportunities to get involved and make contacts. I would have no hesitation in recommending postgraduate study at Southampton."

History

Academic staff: 35

Postgraduate research students: 40

RAE rating: 2.95 (2008)

Location: Avenue Campus

Internal links: Politics & International Relations; Sociology & Social Policy

External links: Chawton House Library; Worldwide Universities Network; many museums and Erasmus/Socrates centres

Resources: Teaching delivered by leading experts in their fields of study; specialist, internationally acknowledged archival collections in the fields of modern British and colonial history, and Jewish history and culture; dedicated postgraduate study areas, including on-site computer workstations

Centres: Centre for Imperial and Postcolonial Studies; Centre for Medieval and Renaissance Culture; Parkes Institute for the Study of Jewish/Non-Jewish Relations

Staff have interests in cultural and gender history; the history of identities; material, musical and visual cultures; and the study of history and memory. Supervision is offered in a range of subject areas, including interdisciplinary research projects.

Research areas

www.southampton.ac.uk/history/research/facilities.html

Ancient and Medieval History

Contact: Dr Peter Clarke
Tel: +44 (0)23 8059 4865
Email: p.d.clarke@southampton.ac.uk

Early Modern History

Contact: Professor Mark Stoyle
Tel: +44 (0)23 8059 4860
Email: mjs@southampton.ac.uk

Eighteenth Century Studies

Contact: Dr Stephen Bygrave
Tel: +44 (0)23 8059 3018

Jewish History and Culture

Contact: Professor Tony Kushner
Tel: +44 (0)23 8059 2233
Email: ark@southampton.ac.uk
www.southampton.ac.uk/parkes

Medieval and Renaissance Culture

Contact: Professor Ros King
Tel: +44 (0)23 8059 3168
Email: r.king@southampton.ac.uk

Modern American History

Contact: Professor John Oldfield
Tel: +44 (0)23 8059 2239
Email: jro1@southampton.ac.uk

Modern British and British Colonial/Postcolonial History

Contact: Professor Ian Talbot
Tel: +44 (0)23 8059 2242
Email: iat@southampton.ac.uk

Modern European History

Contact: Professor Mark Cornwall
Tel: +44 (0)23 8059 4868
Email: j.m.cornwall@southampton.ac.uk

Staff

Professor Dana Arnold, Professor George Bernard, Dr Chris Briggs, Dr Peter Clarke, Dr Jonathan Conlin, Professor Mark Cornwall, Professor Anne Curry, Dr Hormoz Ebrahimnejad, Dr Julie Gammon, Dr Shirli Gilbert, Dr Neil Gregor, Dr Maria Hayward, Dr Leonie Hicks (Teaching Fellow), Dr Nicholas Karn (Teaching Fellow), Dr Mathew Kelly, Dr Andy King (Research Fellow), Professor Tony Kushner, Dr Claire Le Foll, Dr Dan Levene, Dr Mark Levene, Dr Jane McDermid, Dr Pritipuspa Mishra, Professor John Oldfield, Dr Kendrick Oliver, Professor Sarah Pearce, Dr Christer Petley, Dr Andres Rodriguez, Professor Joachim Schloer, Dr Adrian Smith, Dr François Soyer, Dr Helen Spurling, Ian Karten (Outreach and Teaching Fellow), Professor Mark Stoyle, Professor Ian Talbot, Dr Joan Tumblety, Dr Lena Wahlgren-Smith (CMRC Research Fellow), Professor Chris Woolgar

Research programmes

MPhil/PhD

Contact: Dr Joan Tumblety
Tel: +44 (0)23 8059 5425
Email: jt7@southampton.ac.uk
www.southampton.ac.uk/history/postgrad/mphilphd.html

Key facts

Entry requirements: First- or strong upper second-class honours degree or equivalent in history or a cognate discipline; MA/MRes normally required

Duration: Up to 4 years (full-time); up to 7 years (part-time)

Assessment: Thesis (75,000 words maximum), viva voce

Start date: Normally October and February each year

Intake: Variable

Applying: University application with transcripts and research proposal

Closing date: 1 September (but dependent on funding body deadlines); informal enquiries welcome at any time

Funding: AHRC Block Grant; Archival Research Studentships

Fees: UK/EU (2011/12) full-time £3,732, part-time £1,866; international (2012/13) full-time £12,500

Careers: Arts administration; curating; heritage management; research degrees; teaching

Taught/research programmes

Key facts for History MRes programmes

Entry requirements: First- or upper second-class honours degree or equivalent; for MRes Medieval and Renaissance Studies only: English language: IELTS 7.5/TOEFL 640/computer-based TOEFL 267 for EU and international students

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, dissertation

Start date: October

Intake: Variable

Applying: University application with transcripts and research proposal

Closing date: 1 September

Funding: AHRC Block Grant; University studentships may be available

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

Careers: Arts administration; curating; heritage management; research degrees; teaching

Find out more: **www.southampton.ac.uk/history/postgrad/mastersintro.html**

MRes History

Contact: Dr Jonathan Conlin
Tel: +44 (0)23 8059 8425
Email: jgwc2@southampton.ac.uk

This programme is intended for those who already have a good idea of a specific topic they wish to address. Training in research skills and historiography will enable you to make the most of your research, producing a substantial piece of scholarship. Though you will be able to count on the support of expert supervision, this course will best suit those with a well-defined project already in mind, as well as the enthusiasm and determination to see it through to completion.

Programme structure

Core modules: Research Skills; Historiography

Plus: Dissertation (35,000–40,000 words)

MRes Jewish History and Culture

Contact: Dr Shirli Gilbert
Tel: +44 (0)23 8059 2232
Email: s.gilbert@southampton.ac.uk

The MRes offers an overview of Jewish history, literature and culture, from antiquity to the contemporary world, with an emphasis on the broad context of Jewish/non-Jewish relations.

The programme is supported by an internationally renowned team of leading scholars. It will suit you if you wish to undertake a substantial piece of written research at masters level.

Programme structure

Core modules: Approaches to Jewish History and Culture; Jewish/Non-Jewish Relations; Research Skills

Plus: Dissertation (30,000 words)

Humanities Interdisciplinary MRes Medieval and Renaissance Studies

Convenor: Professor Ros King
Tel: +44 (0)23 8059 3168
Email: r.king@southampton.ac.uk
www.southampton.ac.uk/cmrc

This MRes is designed for students who already have a clear idea of their research project, and is ideal for students whose research demands support from different disciplines. The core module, Renaissances and Reformations: Generic Skills, is taught by specialist staff from music, literature, history, archaeology and material culture, and may be taken in either semester one or semester two. This module provides a general education in medieval and renaissance studies as well as generic skills training. In addition, you will be required to take a language module, either in Latin or in another language if that is more relevant to your proposed research, as well as a module that will introduce you to palaeography.

Together these modules are designed to enable you to become an effective researcher in the medieval and renaissance periods.

Programme structure

Core modules: Latin or another language relevant to the dissertation; Palaeography; Renaissances and Reformations: Generic Skills

Plus: Dissertation (35,000–40,000 words)

Taught programmes

Key facts for History taught programmes

Entry requirements: First- or upper second-class honours degree or equivalent; for MA Medieval and Renaissance Culture only: English language: IELTS 7.5/TOEFL 640/computer-based TOEFL 267 for EU and international students

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, dissertation

Start date: October

Intake: Variable

Applying: University application with transcripts

Closing date: 1 September

Funding: AHRC Block Grant; Humanities studentships may be available

Fees: UK/EU (2011/12) full-time £4,500 part-time, £2,250; international (2012/13) full-time £12,500

Careers: Arts administration; curating; heritage management; research degrees; teaching

Find out more: **www.southampton.ac.uk/history/postgrad/mastersintro.html**

MA History

Contact: Dr Jonathan Conlin
Tel: +44 (0)23 8059 8425
Email: jgwc@southampton.ac.uk

This course combines training in research skills and historiography with a wide range of options, from antiquity to the late twentieth century. You may wish to follow one of our themed pathways, allowing you to explore a region or concept across a number of modules, or you may prefer to adopt a pick-and-mix approach. Either way, you will be taught by leading scholars in their fields, gaining an insight into current research and making your own contribution through the dissertation.

Programme structure

Core modules: Research Skills; Historiography

Four option modules from pathways in: British History; Imperial History; European History; American History

Plus: Dissertation (15,000–20,000 words)

MA Jewish History and Culture

Contact: Dr Shirli Gilbert
Tel: +44 (0)23 8059 2232
Email: s.gilbert@southampton.ac.uk

This programme offers an innovative, multidisciplinary approach to Jewish history, literature and culture, from antiquity to the contemporary world, with special emphasis on the broad framework of Jewish/non-Jewish relations. Your studies will centre on the world-class resources of the Parkes Library and Archive, and you will be taught by an internationally renowned team of scholars based at the the Parkes Institute for the Study of Jewish/Non-Jewish Relations.

Programme structure

Core modules: Approaches to Jewish History and Culture; Jewish/Non-Jewish Relations; Research Skills

Option modules include: Britain, the USA, and the Holocaust; History of the Jews in Babylonia; Jews in the Hellenistic World; The Holocaust in American Film; Jewish Society and Culture in Eastern Europe; Memory and Nostalgia

Plus: Dissertation (15,000–20,000 words)

Humanities Interdisciplinary MA Medieval and Renaissance Culture

Convenor: Dr Chris Briggs
Tel: +44 (0)23 8059 9397
Email: c.d.briggs@southampton.ac.uk
www.southampton.ac.uk/cmrc

This innovative MA will equip you to carry out independent research, while providing a broad education in medieval and renaissance culture. You will explore the concepts of 'renaissance' and 'reform' in religion and culture, and will be taught by specialist staff from disciplines including music, literature, history and archaeology. In addition, you will take a course in Latin, familiarising you with the classical and medieval forms of the language, and a core course in palaeography will enable you to read original medieval and renaissance documents in Latin and English. Together these modules are designed to train you in essential research skills for the study of the Middle Ages and the Renaissance.

Programme structure

Core modules: Latin; Palaeography; Renaissances and Reformations

Option module from: A list of modules on antiquity, the Middle Ages and the Renaissance offered in Humanities

Plus: Dissertation (15,000–20,000 words)

Please note: Modules vary from year to year

MA Eighteenth Century Studies (Chawton)

Reader: Professor Emma Clery
Tel: +44 (0)23 8059 4544
Email: e.j.clery@southampton.ac.uk
www.chawton.org
www.southampton.ac.uk/scecs/postgraduate/masters.html

This programme allows you to specialise in the history and culture of the long eighteenth century, through interdisciplinary study encompassing literature, history, philosophy, and visual and material culture. You will be introduced to concepts and issues central to current research, and will study the unique collection of early women's writing at Chawton House Library.

Programme structure

Core modules: Approaches to the Long Eighteenth Century; Research Skills (in English or history)

Four option modules from: Eighteenth Century Fiction; English Social and Cultural Life in the Long Eighteenth Century; Philosophy and the Art of Tragedy; Placing Poetry; Slavery and Abolition in the Atlantic World; Unknown Jane Austen; Women and Writing the French Revolution; another Humanities or Winchester School of Art MA module

Plus: Dissertation (15,000–20,000 words)

Please note: Selection of modules depends on availability

Institute of Sound and Vibration Research (ISVR)

ISVR is widely acknowledged as the world's foremost centre for teaching, research and consultancy in the field of sound and vibration.

Contact

Admissions Tutor (Research): Dr A McAlpine
Tel: +44 (0)23 8059 2667
Email: am@isvr.soton.ac.uk

MSc admissions: See individual programmes

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/isvr

Staff publications are listed at
www.isvr.soton.ac.uk/publications/index.htm

Robert Allen, Professor of Biodynamics and Control

Professor Allen's research interests currently focus on developing novel techniques to analyse signals from patients in the operating theatre or critical care unit in order to help clinicians diagnose problems and care for their patients.

He also studies the biological world to learn new tricks for novel technologies. "In echolocation," he says, "you can only marvel at the impressive performance of bats and dolphins using only sonar to navigate and locate their food. Maybe we could develop navigation systems to help people with a visual or hearing impairment by understanding how these animals use sound. We may also be able to improve underwater sonar systems."

r.allen@southampton.ac.uk

Federica Pace

Federica is studying for her PhD in the Signal Processing and Control Group.

She says that studying at Southampton has given her the opportunity to develop her skills on many different levels. "I work in a multidisciplinary environment, combining my biology education with acoustical engineering. During my project, I got the chance to follow my passion and study the acoustics of humpback whales, conducting fieldwork in Madagascar every summer. The friendliness and expertise of the staff means that ISVR is a great place to improve as a researcher, and the opportunity to take part in outreach activities makes doing a PhD fun."

Institute of Sound and Vibration Research

Academic staff: 40

Postgraduate research students: 90

Postgraduate taught students: 50

RAE rating: With Engineering Sciences, we were ranked second in the total number of unit of assessment 28 academics whose research was deemed 'world leading' or 'internationally excellent' (2008)

Location: Highfield Campus

Internal links: Chemistry; Engineering Sciences; Health Sciences; ISVR Consulting; Medicine

External links: Cochlear Europe; Defence Science and Technology Laboratory (Dstl); Ford Motor Co UK, Europe and USA; HSE; Knowles Elec Co; Jaguar–Land Rover UK; Ministry of Defence; MRC; Nissan Motor Co Japan; QinetiQ; Renault, France; Rolls-Royce plc; Samsung Electronics; Texas Instruments; Ultra Electronics; Wessex Cardiac Trust

Resources: Anechoic room; reverberation rooms; subjective acoustics laboratories; wind tunnel; acoustic fatigue test facility; motion simulation laboratory; railway test facilities; computing facilities for signal processing; vibrations laboratory

Centres/spin-out companies: Hearing and Balance Centre; ISVR Consulting; South of England Cochlear Implant Centre

In 2005, we were awarded a Queen's Anniversary Prize for Higher Education for "improving the quality of life for the profoundly deaf and reducing noise pollution".

Research areas

Dynamics

We have a wide range of interests in the modelling, measurement and control of structural vibrations. Specific engineering applications extend to land, aerospace and marine vehicles, structures, machinery and biological systems. Our industry links are strong, reinforced by our close cooperation with industries across the EU. Key research areas include:

Active control and smart structures

We work on the control of vibration using smart structures. Projects include: tunable vibration absorbers; active vibration isolation; wave-based control of vibration in beams, plates and pipes; and the development of novel sensors, actuators and devices.

Dynamic modelling

We focus on models required to predict the dynamic behaviour of a wide range of systems, including flexible rotors and squeeze-film dampers, earthquake behaviour of buildings, turbochargers, leak detection in pipework, porous materials, and crack detection in built-up structures, and nonlinear vibration of isolators and energy harvesters.

Dynamics of biological systems

Our research focuses on the modelling of muscles and on their control mechanisms. Systems studied include the hind leg of locusts and the human neuromuscularskeletal system, especially the wrist flexors and extensors. Our work also concerns human motion dynamics and control.

Structural dynamics at higher frequencies

Our interests concern modelling the dynamics of uncertain structures and noise and vibration transmission at mid and high frequencies. These require special methods. Our work covers component modal methods, wave-based approaches and the development of hybrid FEA/wave/energy methods. Applications include noise and vibration transmission in automotive, rail and aerospace structures, tyre noise and vibration and measurement of energy flow through machinery mounts and structural members.

Railway noise and vibration

ISVR is a leading centre for research into railway noise and vibration. Our activities concentrate on the development of state-of-the-art theoretical models, together with the application of generic methods. Recent research includes: the reduction of rolling noise by wheel and track modifications; the modelling of ground vibration and ground-borne noise; noise from steel and concrete railway bridges; noise inside railway vehicles; and models of noise from rail joints and wheel flats.

Staff

Dr Steve Dorney, Dr Neil Ferguson, Dr Chris Jones, Professor Brian Mace, Dr Emiliano Rustighi, Professor David Thompson, Dr Tim Waters

ISVR Consulting: Dr Malcolm Smith

Fluid Dynamics and Acoustics

The work of this group covers the prediction and mitigation of aircraft noise, general ultrasonics, underwater acoustics and high-power ultrasonics for biomedical applications, virtual acoustics and semi-classical methods. Key research areas include:

Prediction and control of aircraft noise

ISVR is a leading centre for research into aircraft noise, in particular the noise generated by commercial turbofan engines. We host the Rolls-Royce University Technology Centre (UTC) in Gas Turbine Noise, and have close collaborative relationships with Rolls-Royce and other airframe and nacelle manufacturers (AIRBUS (F) and (UK), Bombardier-Shorts, GKN).

Semi-classical acoustics

We are applying theoretical tools developed in quantum physics to acoustical problems, particularly at mid to high frequencies, where the usual methods of statistical energy analysis may not be valid.

Underwater acoustics, bioacoustics and power ultrasonics

- Bubble acoustics: We count, locate and size the sound properties of gas bubble populations in diverse environments: for example, beneath breaking ocean waves, for monitoring how greenhouse gases dissolve into the ocean, in commercially sensitive materials, within industrial pipelines, and within bubble nets used by humpback whales and dolphins to trap fish. Intense sound fields can 'tear' liquids apart. The bubbles thus formed then collapse violently, and the gas within them can be compressed to reach temperatures as hot as the surface of the sun. We use this ultrasonic effect in a range of interdisciplinary research projects to destroy kidney stones and to generate extreme chemical reactions
- Cavitation: We explore the explosive growth and violent collapse of bubbles within liquids, and the resulting erosion caused by intense acoustic fields
- Ultrasonic techniques for diagnosing osteoporosis: Our work investigates the interaction between ultrasound and porous bone to improve ultrasonic diagnosis systems

Virtual acoustics, inverse methods and electroacoustics

- Research is under way to develop an acoustic virtual imaging system using multiple loudspeakers
- Source localisation: We are applying inverse methods of processing microphone outputs to measurements undertaken in the near field and far field of sources of unwanted sound, with the ultimate objective of better quantifying and reducing radiation from the sources

Staff

Professor Jeremy Astley, Dr Filippo Fazi, Dr Gwenael Gabard, Dr Keith Holland, Professor Victor Humphrey, Professor Phillip Joseph, Professor Timothy Leighton, Dr Alan McAlpine, Professor Philip Nelson, Dr Rod Self, Dr Matthew Wright

Human Sciences

Biodynamics

Our research includes experimental studies of the transmission of vibration to the seated and standing human body, the development of mathematical models and anthropodynamic dummies, and the use of these models to predict seat transmissibility. We are also investigating the transmission of vibration to the fingers, hand and arm, and the effects of gloves on hand-transmitted vibration.

Health effects of vibration

Through epidemiological studies we are looking into the effects of hand-transmitted vibration and whole-body vibration on health (eg vibration-induced white finger and the hand-arm vibration syndrome).

Hearing and balance

Our research aims to improve diagnosis of disorders of the hearing and balance systems and to improve treatments for patients.

- Hearing aids and cochlear implants: We investigate why the most common forms of hearing impairment introduce distortion of speech and other sounds. We investigate novel algorithms for digital hearing aids and cochlear implants that will help to overcome these problems
- Cochlear and peripheral auditory function: Most hearing impairments affect the tiny hair cells of the inner ear (cochlea) and our research aims to understand how they act as biological amplifiers of sound. We devise non-invasive tests that demonstrate the workings of the auditory system for clinical diagnosis. We also examine factors that can damage the inner ear, such as noise exposure

– Vestibular function: Balance disorders involving the vestibule of the inner ear are common. Our research aims to understand the natural processes of compensation for such disorders within the central nervous system and treatments that promote compensation

Motion sickness

Experimental studies in the laboratory aim to advance understanding of the motions of the body and visual scene that cause motion sickness. Studies of sickness in road vehicles, trains, aircraft and marine vessels are also ongoing.

Performance effects of vibration

Studies of the effects of motion on performance include effects on reading, writing, the use of computers and postural stability.

Subjective responses to vibration

Experimental studies are under way to advance our understanding of the perception of whole-body vibration and hand-transmitted vibration, and to use this knowledge to predict vibration discomfort in transport and the annoyance caused by vibration in buildings.

Staff

Dr Steven Bell, Dr Stefan Bleeck, Ms Jane Burgneay, Dr Gary Farrell, Professor Michael Griffin, Dr Ben Lineton, Professor Mark Lutman, Mrs Emma Mackenzie, Dr Miyuki Morioka, Dr Yi Qiu, Dr Daniel Rowan, Dr Rachel van Besouw, Dr Carl Verschuur, Dr Shouyan Wang, Mrs Vicky Watson, Dr Jacqueline Young

Signal Processing and Control

Active control

We focus on the development of smart structures for the control of sound radiation, and of sound control systems for audio applications (eg the practical implementation of an active headrest, designed to reproduce an audio signal at one seat, but attenuate it in the adjacent seat). We are also developing bio-inspired algorithms for cooperative robotic control systems.

Auditory and speech modelling

Our research activities include modelling the active processes within the inner ear. These processes contribute to our exquisite hearing sensitivity and give rise to many important audiological effects. Speech modelling research is focused on source–tract interaction and, in particular, on the effect of a quasi-periodically varying boundary condition at the glottis and on understanding what prehistoric man sounded like.

Bioacoustics

Our work helps marine biologists recognise and track whales and dolphins and to classify sounds from cetaceans and pinnipeds. We are unravelling the echo-locating abilities of bats and dolphins, with the objective of improving man made sonar systems.

Biomedical signal processing and control

Research projects in this area include: spine imaging using low-dose x-ray images of the spine in motion; automatic control of anaesthesia using the patient's auditory response to sound; the analysis of heart and lung sounds for diagnosis of heart murmurs and respiratory disease; the interpretation of EEG signals for neurological investigations; multichannel recording of the EMG from muscles to investigate fatiguing characteristics; and investigation of the cerebral circulation from transcranial Doppler ultrasound.

Signal processing for underwater systems and non-stationary processes

Our current emphasis is on the study of the detection and classification of transient phenomena, using time-frequency methods to model non-stationary processes.

Staff

Professor Robert Allen, Dr Anna Barney, Professor Steve Daley, Professor Stephen Elliott, Dr Maryam Ghandchi Tehrani, Dr David Simpson, Professor Paul White

Research programmes

PhD

Admissions Tutor: Dr A McAlpine
Tel: +44 (0)23 8059 2667
Email: am@isvr.soton.ac.uk
www.southampton.ac.uk/isvr

Key facts

Entry requirements: Honours degree or equivalent in engineering, science or mathematics from an approved university

Duration: 3–4 years (full-time); 4–6 years (part-time)

Assessment: Exam, coursework, thesis

Start date: Throughout the year

Intake: 30

Applying: University application form with transcripts, two academic references, personal statement

Closing date: None

Funding: Commercial research grants; research councils; some scholarships available

Fees: UK/EU (2011/12) full-time £3,732, part-time £1,866; international (2012/13) full-time £17,400, part-time £8,700

Careers: Academia; aerospace; audiology; automotive industry; biomedical industry; commercial industry; construction; consultancy; engineering and design; environment agencies; health service; research and development

Taught/research programmes

Doctorate in Clinical Practice (DClinP)

Award Leader: Professor ME Lutman
Tel: +44 (0)23 8059 2798
Email: m.e.lutman@southampton.ac.uk
www.southampton.ac.uk/isvr
www.southampton.ac.uk/healthsciences

The DClinP is suitable if you are an experienced health and social care practitioner and wish to pursue a high-level career in clinical practice. The programme is run in partnership with Health Sciences (see page 120). It comprises a modular, taught component (one-third) and an original piece of research (two-thirds).

Programme structure

Core modules: Decision-making for Advanced Clinical Practice; Designing and Implementing Research; Governance in Action; Leading Service Development

Option modules from: University portfolio of masters programmes

Plus: Dissertation (45,000–50,000 words)

Key facts

Entry requirements: First- or upper second-class honours degree in a relevant subject and/or an MSc in a health-related subject, or equivalent; a health professional qualification leading to registration with the appropriate professional body; minimum 3 years' relevant clinical/professional practice

Duration: 3–4 years (full-time); 4–7 years (part-time)

Assessment: Each module is assessed independently and some may link directly to your research project. The research project is assessed by thesis (45,000–50,000 words) with viva voce

Start date: October

Intake: 20

Applying: University application form with transcripts and research proposal

Closing date: 1 June (later applications may be considered)

Funding: You may be able to seek funding from your employing Trust or Strategic Health Authority (SHA)

Fees: UK/EU (2011/12) full-time £4,489, part-time £2,245; international (2012/13) full-time £15,800

Careers: Academia; healthcare policy advisor; healthcare specialist

Taught programmes

MRes Clinical Research

Admissions Tutor: Dr Bronagh Walsh
Tel: +44 (0)20 8059 7991
Email: bmw@southampton.ac.uk
www.southampton.ac.uk/healthsciences

This innovative programme is run in conjunction with Health Sciences, and offers graduates from a range of clinical backgrounds a first postgraduate step towards developing and combining research skills as applied to clinical practice. Assessment methods are designed to help you integrate theory and practice, maximise critical thinking skills and advance your clinical research skills.

Programme structure

You may choose to exit the programme at an earlier stage, with either a PG Cert (60 credits) or a PG Dip (120 credits).

Core modules: Research Skills in Health and Social Care; Advanced Research Methods; Work-based Learning

Option module: Dissertation

Key facts

Entry requirements: Upper second-class honours degree or equivalent in a relevant subject from an approved higher education institution; current relevant job contract in a clinical and/or research area; minimum 2 years' relevant clinical experience. If you do not meet these criteria, you will be considered for admission if you can provide evidence of appropriate qualifications, eg diploma in physiotherapy, occupational therapy, podiatry, nursing, or speech and language therapy. If you do not have an honours degree, you will be expected to demonstrate evidence of continued professional and educational development

Duration: 1 year (full-time); 2–5 years (part-time)

Assessment: Research proposal, critical appraisal of literature, presentations, project reports, empirical dissertation

Start date: October

Intake: 12

Applying: University application form with transcripts

Closing date: 30 June (later applications will be considered)

Funding: Self-funding or employer sponsorship

Fees: UK/EU (2011/12) full-time £5,466; international (2012/13) full-time £15,800

Careers: Clinical academia; clinical research

MSc Audiology

Admissions Tutor: Dr Daniel Rowan
Tel: +44 (0)23 8059 2288
Email: audiology-enquiries@isvr.soton.ac.uk
www.southampton.ac.uk/audiology/courses/postgraduate/msc.html

This is the leading programme in the UK for the pre- and post-registration training of audiologists, whose primary roles are in the diagnosis and rehabilitation of hearing and balance problems in children and adults. Places are also available for international and self-funded UK students. You can obtain a PG Cert or PG Dip by successfully completing shorter programmes. From October 2011, we also hope to provide the masters component of the UK government's new Scientific Training Programme. See our website for details.

Programme structure

Core modules (lecture work): Anatomy and Physiology; Basic Acoustics and Sound Perception; Clinical Audiology; Principles of Rehabilitation

Problem-based learning modules: Balance Disorders; Diagnostic Audiology; Paediatric Audiology; Project Development; Research Methods; Tinnitus

Plus: Clinical practicum

Plus: Research project (MSc only)

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in an appropriate science or engineering discipline

Duration: 1 year (full-time)

Assessment: Examinations, individual and group coursework assignments, dissertation (MSc)

Start date: October

Intake: 30

Applying: University application form with transcripts, two academic references, personal statement assignments

Closing date: When all places have been taken, usually by 31 March

Fees: UK/EU (2011/12) MSc: full-time £4,500; international (2012/13) full-time £15,800

Careers: Clinical scientists or audiologists within the NHS and healthcare systems worldwide

MSc Applied Digital Signal Processing
MSc Engineering Acoustics
MSc Sound and Vibration Studies
MSc Structural Dynamics

Admissions Tutor: Dr Gwenael Gabard
Tel: +44 (0)23 8059 2291
Email: mscsvs@isvr.soton.ac.uk
www.isvr.southampton.ac.uk/courses/mscsvs.html

There is increasing pressure to make life quieter and to gain a better understanding of how noise and vibration affect people. These MSc programmes are full-time masters degrees, aimed at engineering, science or mathematics graduates. No prior knowledge of acoustics is required. Part-time study may be available, subject to approval. You will cover aspects of engineering acoustics, structural dynamics, applied digital signal processing and human effects of sound and vibration. It is also possible to qualify with a PG Dip on completion of the taught element, or with a PG Cert on completion of six taught modules. Your final degree title will depend on the options you select and the subject of your project.

Programme structure

Please note: Not all modules are offered each year

Semester 1

Six modules from: Digital Signals and Systems; Fundamentals of Acoustics; Fundamentals of Vibration; Human Response to Sound and Vibration; MATLAB Computation; Musical Instrument Acoustics; Noise Control; Signal Processing; Underwater Acoustics 1

Semester 2

Five modules from:

Applied Digital Signal Processing: Active Control of Sound and Vibration; Adaptive Methods; Audio Signal Processing; Biomedical Applications of Signal Processing; Electroacoustics; Introduction to Random Signals; Sonar and Array Signal Processing

Engineering Acoustics: Active Control of Sound and Vibration; Advanced Measurement Techniques; Analytical and Numerical Acoustics; Architectural and Building Acoustics; Audio Signal Processing; Environmental and Transportation Noise; Fundamentals of Aeroacoustics; Underwater Acoustics 2

Structural Dynamics: Active Control of Sound and Vibration; Advanced Measurement Techniques; Finite Element Vibration Analysis; Human Response to Vibration; Structural Vibration; Vibration Control

Plus: Project preparation module

Plus: Research project

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in engineering, science or mathematics

Duration: 1 year (full-time); 2–5 years (part-time)

Assessment: Examinations, coursework, dissertation

Start date: October

Intake: 25 (across all programmes)

Applying: University application form with transcripts

Closing date: 31 May

Funding: A few partial scholarships are available to well-qualified candidates

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £15,800

Careers: Academia; automotive industry; biomedical industry; commercial industry; construction; consultancy; engineering and design; environment agencies; health service; research and development

Southampton Law School has a first-class international reputation, not only for its staff research but also for encouraging young legal academics.

Contact

Postgraduate Admissions Tutor:
Professor Brenda Hannigan
Tel: +44 (0)23 8059 3447
Email: postgrad.law@southampton.ac.uk

Please visit our website to order or download our brochure, view podcasts, video clips and read student testimonials

www.southampton.ac.uk/law

Staff publications are listed at **www.southampton.ac.uk/law/about/staff.page?**

Professor Brenda Hannigan

Professor Hannigan's main research interests lie in company law, especially directors' duties, shareholder rights and remedies, and all aspects of corporate governance.

Among current projects, Brenda is working on the regulation of conflicts of interest and directors' responsibilities in the context of takeovers. "The challenge in this or any area of commercial law is to explore complex legal concepts in a way that engages students while demonstrating how detailed critical analysis of the law can provide real-world solutions to real business problems. After all, when business people turn to their lawyers, what they want is the creative application of the theory to their practical problems."

b.m.hannigan@southampton.ac.uk

Jin Jing Meng

After completing her LLM Maritime Law at Southampton, Jing returned to China, where she now works in a law firm, advising clients from the shipping industry.

She says: "At Southampton, emphasis is placed on the development of academic and personal skills, which really helps you to focus on your career plan. Lecturers and tutors are all experts in their fields, and many are qualified solicitors and barristers. If you want to have a great time, as well as leaving with a well-respected degree, the supportive and friendly environment of Southampton Law School could be ideal."

Law

Academic staff: 40

Postgraduate taught students: We aim to recruit 120 postgraduate taught students for 2012

Postgraduate research students: 30

RAE rating: *The Times' Good University Guide 2009* placed the University of Southampton's Law School in the top 10 UK law schools, while the 2008 RAE confirmed that 95 per cent of our research output was of international quality or above

Location: Highfield Campus

Internal links: National Oceanography Centre Southampton (NOCS); Electronics & Computer Science (ECS); Health Sciences; Medicine: Geography; Psychology; Social Sciences

External links: Law firms; maritime organisations; the Bar

Resources: Comprehensive online legal resources (including Westlaw, LexisNexis Professional and Justis), providing access to extensive holdings of international and domestic journals and law reports; a newly extended law library, with individual study rooms, extensive holdings in the main areas of legal study and exceptional collections in the fields of maritime, commercial and European law, especially in the Phillippa Kaye Maritime Library, as well as the Ford Collection of British Official Parliamentary Papers (a comprehensive collection of UK official publications)

Centres: Institute of Maritime Law; Institute for Law and the Web at Southampton; Health Ethics and Law Network; Institute of Criminal Justice; Centre for Law, Ethics and Globalisation; Centre for European Law; Equity and Property Law Group; Family Law Research Group

Research areas

Maritime Law

Our Institute of Maritime Law is the largest in the UK and is the research base of some of the world's leading lawyers in this field. Close connections are maintained with leading maritime lawyers, academics, maritime law associations and international organisations throughout the world.

Information Technology Law

Research by the Institute for Law and the Web at Southampton combines legal expertise in key domains, such as information technology law, e-commerce, IT law and public policy, and intellectual property law. We are home to some of the most outstanding researchers in IT and IP law in the UK, offering extensive links with IT practitioners worldwide and the international academic community.

Criminal Justice

The Institute of Criminal Justice examines issues relating to the balance between order and control of crime on the one hand and the protection of civil liberties on the other. In addition to providing postgraduate courses in crime analysis, we also run a series of successful conferences.

Health Ethics

Drawing together more than 70 of the UK's foremost experts in healthcare law and scholars from other disciplines, the Health Ethics and Law Network explores the nature of law, its processes of production and impact on society, through examining specific examples in healthcare law and ethics.

European Law

The Centre for European Law's research covers all the core areas of EU law, including examination of the evolution of the EU as an entity and as an actor operating within the international context, as well as the substantive developments of the 'internal' law. In addition, we have expertise in comparative law, comparative antitrust law, commercial arbitration and litigation, evidence and consumer law, and comparative tort law.

Family Law

The Family Law Research Group's activities focus around different stages of the family lifecycle, including: human reproduction and beginning of life issues; the ascription or denial of legal parenthood; the rights and responsibilities of parents and others in relation to children, particularly with regard to child decision-making; constructions of welfare and identity in social and legal discourse; cohabitation and family property; divorce and ancillary relief; child support; end of life decision-making and sepulchral rights.

Equity and Property Law

The Equity and Property Law Research Group's research covers all areas of property including: the fundamental principles of property and equity and their operation in the domestic and commercial property sphere; the comparative consideration of equitable and property law doctrines in different common law jurisdictions; and the emergence of European property law.

Law, Ethics and Globalisation

The Centre for Law, Ethics and Globalisation responds to a growing demand for critical thinking on the processes of globalisation and their impact on all aspects of social life and relations. Our work encourages comparative, multidisciplinary and interdisciplinary research across the University, and serves as a forum for the exchange of ideas.

Staff

Professor Yvonne Baatz, Dr Ed Bates, Dr Oren Ben-Dor, Professor Hazel Biggs, Alun Gibbs, Dr Ozlem Gurses, Professor Brenda Hannigan, Nicholas Hopkins, Johanna Hjalmarsson, Dr Caroline Jones, Professor Dora Kostakopouplou, Dr Emma Laurie, Professor Natalie Lee, Mr Andrea Lista, Filippo Lorenzon, Dr James MacLean, Dr Paul Meredith, Professor Rob Merkin, Professor Jonathan Montgomery, Roksanna Moore, Phillip Morgan, Dr Renato Nazzini, Sarah Nield, Dr Remegium Nwabueze, Dr Melis Ozdel, Roksanna Moore, Phil Palmer, Dr Emily Reid, Professor Stephen Saxby, Dr Hedvig Schmidt, Andrew Serdy, Professor Peter Sparkes, Dr Sophie Stalla-Bourdillon, Professor Hilton Staniland, Mark Telford, Dr Michael Tsimplis

Research programmes

PhD

Postgraduate Admissions Tutor: Dr Emily Reid
Contact: See main details, page 136
www.southampton.ac.uk/law/pgopportunities/pgr

On average, we host 30 full-time doctoral students from around the world. We welcome proposals for postgraduate research in any relevant field of legal study, and offer a number of postgraduate research studentships in dedicated fields and graduate teaching assistantships.

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in law (English language: IELTS 7.0/TOEFL 625/computer-based TOEFL 263/internet-based TOEFL 106 for international students)

Duration: 3–4 years (full-time); up to 6 years (part-time)

Assessment: Dissertation

Start date: Throughout the year

Intake: Variable (dependent on supervisor availability)

Applying: University application form with transcripts, academic references, research proposal

Closing date: None

Funding: Studentships are available. For further details see our website

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Taught programmes

LLM Master of Laws

Postgraduate Admissions Tutor: Dr Renato Nazzini
Contact: See main details, page 136
www.soton.ac.uk/law/pgopportunities/llm.html

Our LLM Master of Laws offers choice from our full range of modules, providing a flexible academic programme which can be tailored to suit your own interests. You will develop your powers of analysis, legal reasoning and writing skills, while exploring four interesting and varied subjects. In today's competitive market, our programmes offer you the chance to enhance your knowledge and develop your skills, preparing you to compete with the best to secure your chosen career.

Choice of LLM streams available:

– General
– Commercial and Corporate Law
– European and Comparative Property Law
– European Law
– Information Technology and Commerce
– International Business Law
– International Law
– Maritime Law

Programme structure

Modules (choice of four) commonly available within the LLM programme are: Admiralty Law; Carriage by Air; Carriage of Goods by Sea; Commercial Conflicts of Laws and International Litigation; Comparative Civil Liberties; Comparative Competition Law; Comparative Intellectual Property Law; Comparative Land Laws of Europe; Corporate Governance; Eu Litigation and European Private Law; European Land Law; European Trusts, Succession and Private Taxation; International Commercial Arbitration; International Business Taxation; International Law of the Sea; International Marine and European Environmental (Liability) Law; International Protection of Human Rights; International Trade Law; Internet Law; Law of Unjust Enrichment; Legal Regulation of Fraud and Money Laundering; Marine Insurance; Secured Commercial Financing; World Trade Organization Law and Regional Economic Integration

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in law from an approved university (other qualifications and experience may be considered). Applicants whose first language is not English and who do not have a degree from a UK university will be required to provide evidence of competency in English by reaching 7.0 or above in an approved test such as IELTS. Students with a IELTS of 6.5 (or equivalent) will be required to attend a six-week pre-sessional course on English legal and language skills. For further details see **www.southampton.ac.uk/law**

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Dissertation, examination, assessed essays

Start date: October

Intake: 110

Applying: University application form with transcripts

Closing date: None, but early application encouraged

Funding: LLM scholarships are available. For further details see our website

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Banking; business; law firms; shipping industry; the Bar

Find out more: Brochure, CD-Rom and podcasts, video clips and student testimonials at **www.southampton.ac.uk/law/pgopportunities/llm.html**

MSc Crime Analysis (available 2012/13)

Admissions Tutor: Phil Palmer
Contact: See main details, page 136
www.southampton.ac.uk/law/pgopportunities

The MSc Crime Analysis is an interdisciplinary programme aimed at those seeking to develop their knowledge of the subject area to enhance employment opportunities within law enforcement, geographic information systems (GIS) communities, consultancies, or the private and public sectors.

Programme structure

Core modules: Understanding the Crime Event; Analysing Crime; The Criminological; Research Methodology

Two option modules from: Analysing International Data – organised Crime, Trafficking, Terrorism, etc; Analysis of Financial Data; Analysis of Telecommunications Data; Analysis of Open-source Information; Local Partnership Data; Threat and Risk Assessment; Geographical Analysis

Key facts

Entry requirements: First- or upper second-class degree in law (or a degree with a substantial legal component) is normally required. Mature applicants without formal qualifications but relevant work experience are encouraged to apply

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework and supervised dissertation on an agreed topic

Start date: October

Intake: New programme subject to approval

Applying: University application form with transcripts, two references, personal statement

Closing date: 30 September

Funding: No scholarships currently available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Trained crime analysts

Distance learning programmes

LLM Information Technology and Telecommunications Law

Admissions Tutors: Professors Stephen Saxby and Ian Lloyd
Tel: +44 (0)23 8059 3447
Email: llm.distancelearning@southampton.ac.uk
www.soton.ac.uk/law/pgopportunities/llm.html

From the earliest days of the computer, legal issues have been considered of central importance. As the machine permeates more aspects of daily life, so the legal dimensions have increased. The prime goal of this LLM programme is to reflect on some of the most important legal consequences of the information revolution.

Programme structure

Choice of four modules from: Legal Aspects of Information Security; E-commerce Law; Liability in the Information Society; Telecommunications Law; Intellectual Property Law; Access to Public Sector Information

Key facts

Entry requirements: First- or upper second-class degree in law (or a degree with a substantial legal component) is normally required. Mature applicants without formal qualifications but relevant work experience are encouraged to apply

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Each module is divided into four study themes. You will submit a reflective essay at the end of each theme. You will also submit a 5,000-word assessment at the end of each module, followed by a 15,000-word final dissertation

Start date: October

Intake: New programme

Applying: University application form with transcripts, two references, personal statement

Closing date: 30 September

Funding: No scholarships currently available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: If you are a law graduate, lawyer or IT specialist, where traditional classroom patterns of attendance are not suitable, and you seek to equip yourself with the skills and knowledge to formulate and apply law in today's information society, you will find this distance learning programme of considerable interest

We have an excellent international reputation for the analytical study of management and business. In the 2008 RAE, 55 per cent of our submitted research papers in areas from Management Science to Accountancy and Finance were judged to be 'world class' or 'internationally excellent'.

Contact

Research programmes enquiries:
Tel: +44 (0)23 8059 7787
Email: phdadmis@southampton.ac.uk

MSc enquiries:
Tel: +44 (0)23 8059 7364
Email: mgtmail1@southampton.ac.uk

MBA enquiries:
Tel: +44 (0)23 8059 5341
Email: mbateam@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/management

Dr Nicholas Clarke

Dr Clarke teaches and researches in the fields of learning and development, particularly in the area of emotional intelligence. His research incorporates constructivist perspectives of learning, in particular focusing on how qualities associated with relationships in the workplace influence organisation development in networks, how HRD policies are implemented, and issues around leadership.

Nicholas says: "Over the past five years, my interest in how the qualities associated with relationships in the workplace influence learning and behaviour has focused specifically on researching how emotional intelligence might be developed and how emotional intelligence and emotion affect learning and behaviour."

n.r.clarke@southampton.ac.uk

James Marti

After a degree in economics, James took an MSc International Financial Markets. He now works for Kleinwort Benson in London.

James says: "The postgraduate course helped me understand the way financial institutions function, which was vital when it came to applying for jobs in this arena. It was excellent preparation for my job in private banking as it put a real-world spin on theoretical topics, discussing how they are applied in financial institutions and markets."

Management

Academic staff: 58
www.southampton.ac.uk/management_staff

Postgraduate research students: 144

Postgraduate taught students: 620

Location: Highfield Campus

Internal links: Across the University

External links: International and national organisations in the private and public sectors

Resources: Refurbished buildings, with lecture theatres and dedicated teaching and study facilities, including our new Executive Education Centre

The School's mission is to produce research of international standing which covers all areas of management and business studies. Our research aims to make a significant contribution to theoretical developments across this broad set of disciplines and to solve problems of concern to commerce, the public sector and society in general.

Research areas

Management Science

www.southampton.ac.uk/management_research

Management science is one of our major strengths. We have an international reputation for credit risk, healthcare modelling and optimisation. Our research activities include the development of management science methodologies, and applying these to new problem areas. We have special expertise in credit scoring and consumer credit risk assessment, data mining, supply chain management and operations management problems.

Centre for Operational Research Management Science and Information Systems (CORMSIS)

We are among the largest and most prestigious groups of our kind in the UK, comprising researchers from Management and Mathematics, and covering a broad spectrum of activities including teaching and consultancy. We run five MSc programmes and have many links with business, industry, financial institutions and public sector organisations via our industrial liaison officers.

Centre for Risk Research (CRR)

An established strength of this research area is our involvement in modelling risk. We promote excellence in interdisciplinary risk research, consultancy and education, and assist organisations in the effective management of risk and uncertainty. We specialise in project risk management, risk in behavioural decision-making (especially risk-taking in speculative markets), and financial risk.

Health

Health research has played an important part in our portfolio for over 20 years. Projects have included qualitative and quantitative approaches, often in collaboration with Health Sciences, Medicine, Mathematics, and Engineering Sciences. Research topics include modelling of disease, evaluation of treatments, and service redesign and improvement. We are involved in several large national projects in healthcare, funded by the NHS and research councils.

Knowledge and information systems management

We have particular interests in the managerial and behavioural aspects of information systems and knowledge management. Recent developments cover: the role of narrative aspects of knowledge; the relationship between knowledge and trust in small teams; knowledge exchange within communities of practice; the management of organisational or corporate memory; and techniques for business rule modelling/discovery.

Centre for Narrative Studies (CNS)

We promote interdisciplinary research and the exchange of ideas and experiences across the University. The scope of study includes the consideration of narrative as a research instrument, a way of explaining research results, a medium of knowledge transfer and an organisational phenomenon.

Accounting and Finance

We offer a diverse range of expertise, in profit- and non-profit-oriented bodies. Research covers: the use of accounting and related information for the purposes of achieving accountability and governance; tax payer equity and behaviour; audit market characteristics; and accounting history.

Centre for Accounting, Accountability and Governance (CRAAG)

We study the relationship between accounting, accountability and governance, moving away from any single view of governance and/or accountability towards a more comprehensive and inclusive knowledge and understanding. Research draws on economics, organisational behaviour, sociology, law, history and political science.

Finance and banking

We have particular strengths in empirical finance and international banking. We have built a very successful global database on the world's major credit ratings in conjunction with *The Financial Times*. We have a direct link with the Electronic Broking System (EBS), and collaborate with other research groups on the impact of the Basel New Accord.

Centre for Banking, Finance and Sustainable Development

We conduct and encourage research on the relationship of finance and growth to finance and sustainable growth. We engage with academic, professional and industrial stakeholders.

Management

Corporate responsibility and community of practice

Our main interests lie in corporate responsibility and sustainability and business ethics. Current research focuses on sustainable procurement, and attitudes of SMEs to social and environmental issues.

Entrepreneurship

We conduct leading-edge research relevant to industry and business. Current activities span innovation and technology transfer, corporate entrepreneurship, business incubation, regional and science policy, small business and entrepreneurial performance, and gender issues.

Human resource management/ organisational behaviour

Recent research projects include: workplace learning within healthcare; the role of transactive memory in team effectiveness; ethical issues in undertaking social science research; and the influence of finance on management practice. Current projects include the influence of trust on team and organisational learning, and the relationship between emotional intelligence and workplace learning.

Marketing

Our research agenda is based on the closeness of developments in marketing analytics and the three core 'values' of strategic marketing: the value proposition; customer value; and value-for-money marketing. We view marketing analytics as an integration of marketing research, database analytics, web analytics and competitor intelligence.

Strategy

Our focus is on strategy practices, marketing strategy, organisational processes and structure. Research activities include: strategy development and implementation; strategic performance management and measurement in SMEs; and research on the validity of business gaming simulation as a learning medium. We are also researching innovative approaches to market segmentation, generational marketing, strategic consequences of an ageing population, reasons for company longevity, success factors in management consultancy, and intuition in strategy development.

Supply chain management

The principal challenges for business organisations and their strategists concern the development of value in complex supply chains or networks. We integrate skills in management science, risk management, corporate social responsibility and knowledge management to provide comprehensive coverage of the subject.

Research programmes

PhD

Research Coordinator:
Tel: +44 (0)23 8059 7787
Email: phdadmis@southampton.ac.uk
www.southampton.ac.uk/management_researchdegrees

We provide supervision across a broad range of topics: accounting; accountability and governance; corporate social responsibility; entrepreneurship; financial markets; health management; human resources; information technology/systems; innovation; management science; marketing; organisational behaviour; organisational research; risk; supply chain management; and strategy.

Key facts

Entry requirements: Masters degree or equivalent in a relevant subject (individual merits may be taken into account, depending on age, experience and other factors)

Duration: 2–4 years (full-time); 3–6 years (part-time)

Assessment: Upgrade seminar from MPhil to PhD, thesis, viva voce

Start date: Throughout the year; October preferred

Applying: University application form with transcripts, research proposal and references

Closing date: None

Funding: School and other scholarships available. See website for details

Fees: See website

Careers: Academia; banking and finance; government agencies; healthcare provision; management consultancy; multinational companies; NGOs; research fellowships (national and international)

Doctor of Business Administration (DBA)

Contact: Professor Malcolm Higgs
Tel: +44 (0)23 8059 7788
Email: malcolm.higgs@southampton.ac.uk
www.southampton.ac.uk/dba

This programme is suitable for senior managers who wish to undertake a substantial original investigation into a real business and management issue while remaining in business on a full-time basis. It offers block delivery with personal supervision.

Key facts

Entry requirements: Between 5 and 7 years' work experience, with a substantial part in a managerial role; MBA or MSc (preferably management-related) or a professional business qualification

Duration: 4 years (part-time)

Assessment: Upgrade seminar from MPhil to DBA, thesis, viva voce

Start date: October

Applying: University application form with transcripts, research proposal and references

Closing date: None

Funding: No scholarships currently available

Fees: **www.southampton.ac.uk/dba**

Careers: Academia, consultancy, portfolio careers

Find out more: DBA brochure

Taught programmes

MSc and MBA Admissions:
Tel: +44 (0)23 8059 3076
Email: mgtmail1@southampton.ac.uk
www.southampton.ac.uk/management_postgraduate

Key facts for all taught programmes

Entry requirements: First- or upper second-class honours degree from a UK university, or equivalent overseas/professional qualification (we are committed to assessing applications on individual merit). For English language requirements: **www.southampton.ac.uk/management**

Please note: Programme-specific entry requirements are listed under individual programme entries

Assessment: Essays, case studies, presentations, coursework, examinations, dissertation

Start date: End of September

Applying: University application form with transcripts

Closing date: We strongly advise non-EU applicants to apply by 31 May (later applications may not be concluded in time to obtain a visa)

Funding: A number of bursaries are available for alumni, together with other programme-specific schemes

Fees: **www.southampton.ac.uk/management_postgraduate_funding**

Deposits: All successful applicants for full-time taught programmes need to pay a deposit to secure their place within 30 days after acceptance of the University's offer (home/EU students: £250; overseas students: £1,000). Your deposit will only be refunded if you have failed to satisfy the conditions of the offer or if you have been refused a visa. When you enrol on your programme, your deposit will be offset against your fee

MBA (full-time and part-time)

Full-time

www.southampton.ac.uk/mba

Strategic management and leadership practice are conducted in an international context of networked organisations. Managers are required to develop sustainable and responsive business solutions.
Our AMBA-accredited MBA is academically rigorous, offering a participatory approach to learning, with its integrative, modular curriculum including research training and consultancy skills. We place emphasis on keeping as close to real-world business as possible through various forms of interaction. A significant part of the teaching is based on real-life business case studies and practical, action-oriented projects.

Part-time

www.southampton.ac.uk/mba

The part-time MBA is suitable if you have at least five years' significant managerial experience, and you are seeking to further your understanding of, and effectiveness in, the organisational and business context.

Programme structure

Key business skills:

Part 1. Core modules: Accounting: Managing and Measuring Performance; Contemporary Marketing; Corporate Finance; Decision Modelling and Analysis; Effective Leadership; Organisations in a Global Context; Managing People for Performance; Quality and Operations Management; Strategy

Part 2. Option modules (choose two): Consultancy; Logistics; Management; Project Management; Supply Management; modules from our current postgraduate programmes

Application of management skills:

Part 3. Core module: A group project facilitated by four themes: The Creator (innovation management); The Investigator (consultancy skills and research methods); The Decision-Maker (strategy process, scenario planning, risk and decisions); The Champion (organisational change and transition)

Part 4: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Entry requirements: First- or upper second-class honours degree from a UK university; Southampton Management School; PG Certificate Business Administration or equivalent overseas/professional qualification. For full-time MBA, at least 4 years' post-qualification work experience. For part-time MBA, at least 5 years' managerial-level work experience. Students must be at least 25 years of age at enrolment

Duration: 1 year (full-time); 2–3 years plus 6 months to complete the dissertation (part-time)

Assessment: Essays, case studies, coursework, group projects, presentations, examinations and a dissertation

Start date: September 2012 (full-time), September 2012 and February 2013 (part-time)

Applying: CV and employer reference

Closing date: For full-time MBA, you are strongly advised to apply by July 2012; for part-time MBA, August 2012 and January 2013

Funding: A limited number of bursaries are available for UK/EU and International self-funding students (full-time MBA only)

Fees: **www.southampton.ac.uk/management_postgraduate_funding**

Careers: Vary widely; recent examples have included management roles in large corporations, voluntary work, consultancy and starting a new business

Find out more: MBA brochure

PG Certificate Business Administration

This part-time PG Certificate provides an open-entry route to an MBA if you are a manager without a first degree or you wish to undertake a postgraduate course in management without first committing to the full MBA. The programme will equip you with basic management and study skills, and an understanding of strategic management in a variety of organisational contexts. By the end of the programme, you will have completed approximately one-third of the MBA.

Programme structure

The programme uses a subset of MBA modules as its core. Teaching takes place from late September to June. Subject to adequate performance on the PG Certificate, you have the option of applying to the MBA programme.

Core modules: Effective Leadership; Organisations in a Global Context; Accounting – Managing and Measuring Performance; Managing People for Performance

Option modules: Two from a selection of other MBA modules

Key facts

See Key facts for all taught programmes, page 143, plus:

Entry requirements: Open entry

Duration: 15 months (part-time)

Assessment: Some assessed group coursework, examination (in January or June)

Start date: September 2012/February 2013

Find out more: MBA brochure

MSc Accounting and Finance

This MSc will suit you if you wish to extend your knowledge of accounting and finance to an advanced level.

Options allow students to study a particular aspect of accounting or taxation in more depth.

Programme structure

Core modules: Corporate Finance; Equity Markets; Financial Accounting 1 and 2; Foundations of Research in Accounting; Management Accounting 1 and 2

Option modules: Accounting and Society; Financial Risk Management*; International Accounting and Taxation; International Financial Policy*; Financial Reporting and Markets

Plus: Dissertation

* Options only available to students who are part-qualified/qualified accountants (ACCA/CIMA)

Key facts

See Key facts for all taught programmes, page 143, plus:

Specific entry requirements: Degree in accounting and/or finance, or a professional qualification

Duration: 1 year (full-time)

Careers: Academia; banking; financial institutions; management consultancies; organisational management; professional accountancy

MSc Accounting and Management

This MSc will suit those wishing to gain knowledge of the fundamental concepts underlying accounting and management. It bridges the gap between general and specialist programmes and does not require prior knowledge of accounting or management.

Programme structure

Core modules: Financial Accounting 1; Management Accounting 1; Financial Accounting 2 or Management Accounting 2; Foundations of Accounting Research; Marketing in the Digital Age; People and Organisations; Qualitative and Quantitative Research; Strategic Management

Option modules: Corporate Finance; Managing Resources and Operations; Risk-taking and Decision-making; Strategic Marketing Decisions

Plus: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Specific entry requirements: None

Duration: 1 year (full-time)

Careers: Varied, including banking, financial institutions, management consultancies, organisational management

MSc Business Analytics and Management Sciences (BAMS)

BAMS involves applying a wide variety of techniques, methods and approaches for tackling real-life problems in businesses involving complex decision-making. Applications of such techniques usually result in improved processes, productivity and performance, with significant cost savings and increased revenues. Following the taught part of the programme, the dissertation is in the form of a three-month project, usually involving a placement or working closely with a company.

Programme structure

Core modules: Introduction to Management Science; Quantitative Methods; Mathematical Programming; Simulation; Managing Resources and Operations; Visual Basic

Key skills: Consultancy skills

Option modules: A vast range of options are available from Southampton Management School and from the MSc Operational Research offered by Mathematics. These include: Systems Thinking; Problem Structuring; Healthcare Modelling; Credit Scoring and Data Mining; Project Risk Management; Game Theory; Transportation ; Nonlinear Optimisation, Forecasting

Key facts

See Key facts for all taught programmes, page 143, plus:

Duration: 1 year (full-time); 2 years, plus 6 months for dissertation (part-time)

Funding: A limited number of bursaries are available to provide partial assistance with fees and living expenses. These are open to all suitable qualified full-time UK/EU students on a competitive basis

Careers: Highly varied, covering every sector of business and industry; public and private, technical and general management

Find out more: See MSc Management Sciences and Finance, page 147

MSc Corporate Risk and Security Management

Increased government and international regulation of organisational risk has led to a need for more consultants and experts with specialist knowledge. This programme emphasises the 'human' issues associated with corporate risk and security, and a qualitative rather than a quantitative management approach. The Chartered Insurance Institute (CII) has awarded credits for all students holding this MSc.

Programme structure

Core modules: Corporate Risk Management Processes; Insurance; Management of Corporate Security; Principles of Risk Management; Project Risk Management; Risk-taking and Decision-making

Option modules: Business Ethics; Consultancy Skills; Corporate Finance; Credit Scoring and Data Mining; Enterprise, Entrepreneurship and New Business Venturing; Financial Risk Management*; Healthcare Modelling; Problem Structuring; Quantitative and Qualitative Research Methods; Simulation

Plus: Dissertation

*Option available to students whose previous study is sufficiently finance related

Key facts

See Key facts for all taught programmes, page 143, plus:

Duration: 1 year (full-time); 2 years, plus 6 months for dissertation (part-time)

Careers: Varied, including consultancy and business risk management

MSc Digital Marketing

Digital marketing is totally pervasive in marketing today both in terms of online trading and digital communications. Consequently, there are demands for new knowledge and skills by marketing professionals. This MSc is particularly suitable for students who have previously studied marketing at undergraduate level and who wish to develop a deeper understanding of the tools and techniques available to marketers now operating in a multichannel world.

Programme structure

Core modules: Consumer Insight; Data-driven Marketing; Information Systems Strategy; Innovation and Creativity; Digital Marketing Communications; Introduction to Marketing; Key Personal Skills; Strategic Marketing Decisions; Strategic Marketing Intelligence; Web Analytics; Web Applications

Plus: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Specific entry requirements: Degree involving information systems and/or some quantitative study; mathematics not essential

Duration: 1 year (full-time)

Careers: Digital marketing roles in a range of industry sectors, consultancy, web design and general management

MSc Human Resource Management

This MSc will provide you with knowledge of contemporary human resource (HR) management policies and practices within organisations, and how these are changing. It offers a good grounding in the parent disciplines of psychology, sociology and economics, and focuses on operational and strategic issues, as well as current debates and challenges. Case studies enforce the international focus of this programme.

Programme structure

Core modules: Comparative and International People Management; Contemporary Issues and Debates in HRM; Employee Relations; Key Skills for HRM; Organisational Change and Transition; Qualitative and Quantitative Research; Strategic HR Development; Strategic HR Management

Plus: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Duration: 1 year (full-time)

Careers: Employment in HR functions; line management positions; management consultancy

MSc International Banking and Financial Studies

This programme aims to provide a clear understanding of the theory and practice of international banking and finance, and familiarity with the latest techniques in international lending and borrowing, asset and liability management, and risk appraisal. It will develop your existing skills through advanced study, with an international focus and the practical application of financial techniques in a real-world setting.

Programme structure

Core modules: Corporate Finance 1 and 2; Financial Risk Management; International Banking

Option modules: Derivative Securities Analysis; Fixed Income Securities Analysis; International Financial Policy; Introduction to Portfolio Management and Exchange Traded Derivatives; Quantitative Research in Finance; Stock Market Analysis

Plus: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Entry requirements: Degree in finance, economics, mathematics, management science or engineering

Duration: 1 year (full-time)

Funding: Sir Edward Holden Educational Trust bursary for UK students

Careers: Central banks; domestic banks; investment banks; other financial institutions

MSc International Financial Markets

There is an increasing need for employees with knowledge of financial markets and corporate finance. This programme provides up-to-date coverage of the theory, with the emphasis on practical application of knowledge.

Programme structure

Core modules: Corporate Finance 1 and 2; Financial Risk Management; Fixed Income Securities Analysis; Stock Market Analysis

Option modules: Derivative Security Analysis; International Financial Policy; Introduction to Portfolio Management and Exchange Traded Derivatives; Quantitative Research in Finance

Plus: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Duration: 1 year (full-time)

Entry requirements: Degree in finance, economics, mathematics, management science or engineering

Careers: Stock and financial analysts; stockbrokers; financial managers

MSc Knowledge and Information Systems Management (KISM)

This MSc introduces the effective analysis, design, delivery, management and use of knowledge and information systems in organisations and society. The programme provides an excellent basis for a career or research in knowledge and information systems management. It does not provide detailed coverage of technical skills such as programming and software engineering.

Programme structure

Core modules: E-business and Human–Computer Interaction; Information Systems Development; Information Systems Strategy; Introduction to Knowledge and Information Systems Management and Strategy; Knowledge Management and Business Intelligence; Qualitative and Quantitative Research; Problem Structuring; Systems Thinking; Web Applications

Option modules: A range of topics relevant to information systems

Plus: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Entry requirements: Some study in management and/or computer science

Duration: 1 year (full-time); 2 years, plus 6 months for dissertation (part-time)

Careers: Management, particularly related to information systems and technology

MSc Management

This MSc offers broad knowledge and understanding of organisations, how they operate and how they are managed, covering the full range of key management disciplines. Within the taught programme there is an experientially practical component which is held off campus, giving students an opportunity to develop team and leadership skills.

Programme structure

Core modules: Marketing Communications and Media Management; Managing People and Organisations; Managing Resources and Operations; Marketing in the Digital Age; Organisational Effectiveness 1 and 2; Presentation Skills; Quantitative and Qualitative Research; Report Writing Skills; Risk-taking and Decision-making; Strategic Management

Option modules: Corporate Finance; Information Systems (Management and Development); Strategic Marketing Decisions; Systems Thinking

Plus: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Duration: 1 year (full-time)

Careers: Highly varied, often following field of earlier degree or professional background with management responsibilities

MSc Management Sciences and Finance

This programme provides training in the application of management science, particularly in financial organisations, as well as the underpinning concepts and approaches used in financial modelling. It will suit graduates with a numerate but not necessarily highly mathematical background. Option modules are shared with the MSc Operational Research and Finance offered by Mathematics. Most dissertation projects involve either a placement or working closely with a company. Industrial liaison officers work throughout the year finding suitable projects with industry. This MSc is recognised by the ESRC as a specialist masters research programme.

Programme structure

Core modules: Fundamental topics in management science/operational research, such as analytic skills, statistics, simulation and decision theory; as well as the basic expertise required in financial modelling, and an understanding of the problems and techniques used in financial and banking models

Option modules from: A wide range, covering more specialised techniques and further applications in finance

Plus: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Entry requirements: Some quantitative study as part of engineering, sciences, finance or economics; mathematics not essential

Duration: 1 year (full-time)

Funding: A limited number of bursaries are available to provide partial assistance with fees and living expenses. These are open to all suitable qualified full-time UK/EU students on a competitive basis

Careers: Major banks, consultancy firms and finance houses, as well as OR groups in other industries.

MSc Marketing Analytics

In the past decade there has been massive development in technology to help understand the behaviour of consumers and measure the effectiveness of marketing strategies. This programme is designed to provide insight into how data are collected, stored, analysed, disseminated and interpreted to make sound marketing decisions. It takes an applied approach, with much of the training built around industry-standard software to give a strong foundation for careers in marketing decision support or marketing management, skills that are in great demand by employers.

Programme structure

Core modules: Analytic Skills; Consumer Insight; Credit Scoring and Data Mining; Data-driven Marketing; Information Systems Strategy; Introduction to Marketing; Key Personal Skills; Measuring Marketing Effectiveness; Multivariate Statistics for Data Mining; Quantitative Methods; Software for Data Analysis and Modelling; Strategic Marketing Decisions; Strategic Marketing Intelligence

Plus: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Specific entry requirements: Degree involving information systems and/or some quantitative study; mathematics not essential

Duration: 1 year (full-time)

Careers: Marketing analyst roles in a range of industry sectors; consultancy, web design and general management

MSc Marketing Management

This programme is designed for recent graduates who wish to pursue a marketing career, but have not studied marketing or management in depth. It offers detailed understanding of marketing functions, in terms of delivering both corporate and customer value. You will develop interpersonal skills alongside a critical understanding of the competitive environment and the demands this places on organisations. Following the taught part of the programme, your dissertation may be practical or academic.

Programme structure

Core modules: Introduction to Marketing; Accounting and Control; Consumer Insight; Measuring Market Effectiveness; Digital Marketing; Data-driven Marketing; Strategic Management; Strategic Market Intelligence; Strategic Marketing Decisions; Delivering the Value Proposition; Key Personal Skills

Plus: Dissertation

Key facts

See Key facts for all taught programmes, page 143, plus:

Entry requirements: Some quantitative study required

Duration: 1 year (full-time)

Careers: Variety of roles in marketing

MSc Risk Management

Formal treatment of risk and uncertainty and more systematic approaches to risk management are needed in all aspects of management. Individuals with a formal qualification in risk management are highly sought after by employers. The broad scope of this programme recognises the multidisciplinary nature of risk management issues, and covers the transfer and integration of concepts, techniques and best practice. The Chartered Insurance Institute (CII) has awarded credits for all students holding this MSc.

Programme structure

Core modules: Corporate Risk Management Processes; Insurance; Principles of Risk Management; Project Risk Management; Quantitative Methods; Risk-taking and Decision-making

Option modules: Business Ethics; Consultancy Skills; Corporate Finance; Credit Risk Modelling and the Basel Accord; Credit Scoring and Data Mining; Financial Risk Management*; Game Theory; Healthcare Modelling; Management of Corporate Security; Problem Structuring; Qualitative and Quantitative Research; Simulation

Plus: Dissertation

*Options only available to students whose previous study is sufficiently finance related

Key facts

See Key facts for all taught programmes, page 143, plus:

Entry requirements: Degree involving quantitative study as part of engineering, sciences, finance or economics; mathematics not essential

Duration: 1 year (full-time); 2 years plus 6 months for dissertation (part-time)

Careers: Widely varied, including consultancy, insurance and business risk management

We have one of the broadest communities of mathematicians in the UK, spanning pure and applied mathematics, statistics and operational research.

Contact

Postgraduate Administrator:
Tel: +44 (0)23 8059 7385 (research)
+44 (0)23 8059 3818 (MSc)

Email: maths-pgenquiry@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/maths

Professor Jacek Brodzki

Professor Brodzki's interests lie in the interactions between analysis and geometry that bring together geometric group theory, K-theory and coarse geometry. His research also includes the study of networks and the geometric structure of data sets.

Jacek explains: "I am fascinated by problems in noncommutative geometry arising from the Baum-Connes conjecture, which is the focus of intense research with many important applications." Jacek is a member of Southampton's Analytic and Geometric Methods in Group Theory research group, which is supported by the EPSRC, the LMS and the Royal Society and works with mathematicians from Europe, the USA and Australia.

j.brodzki@southampton.ac.uk

Chris Catt

Chris is studying for a Phd in Applied Mathematics.

He says: "My PhD has enabled me to look at a wide range of problems, studying as far afield as Australia and gaining hands-on experience alongside internationally renowned scientists from a variety of disciplines. Southampton's postgraduate programme is highly flexible, allowing you to follow the ideas that interest you, while providing the supervision you need to make the most of your time."

Mathematics

Academic staff: 58, plus 14 Research Fellows

Postgraduate research students: 67

Postgraduate taught students: 98

RAE rating: Percentage of our research judged to be 'world leading' or 'internationally excellent': applied mathematics: 70 per cent; statistics/OR: 65 per cent; pure mathematics: 50 per cent (2008)

Location: Highfield Campus

Internal links: EPSRC Centre for Nanostructured Photonic Metamaterials; Optoelectronics Research Centre (ORC); Biological Sciences; Chemistry; Engineering Sciences; Management; Medicine; Physics & Astronomy; Social Sciences

External links: International links in all research areas, including leading universities and research institutes, industry and medicine (eg pharmaceuticals, government, banking, finance, health and manufacturing)

Resources: One of the largest graduate training portfolios in the UK; a new personal computer on arrival for research students, plus an office shared with a small number of other students in the same general research area; taught students have study rooms with up-to-date computing facilities

Centres: Centre for Operational Research, Management Science and Information Systems (CORMSIS); Southampton Statistical Sciences Research Institute (S3RI); Institute for Complex System Simulation (ICSS); Southampton Initiative in Mathematical Modelling (SIMM); Southampton Centre for Fundamental Science

We have one of the broadest communities of mathematicians in the UK, spanning pure and applied mathematics, statistics and operational research. Our dynamic culture of intellectual enquiry is devoted to the development, understanding and communication of mathematics at the highest international level. We collaborate not only with other mathematicians but also with engineers, scientists, biologists and social scientists.

Research groups

Applied Mathematics

Ranked third in the UK by quality of research outputs in the RAE 2008, we use mathematics to model various aspects of the world we live in. Our work includes:

- Mathematical modelling: Current projects include modelling of solar cells, lithium batteries, tumour growth, lymphatic systems, microfluidic devices for DNA analysis, theoretical and computational neuroscience, engineered cartilage tissue, population ecology and industrial mathematics. These involve active collaboration with researchers and clinicians nationally and internationally
- Mathematical physics: This has particular emphasis on general relativity, cold atom physics and optics. General Relativity is one of the world's leading centres with many international projects. Research ranges from theoretical work on the structure of singularities to numerical relatively, relativistic models of neutron stars, gravitational waves and black hole physics. A substantial theoretical research effort is in superfluidity, Bose Einstein condensates, quantum optics, ultracold strongly interacting fermonic systems, nonequilibrium dynamics cavity optomechanics and nanofabricated metamaterials. Interests also include liquid crystals and nonlinear optics

Staff

Professor Nils Andersson, Dr Leor Barack, Dr Giampaolo D'Alessandro, Professor Carsten Gundlach, Dr Ian Hawke, Dr Chris Howls, Dr D Ian Jones, Dr Carlos Lobo, Dr Ben MacArthur, Professor Colin Please, Dr Giles Richardson, Professor Janne Ruostekoski, Professor Tim Sluckin, Professor James Vickers

Also associated with the group:

Dr Sarp Akcay, Dr Magnus Borgh, Dr Federica Cattani, Dr Sam Dolan, Dr Wynn Ho, Dr Stewart Jenkins, Dr Mark Lee, Dr Chris Marley, Dr A Jason Penner

Operational Research (OR)

Operational Research (OR) is the discipline of applying advanced analytical methods to help make better decisions.

OR in Southampton now ranks second in the UK, based on the 'power' benchmark as calculated from the results of the RAE 2008. In the joint assessment with Statistics, 95 per cent of the research undertaken was deemed of international standard in terms of originality, significance and rigour. We are a committed team of 10 academic staff and a number of research and related staff. Our main research areas are computational optimisation, healthcare modelling, scheduling, stochastic simulation, stochastic optimisation and transport and logistics.

Staff

Dr Athanassios Avramidis, Dr Christine Currie, Professor Jörg Fliege, Dr Navid Izady, Dr Tri-Dung Nguyen, Professor Chris Potts, Dr Hou-duo Qi, Dr Honora Smith, Dr Huifu Xu

Also associated with the group:

Emeritus Professor Russell Cheng

Pure Mathematics

The Pure Mathematics group is a leading centre for geometric and algebraic methods in group theory. Its research is particularly concerned with group actions on spaces in topology, algebra, geometry and discrete mathematics. Our students are supported by world-leading researchers, an active research environment and by regular interaction with our large group of postdoctoral researchers. Members of the group have extensive experience in supervising postgraduate students, with around 15 research students studying for a PhD at any one time. We encourage our students to visit conferences and other leading researchers in their field. Former PhD students have taken academic positions in the UK, Europe and all over the world.

Staff

Dr Jim Anderson, Professor Jacek Brodzki, Dr Tim Burness, Dr Bernhard Koeck, Professor Ian Leary, Dr Armando Martino, Dr Ashot Minasyan, Professor Graham Niblo, Dr Brita Nucinkis, Dr Jim Renshaw, Dr Christopher Voll, Dr Nick Wright

Also associated with the group:

Dr Yago Antolin Pichel, Emeritus Professor Martin Dunwoody, Dr Aditi Kar, Emeritus Professor Ron King, Dr Ruben Sanchez Garcia, Emeritus Professor David Singerman, Dr Alex Stasinski

Statistics

Our research focuses on core statistical methodology and on substantive applications. We collaborate across the University, including with Medicine, Engineering, Social Sciences and Chemistry, and Statistics is part of the Southampton Statistical Sciences Research Institute (S3RI). We were ranked third overall by funding for quality of research in the UK in the RAE 2008.

The outputs of our research have an impact on many areas of industry and government, including pharmaceuticals, medicine, and manufacturing. Our primary research activities span three main areas:

- Design and analysis of experiments: screening methods for complex multifactor systems; design for nonlinear models; industrial experiments; Bayesian design and analysis of experiments; multiple comparisons and simultaneous inference
- Statistical modelling and computation: theory and applications of MCMC methods; Bayesian methods; graphical modelling; methods for handling missing data; applications in actuarial science and spatio-temporal modelling
- Biostatistics: survival analysis; clinical trials and dose-response; major application areas include organ transplantation, nutrition and chronic disease

Staff

Dr Doug Andrews, Dr Stefanie Biedermann, Professor Dankmar Bohning, Professor Jon Forster, Dr Alan Kimber, Professor Steven Gilmour, Dr Gerard Kennedy, Professor Susan Lewis, Professor Wei Liu, Dr Robin Mitra, Dr Kalliopi Mylona, Dr Sujit Sahu, Dr Dave Woods

Also associated with the group:

Dr Sarah Carnaby, Emeritus Professor Phil Prescott

Research programmes

PhD

Postgraduate Administrator
Contact: See main details, page 149
www.southampton.ac.uk/maths_researchdegrees

We have a lively and thriving community of postgraduate students engaged in research across a range of areas and we support them extensively. Supervisors, international experts in their field, provide in-depth training. Students are given a personal computer, a desk in a shared office and a conference attendance allowance.

We offer a number of competitive studentships to cover fees and cost of living. The type of funding depends on the eligibility of the candidate.

We greatly value the training of our students and we offer a wide range of training opportunities. Students have access not only to all the modules available at the University and specialised in-house postgraduate courses but also to three national postgraduate training networks in applied and pure mathematics (MAGIC), operational research (NATCOR) and statistics (APTS).

The end result is that our postgraduate students are highly sought after by other universities, business and industry, NGOs and governments worldwide.

Key facts

Entry requirements: First- or upper second-class BSc honours degree in a relevant subject, or MMath or MPhys (or equivalent)

Duration: 3–4 years (full-time); 4–7 years (part-time)

Assessment: Thesis

Start date: Throughout the year

Intake: 10–15

Applying: University application form with transcripts, two references

Closing date: None, but funding decisions for applicants will be made from mid-March. An open day will be held on Wednesday 1 February 2012

Funding: A variety of studentships, linked also to some teaching assistance duties, subject to completion of relevant contractual details and training (**www.southampton.ac.uk/maths_postgraduate_funding** and **www.southampton.ac.uk/maths_postgraduate_researchdegrees_teaching**)

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Academia (national/international); banking and finance; government agencies; healthcare provision; international research fellowships; multinational companies; NGOs (eg World Health Organization); pharmaceuticals

Taught programmes

MSc/PG Dip Actuarial Science

Postgraduate Administrator
Contact: See main details, page 149

This programme provides an intensive, professional-level, specialist education in actuarial science. By performing sufficiently well in the instructional component (PG Dip), students can gain exemptions from subjects CT1–CT8 of the professional examinations of the Faculty and Institute of Actuaries. Graduates with a number of exemptions may enter employment as actuarial analysts with advanced professional standing. Students who satisfactorily complete the PG Dip may elect to continue to take the MSc by undertaking a three-month supervised programme of actuarial science research and submitting a corresponding dissertation.

Programme structure

Modules: Accounting and Finance for Actuarial Science; Actuarial Mathematics; Economics; Financial Mathematics; Mathematical Finance; Probability and Mathematical Statistics; Statistical Models in Insurance; Stochastic Processes; Survival Models

Plus: Dissertation (MSc only)

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in a quantitative subject (mathematics, statistics, economics, etc)

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Examination, coursework, dissertation

Start date: Late September

Intake: Maximum of 50

Applying: University application form with transcripts, two references

Closing date: None

Funding: Scholarships of £2,000 for students entering with first-class honours degree, or equivalent

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Life, general and health insurance companies, actuarial consulting firms, investment banking and fund management, academia

MSc/PG Dip Operational Research

Postgraduate Administrator
Contact: See main details, page 149

This well-established programme, linked to Management's MSc Business Analytics and Management Sciences, is recognised by the many major organisations that recruit our students because of its strong vocational training. You should be numerate, a good communicator, with strong interpersonal skills, and enjoy problem solving. A three-month industrial placement follows successful completion of the instructional component.

Programme structure

Compulsory modules: Case Studies; Deterministic OR Methods; Presenting Reports; Problem Structuring; Spreadsheet and Database Modelling; Statistical Methods; Stochastic OR Methods; Visual Basic for Applications

Option modules include: Consultancy Skills; Economics; Financial Portfolio Theory; Forecasting; Game Theory; Healthcare; Nonlinear Optimisation; Project Management; Transportation; Trends in IT

Plus: Dissertation (MSc only)

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in a discipline which provides some quantitative training (eg computer science, economics, engineering, mathematics, physics, statistics)

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Examination, coursework, dissertation

Start date: Late September

Intake: 30

Applying: University application form with transcripts, two references

Closing date: None, but studentships may not be available later in the application year

Funding: Partial scholarships/studentships possible; international privately financed students are eligible for a bursary of between £2,000 and £5,000 per annum (paid quarterly for maintenance), with slightly higher payments considered on academic merit. You may be invited to an open day, especially if you are being considered for studentship funding

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Academia; statistics/operational research practitioners (eg in consultancy, defence, government, health, manufacturing, transport)

MSc/PG Dip Operational Research and Finance

Postgraduate Administrator
Contact: See main details, page 149

This programme, linked to Management's MSc Management Sciences and Finance, offers a firm grounding in finance in preparation for a career in financial institutions. You will develop an understanding of how OR, statistical and optimisation techniques are applied to practical problems, and will acquire many key workplace skills. A three-month industrial placement follows successful completion of the instructional component.

Programme structure

Compulsory modules: Corporate Finance; Deterministic OR Methods; Presenting Reports; Spreadsheet and Database Modelling; Statistical Methods; Stochastic OR Methods; Visual Basic for Applications

Option modules: Consultancy Skills; Credit Scoring and Data Mining; Economics for OR/MS; Financial Portfolio Theory; Financial Risk Management; Forecasting; Game Theory in Business; Nonlinear Optimisation; Project Management

Plus: Dissertation (MSc only)

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in a subject involving a significant amount of quantitative work (eg mathematics, statistics, actuarial, OR, management science, economics, computer science, engineering, physics), or relevant work experience

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Examination, coursework, dissertation

Start date: Late September

Intake: 20

Applying: University application form with transcripts, two references

Closing date: None, but studentships may not be available later in the application year

Funding: Partial scholarships/studentships possible; international privately financed students are eligible for a bursary of £2,000 up to £5,000 per annum (paid quarterly for maintenance), with slightly higher payments considered on academic merit. You may be invited to an open day, especially if you are being considered for studentship funding

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Banks and other financial institutions; statistics/OR practitioners (eg in consultancy, defence, government, health, manufacturing, transport), academia

MSc/PG Dip Statistics with Applications in Medicine

Postgraduate Administrator
Contact: See main details, page 149

This advanced programme in applied statistics, provided by statisticians from across the University, and the MRC Epidemiology Resource Centre, provides a broad grounding in advanced statistical methods, with a focus on applications in research, the NHS and the pharmaceutical industry. We have close connections with many pharmaceutical companies and medical research organisations. The programme structure also allows mathematicians with some statistical experience to move into this field.

Programme structure

Modules: Bayesian Methods; Biological Assay; Clinical Trials; Computer-intensive Statistical Methods; Design and Analysis of Experiments; Epidemiological Methods; Generalised Linear Models; Measurement Errors; Medical Statistics Seminars; Modelling Longitudinal Data; Multilevel Modelling; Multivariate Analysis; Research Skills, Strategy and Design; Statistical Computing; Statistical Genetics; Survival Analysis; Univariate Theory and Inference

Plus: Dissertation (MSc only) as a three-month project

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent, including modules in mathematics and statistics

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Examination, coursework, dissertation

Start date: Late September

Intake: 25

Applying: University application form with transcripts, two references

Closing date: None, but studentships may not be available later in the application year

Funding: Approved by GlaxoSmithKline and National Institute for Health Research (NIHR) for MSc studentships; other studentships possible; international students are eligible for a bursary of £1,000 per annum (paid quarterly for maintenance), with higher payments considered on academic merit

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: AstraZeneca; GlaxoSmithKline; MRC research units; Quanticate; PPD; Quintiles; NHS; Office for National Statistics

Medicine at Southampton is one of the UK's leading centres for biomedical research and offers a range of postgraduate opportunities in both basic and clinical science.

Contact

Postgraduate Studies Manager: Kerri Gardiner
Tel: +44 (0)23 8079 6685
Email: medpostgrad@southampton.ac.uk

MSc admissions: See individual programmes

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/medicine
www.southampton.ac.uk/medicine/gradschool

Tim Elliott, Professor of Experimental Oncology, Associate Dean (Research) and Director of Integrated PhD

Professor Tim Elliott is one of the world's leading experts in the field of antigen processing. When our immune system encounters a cancer or cancer vaccine, it faces a choice of thousands of different molecules to recognise but focuses only on one or two, thereby putting all its combative eggs in one basket.

Tim's research will determine how this choice is made. He says: "With this knowledge, it will be possible to gain more control over anti-cancer immune responses by designing new vaccines or by boosting natural immunity."

Matt Loxham

Matt is studying for an Integrated PhD Biomedical Science. He is investigating the effects on the lungs of toxins in the dust found in underground railway tunnels.

He explains: "I chose to study at Southampton as it has a world-renowned reputation for asthma research. Completing the one-year MRes before beginning my doctorate was invaluable. It all fits together really well. If I hadn't done the MRes, I wouldn't have gained all the skills and techniques that you need for scientific research from the outset. It's made me much more proficient and given me a lot of knowledge, especially about the department."

Medicine

Academic staff: 160

Postgraduate research students: 256

Postgraduate taught students: 102

RAE rating: Over 70 per cent of our activity was rated as 'world leading' or 'internationally excellent' in the RAE 2008

Location: Southampton General Hospital

Internal links: Life Sciences Interfaces Forum; Biological Sciences; Chemistry; Electronics & Computer Science (ECS); Mathematics; Southampton Neuroscience Group; Southampton Statistical Sciences Research Institute (S3RI)

External links: Pharmaceutical companies; UK government departments and global institutions; UK National Health Service

Resources: Excellent research facilities for proteomics, genomics, DNA sequencing, microarray and biomedical imaging; Wellcome Trust Clinical Research Facility; modern laboratories, offices and computing equipment; international student advisor and free tuition in English oral, written and communication skills for international students; on-site language workstations in the Health Services Library on the Southampton General Hospital Campus

Centres: Centre for AIDS Research; Centre for Human Development, Stem Cells and Regeneration; Life Sciences Centre; MRC Lifecourse Epidemiology Unit; Southampton Cancer Centre

Spin-out companies: Capsant Neurotechnologies; Genvax; iQur; Karus Therapeutics Ltd; Synairgen

We have a reputation for academic excellence in all aspects of teaching and research, with many of our supervisors leaders in their fields. Our postgraduate programmes are delivered across six multidisciplinary divisions: Cancer Sciences; Clinical Neurosciences; Community Clinical Sciences; Developmental Origins of Health and Disease; Human Genetics; and Infection, Inflammation and Immunity. Our research encompasses the full spectrum, from fundamental discovery science to clinical innovation, and we have a particularly strong reputation for translating new discoveries into a clinical setting.

Research areas

Cancer Sciences

Divisional Administrator: Mrs Rahila Arain
Tel: +44 (0)23 8079 5159
Email: r.t.arain@southampton.ac.uk
www.southampton.ac.uk/medicine/cancer

Cancer research at Southampton covers a broad range of disciplines, from basic cellular and molecular biology to the epidemiology of service provision. We are one of Cancer Research UK's (CRUK) Clinical Centres, and one of the CRUK/Department of Health Experimental Cancer Medicine Centres. We provide a pathway through the four-year integrated PhD programme in the cell biology and immunology of cancer, and support traditional three- and four-year PhD projects. Our research groups are: Antibody and Vaccine-based Treatment of Cancer; Molecular and Cellular Immunology; Molecular Cancer and Genetics; Molecular Mechanisms; and Translational and Clinical Research. Our cross-divisional research themes are: chemical biology and interface science, and immunology.

Staff research profiles and publications can be found at **www.southampton.ac.uk/medicine/cancer/members**

Clinical Neurosciences

Divisional Coordinator: Miss Geraldine Cole
Tel: +44 (0)23 8079 8948
Email: neurosci@southampton.ac.uk
www.southampton.ac.uk/medicine/neurosciences

Our research focuses on understanding the way the nervous system responds to physiological and pathological stimuli. We are part of the Southampton Neuroscience Group, which provides a framework for basic scientists and clinicians from across the University to work to deliver solutions to real clinical problems. Our current research includes: cognitive-behavioural therapy in schizophrenia; genetics of macular degeneration; models of brain injury; brain tumours; neurogenesis in the hippocampus; and neuroinflammation in Alzheimer's disease. Our research groups are: CNS Injury and Neurodegeneration; Cognitive Neuroscience; Epilepsy, Stem Cells and Brain Repair; Hearing Research; Mental Health; Paediatric Neuroscience; and Vision Research. Our cross-divisional research themes are: early human development and stem cells, and those associated with the Southampton Neuroscience Group. The Division has active research collaborations with Electronics & Computer Science (ECS), Chemistry, the Optoelectronic Research Centre (ORC) and the Institute for Sound and Vibration Research (ISVR) at Southampton.

Staff research profiles and publications can be found at **www.southampton.ac.uk/medicine/neurosciences/members**

Community Clinical Sciences

Divisional Administrator: Lisa Sturdy
Tel: +44 (0)23 8024 1050
Email: l.sturdy@southampton.ac.uk
www.southampton.ac.uk/medicine/ccs

The overall aim of our research is to improve the evidence base for the prevention and management of major public health problems. Our work encompasses research in primary medical care, public health, complementary medicine, medical statistics, health economics and occupational medicine. Current research includes: mental health in primary care, especially depression; antibiotic prescribing for common conditions; cultural and psychosocial influences on illness and disability attributed to occupational hazards; behaviour change to reduce vascular risk; complementary medicine; alcohol detection and management in primary care; chronic liver disease epidemiology; offender health; and evaluation of bariatric surgery. Our research groups include: Treatment Decisions; Complementary Medicine; Wessex Alcohol Research Centre (WARC); and Work and Health. We also coordinate a cross-university group on Population Health.

Staff research profiles and publications can be found at **www.southampton.ac.uk/medicine/ccs/members**

Developmental Origins of Health and Disease (DOHaD)

Divisional Administrator: Mrs Bronwen Lord
Tel: +44 (0)23 8079 6282
Email: bronwen@southampton.ac.uk
www.southampton.ac.uk/medicine/dohad

Our research focuses on the influence of interactions between the genome and the environment, in utero and during infancy, on susceptibility to common diseases in adult life. We have brought together researchers with expertise across a range of disciplines, and we have an integrated strategy of clinical, genetic, physiological and epidemiological research. Our research groups are: Bone and Joint; Endocrine and Metabolism; Epidemiology; Human Nutrition; and Maternal Fetal and Neonatal Physiology. Our cross-divisional research themes are: epigenetics; cardiovascular science; early human development and stem cells; and public health.

Staff research profiles and publications can be found at **www.southampton.ac.uk/medicine/dohad/members**

Human Genetics

Divisional Administrator: Mrs Elaine Lovelock
Tel: +44 (0)23 8079 8410
Email: hgenq@southampton.ac.uk
www.southampton.ac.uk/medicine/humangenetics

Our primary mission is to characterise the genetic diversity relevant to normal human development and human disease. We have complementary components of strong basic science and applied clinical research. Our research groups are: Clinical Genetics; Complex Trait Analysis, High Throughput Technology and Bioinformatics; Gene Function and Mechanisms of Disease; Human Development Stem Cells and Regeneration; Monogenic and Chromosome Disorders; and Phenotypic Description, Gene Identification, Genetic Epidemiology and Bioinformatics. Our cross-divisional research themes are: chemical biology and interface science; early human development and stem cells; and medical computational genomics.

Staff research profiles and publications can be found at **www.southampton.ac.uk/medicine/humangenetics/members**

Infection, Inflammation and Immunity

Personal Assistant to Director of Division:
Miss Kirsteen Coombes
Tel: +44 (0)23 8079 4404
Email: k.e.coombes@southampton.ac.uk
www.southampton.ac.uk/medicine/iii

Our focus is on mechanisms of inflammation and tissue repair in the context of a range of diseases caused by environmental agents, including allergens and microbes. We aim to develop improved methods of diagnosis, and interventions which will prevent, ameliorate and/or cure infections, and chronic inflammatory and scarring disorders. Our current research includes: drug allergies; inflammatory skin disease; meningococcal disease; and tissue/immune responses in asthma. Our research groups are: Dermatology; Immunology; Infection; Inflammation and Liver; and Respiratory. Our cross-divisional research themes are genetics and immunology.

Staff research profiles and publications can be found at **www.southampton.ac.uk/medicine/iii/members**

Research programmes

Postgraduate Studies Manager: Ms Kerri Gardiner
Tel: +44 (0)23 8079 6685
Email: medpostgrad@southampton.ac.uk
www.southampton.ac.uk/medicine/pgr

Integrated PhD Biomedical Science

Our four-year Integrated PhD programme reflects some of the major research strengths of the University, and is available in the following three pathways: the Cell Biology and Immunology of Cancer; Immunity and Infection; and Stem Cell Science.

The programme provides broad training in the intellectual and practical basis of scientific research as well as a focused individual research experience. The combination of a choice of laboratory rotations and a three-year project offers an enhanced student experience to better prepare you for a career in scientific research.

You will receive an intermediate award of MRes after successful completion of the first year.

First-year modules include:

– Research Skills for Biomedical Sciences
– Cell Biology
– A specialist module in your pathway discipline
– Three short research projects

Key facts

Entry requirements: Upper second-class honours degree or equivalent (other qualifications may be accepted) (English language: IELTS 7.0 or equivalent for speakers of other languages)

Duration: MRes: 1 year (full-time); MPhil: 2–4 years (full-time); PhD: 2–4 years (full-time)

Assessment: Reports, assignments, presentation (year 1); reports, thesis, viva voce (years 2–4)

Start date: October

Intake: 10–12

Applying: University online application form with transcripts, research proposal

Closing date: Applications welcome in January/February

Funding: MRC; UK-based charities; UK government departments; overseas governments and institutions; studentships available at certain times of year

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Government departments; industrial and commercial organisations, including pharmaceutical companies; postdoctoral/academic positions worldwide

MPhil/PhD

If you are enthusiastic about developing your career in scientific or clinical research, you may wish to consider our MPhil/PhD programme. Full- and part-time study opportunities are available in a wide range of our specialist areas, from biomedicine to research in clinical environments and population-based statistical studies.

You will undertake laboratory-based research at our modern facilities at Southampton General Hospital or community-based projects in a variety of settings. Settings may include general practice, hospitals, community and outpatient clinics and patients' homes.

During your project, you will normally be supervised by a small team of academics who will be experts in your field of study. Your academic work will be supplemented by comprehensive training in research skills, statistics, critical appraisal and laboratory techniques. In addition, you will receive training in transferable skills such as communication, presentation skills and academic writing.

Key facts

Entry requirements: Upper second-class honours degree or equivalent (other qualifications may be accepted) (English language: IELTS 7.0 or equivalent for speakers of other languages)

Duration: MPhil: 1–4 years (full-time), 2–7 years (part-time); PhD: 2–4 years (full-time), 3–7 years (part-time)

Assessment: Reports, thesis, viva voce

Intake: 30–40

Start date: Throughout the year

Applying: University online application form with transcripts, references, research proposal (you are advised to contact a prospective supervisor to discuss your application before completing the form)

Closing date: None

Funding: Research councils, NIHR, UK-based charities; UK government departments; overseas governments and institutions

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Postdoctoral/academic positions worldwide; industrial and commercial organisations; government departments

DM/PhD

If you have a clinical background you may apply for a part-time DM/PhD degree. You must hold a medical qualification which is recognised by the UK General Medical Council (GMC). You will undertake a research project while employed in local hospitals and other institutions. You will receive the same provision as MPhil/PhD students with regard to supervision, training and progress monitoring.

Key facts

Entry requirements: A medical qualification recognised by the GMC; you must be employed in appropriate scientific or clinical work in a hospital or institution associated with Medicine at Southampton (English language: IELTS 7.0 or equivalent for speakers of other languages)

Duration: 2–4 years (part-time)

Assessment: Reports, thesis, viva voce

Intake: 10–20

Start date: Throughout the year

Applying: University online application form with transcripts, references, research proposal (you are advised to contact a prospective supervisor to discuss your application before completing the form)

Closing date: None

Funding: Research councils; NIHR; UK-based charities; UK government departments; overseas governments and institutions

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Clinical research and clinical academic positions in the UK and worldwide; industrial and commercial organisations; government departments

Taught programmes

MSc/PG Dip/PG Cert Allergy

Programme Director: Dr Judith Holloway
Tel: +44 (0)23 8079 6685
Email: allergy@southampton.ac.uk
www.southampton.ac.uk/medicine/allergy

This programme will develop your knowledge and understanding of the mechanisms and management of allergic disease, encompassing immunological basis, diagnostic testing, pharmaceutical preparations, management programmes and research techniques. The modular structure is suited to two to three years' part-time study, and offers a PG Cert (60 credits), PG Dip (120 credits) or full MSc (180 credits).

The course is suitable for: general practitioners, who would be able to set up an allergy clinic within their practice, and practice nurses, who would be able to work within such a clinic; specialist nurses, who would be able to run clinics in primary care or hospitals; specialist registrars and scientists, as preparation for research in allergy; other health professionals, such as dietitians, who are required to manage patients with allergies; and scientists who hope to gain more understanding of both the clinical aspects and basic mechanisms of allergic diseases as a whole, to aid their research programmes.

Programme structure

Our core module, Foundation of Allergic Disease, gives a comprehensive overview of the mechanisms and management of allergic diseases. In addition, we offer a range of optional modules for students to tailor the course to their needs: Food Allergy; Eczema, Urticaria and Anaphylaxis; and Allergic Airways Disease. There are practical sessions, both taught in the modules and available as optional extras. In addition, there is a work-based learning module that allows students to design their own learning experience in allergy to benefit their needs.

The module, Research Skills and Statistics, prepares students for a dissertation (MSc only) via traditional research or a professional project.

Key facts

Entry requirements: Second-class honours degree, or ability to study at HE7 in the form of (i) a relevant professional qualification at a suitable level, (ii) relevant post-qualifying professional experience, or (iii) intercalation on a UK undergraduate medical degree and successful completion of at least three years of the programme (English language: IELTS 7.0 or equivalent for speakers of other languages)

Duration: 1–3 years (part-time); MSc available as a 1-year fast-track

Assessment: All designed to be completed at a distance or as in-course assessment. Assessments include online exams, written and oral communication, including assignments and case histories

Start date: October; however, you may start throughout the year

Intake: 25

Applying: University application form with transcripts

Closing date: None, but early application advised as places are limited

Funding: Some scholarships and bursaries may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: The course will enable you to enhance your knowledge of allergy, enabling you to develop in your role as a health professional (doctor, nurse, dietitian, pharmacist, scientist)

MSc/PG Dip/PG Cert Public Health Nutrition

Programme Director: Dr Penelope Nestel
Tel: +44 (0)23 8079 6685
Email: somphn@southampton.ac.uk
www.southampton.ac.uk/medicine/phn

This MSc is designed to prepare you for professional practice in public health nutrition in the EU or internationally, and is accredited by the Association for Nutrition. All three programmes build on a sound theoretical framework, and apply this to enable you to solve nutrition-related health problems in whatever setting you work. On successful completion of the MSc programme, you will be able to register as an Associate Public Health Nutritionist on the professional register of the Association for Nutrition.

Programme structure

The programme comprises three modules in the first semester and three in the second semester. You would normally be expected to successfully complete the first three modules before progressing to the modules in the second semester. Once you have completed all the taught modules, you will register for a 14-week dissertation (MSc only) via traditional research or via a professional project. Programmes at PG Cert and PG Dip levels are also available or you may register for stand-alone assessed modules. The MSc modules are:

– Assessment of Nutritional Status
– Food Systems
– Research Skills and Statistics
– Nutrition Health Improvement
– Making Nutrition Work (includes a work placement)
– Policy and Programmes

Plus: Research project and dissertation (60 credits)

You may apply for credits for prior learning in relevant topics

Key facts

Entry requirements: Second-class honours degree in nutrition, dietetics or other biomedical or health science; ability to study at HE7 in the form of (i) a relevant professional qualification at a suitable level, (ii) relevant post-qualifying professional experience, or (iii) intercalation on a UK undergraduate medical degree and successful completion of at least three years of the programme. Other qualifications may be considered; prior work experience is desirable but not essential; you must satisfy the Regulations for Admission to Degree Programmes, as specified in Section 4 of the University's General Regulations (English language: IELTS 7.0 or equivalent for speakers of other languages)

Duration: 1 year (full-time); 2–3 years (part-time)

Assessment: Assignments, presentations, dissertation

Start date: October

Intake: 20–25

Applying: University online application form with transcripts

Closing date: 6 weeks prior to programme commencement

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: The course will enable you to practise as a public health nutritionist or pursue a career in research

Modern Languages at Southampton is an internationally recognised centre of research excellence.

Contact

Postgraduate enquiries:
Tel: +44 (0)23 8059 8062
Email: pghums@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/ml

Professor Clare Mar-Molinero

Professor Mar-Molinero specialises in sociolinguistics, in particular of the Spanish-speaking world. Her interests lie in the area of the politics of language and macro issues of language in society.

As Director of the Centre for Mexico–Southampton Collaboration, Clare is leading a project exploring the role of language in 'return' migration, looking at Mexican migrants to the USA returning to Mexico. Her other current research is analysing linguistic superdiversity in Southampton through various projects on multilingualism in the workplace and in local communities. She explains: "We are discovering the rich and complex linguistic mosaic of interactions and relationships in our modern, multicultural city."

f.c.mar-molinero@southampton.ac.uk

Mariko Kitazawa

Mariko Kitazawa is studying language ideology and identity in east Asia from the perspective of global Englishes.

Mariko believes that the most valuable part of Modern Languages at Southampton is its people. "Needless to say, world-famous scholars teach and conduct research here, but we also have a fantastic community of PhD students from all over the world, with a huge range of research interests. Discussion with other PhD colleagues and staff is an integral part of my PhD study. It has widened my perspective and deepened my understanding of the field."

Modern Languages

Academic staff: 40

Postgraduate research students: 64

RAE rating: 2.65 (2008)

Location: Avenue Campus

Internal links: Film Studies; the Parkes Institute for the Study of Jewish/Non Jewish Relations; Education; Institute for Complex Systems Simulation Doctoral Training Centre; ESRC Doctoral Training Centre MeXsu (Centre for Mexico–Southampton collaboration)

External Links: ESRC National Centre for Research Methods; The British Academy; Content and Language Integrated Learning (CLIL); International Association of Applied Linguistics (AILA); Links into Language'; Banco de Santander

Resources: Specialist language-related facilities; advanced generic and subject-specific research training; expert supervision by researchers with an international publication record; vibrant research culture, with several thematic seminar series; excellent research environment; excellent computing and library infrastructure; dedicated postgraduate study areas

Our key underlying research themes are contemporary language, linguistics, culture and society. Our staff are experienced supervisors, engaged in innovative research and postgraduate teaching, and there are excellent opportunities for interdisciplinary research.

Research groups

Centre for Applied Language Research

Director: Professor Rosamond Mitchell
Tel: +44 (0)23 8059 2231
Email: r.f.mitchell@southampton.ac.uk
www.southampton.ac.uk/calr

We promote research and postgraduate teaching in applied linguistics, sociolinguistics, language education policy, and language learning and teaching, and house a range of funded research projects in these fields. Our staff offer research supervision on: world Englishes/English as a lingua franca, and other international languages; language and identity; second language acquisition; language pedagogy in primary, secondary and higher education; English for academic purposes; writing and written language; autonomy/individualisation in language learning.

Centre for Transnational Studies

Director: Professor Ulrike H Meinhof
Tel: +44 (0)23 8059 2255
Email: u.h.meinhof@southampton.ac.uk
www.southampton.ac.uk/ctns

We promote interdisciplinary staff research and postgraduate training in transnational theory and analysis. We believe that national frames of reference provide an inadequate account of historical processes, past and present, and that a central aspect of the transnational traffic of people and ideas is the practice of working across languages. We have an extremely active programme of international visiting speakers and conferences.

Multidisciplinary Research in Modern Languages

Dr Andrea Reiter
Tel: +44 (0)23 8059 2878
Email: air@southampton.ac.uk
www.southampton.ac.uk/ml

We are a diverse group of researchers with multidisciplinary and cross-disciplinary interests.

We have expertise in linguistic theory, second language acquisition, bilingualism and language attrition, sociolinguistics and applied linguistics, with reference to English, French, German, Portuguese and Spanish. In theoretical linguistics, staff study syntax from a Minimalist perspective, as well as the new field of biolinguistics. In second language acquisition, learner corpora are a major focus, and internationally known electronic collections of learner French and learner Spanish are available for study. Applied linguistics research centres on English as a lingua franca and language education.

In the area of textual analysis our focus is on the relation of texts to European cultural contexts and broader global scenarios. Concentrating on the modern period, our main strands of research include: intellectuals and modernity; postmodernism and feminist literary theory; globalisation and hybridity; intertextuality and cultural memory; and the arts of the sciences. Recent projects have been funded by the AHRC and the EU.

We also have an excellent reputation for research in the areas of migration and identity, language and globalisation, language and nationalism, language policy, and aspects of French and Latin American history. Current research projects are funded by the AHRC, the EU and the Ford Foundation. The University is a full partner in the EU 6th Framework project, LINEE (Languages in a Network of European Excellence), undertaking interdisciplinary research into linguistic diversity in Europe.

Research programmes

MPhil/PhD

Key facts

Entry requirements: First- or upper second-class honours degree/MA or equivalent in a relevant subject; other qualifications will be considered

Duration: Up to 4 years (full-time); up to 7 years (part-time); International Distance PhD: up to 7 years (part-time)

Assessment: Thesis (75,000 words maximum), viva voce

Start date: Normally October and February each year

Intake: Variable

Applying: University application with transcripts and research proposal

Closing date: 1 September (but dependent on funding body deadlines); informal enquiries welcome at any time

Funding: AHRC Block Grant; ESRC; University studentships available

Fees: UK/EU (2011/12) full-time £3,732, part-time £1,866; international (2012/13) full-time £12,500

Careers: Research posts or lectureships in literary and cultural studies, transnational studies, applied linguistics, sociolinguistics, language acquisition and/or language teaching

Find out more: **www.southampton.ac.uk/ml/postgrad/research.html**

Integrated PhD Transnational Studies: Society, Language, Culture

This interdisciplinary programme is designed to provide the knowledge and skills required for employment related to international and cross-cultural issues, both in an academic environment and in the private and public sector. It does this by training you in thinking outside the national frameworks that have conditioned much institutional activity, including higher education, in order to equip you for work in an increasingly globalised world.

Programme structure

Year 1
Modules: Problematising the National; Transnational Histories, Politics and Societies; Research Skills I; Cultural Flows; Language, Discourse and Identity; Research Skills II

Year 2
Start work on your PhD thesis
Modules: Problematising Transnational Studies: the Ethics, Ideology and Politics of Transnational Research; Learning a Second Language and Intercultural Communication

Year 3
Continue work on your PhD thesis
Modules: Professional Skills Training

Year 4
You will devote yourself entirely to research, backed by research seminars and supervision

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in a relevant subject; other qualifications will be considered

Duration: Up to 5 years (full-time)

Assessment: Coursework, advanced skills portfolio, thesis (75,000 words maximum), viva voce

Start date: October

Intake: Variable

Applying: University application with transcripts

Closing date: 1 September; informal enquiries welcome at any time

Funding: University studentships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Research posts or lectureships in cultural studies, comparative literature, sociolinguistics, modern languages, history, social sciences and area studies

Find out more: **www.southampton.ac.uk/ctns/ma_mphil_phd/index.html**

Integrated PhD Applied Linguistics/ English Language Teaching

This PhD integrates structured coursework in applied linguistics/English language teaching and research skills training with the production of an original research thesis.

Programme structure

Year 1

Core modules: Description of Language; Quantitative Methods and Statistical Processes; Research and Enquiry in Applied Linguistics 1 and 2; Second Language Learning or Language in Society

Three option modules from: A wide-ranging list of professional and academic modules in applied linguistics and English language teaching

Years 2 to 4: During year 2, you will complete an advanced skills portfolio, comprising a range of research and professional skills development activities; in years 2 to 4, you will also work towards completion of an original research thesis

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in a relevant subject; other qualifications will be considered

Duration: Up to 5 years (full-time)

Assessment: Coursework, advanced skills portfolio, thesis (75,000 words maximum), viva voce

Start date: October

Intake: Variable

Applying: University application with transcripts

Closing date: 1 September; informal enquiries welcome at any time

Funding: University studentships may be available

Fees: UK/EU (2011/12) full-time £3,732, part-time £1,866; international (2012/13) full-time £12,500

Careers: Research posts or lectureships in applied linguistics and/or English language teaching

Find out more: **www.southampton.ac.uk/ml/postgrad/research.html**

Taught programmes

Key facts for all taught programmes unless indicated otherwise

Entry requirements: Upper second-class honours degree in English, linguistics, modern languages or other relevant discipline

Duration: 1 year (full-time); 2 years (part-time)

Start date: October

Applying: University application with transcripts and personal statement

Closing date: 1 September

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

MA Applied Linguistics (Research Methodology)

Convenor: Dr Julia Huettner
Tel: +44 (0)23 8059 9404
Email: j.huettner@southampton.ac.uk
www.southampton.ac.uk/ml/postgrad/ma3075.html

This programme provides thorough training in research methodology for students interested in a career as a researcher or lecturer in applied linguistics, sociolinguistics or language acquisition. It is recognised by the ESRC as the first year of a 1+3 doctoral programme, leading to a PhD award.

Programme structure

Core modules: Description of Language; Quantitative Methods and Statistical Processes; Research and Enquiry in Applied Linguistics 1 and 2; Second Language Learning or Language in Society

Plus three modules from: A list which normally includes: Action Research; Discourse Analysis; Ethnographic Research; Language in Society; Philosophical Issues in Educational Research; Second Language Learning; Small Group/ Classroom Interaction; Statistical Data Analysis

Plus: Dissertation (15,000–20,000 words)

Key facts

See Key facts for all taught programmes, this page, plus:

Funding: ESRC quota award studentships for eligible candidates

MA Applied Linguistics for Language Teaching

Convenor: Dr Alasdair Archibald
Tel: +44 (0)23 8059 2621
Email: aa3@southampton.ac.uk
www.southampton.ac.uk/ml/postgrad/ma3026.html

This MA provides an opportunity for advanced study in applied linguistics/language in education, including an element of research training. You will develop a comparative perspective on language education policy and practice, learn the skills needed to challenge professional practice, and undertake research and innovation in a range of applied language fields.

Programme structure

Core modules: Description of Language; Language in Society or Second Language Learning; Research and Enquiry in Applied Linguistics 1; Research Skills (dissertation)

Four option modules from: Assessment of Language Proficiency; Autonomy and Individualisation in Language Learning; Communicative Language Teaching; Curriculum and Pedagogy for English Language Teaching; Discourse Analysis; English as a World Language; Intercultural Communication; Language for Specific Purposes/Syllabus Design; Language Teacher Education; Writing and Written Language

Plus: Dissertation (15,000–20,000 words)

MA English Language Teaching

Convenor: Dr Alasdair Archibald
Contact: See MA Applied Linguistics for Language Teaching, this page
www.southampton.ac.uk/ml/postgrad/ma3040.html

This programme provides a focused route for English language professionals wishing to develop a deeper understanding of the theory and practice of English language teaching, and gain the skills required to challenge current professional practice and undertake a range of leadership roles.

Programme structure

Core modules: Communicative Language Teaching; Curriculum and Pedagogy for English Language Teaching; Description of Language; Research Skills (dissertation)

Four option modules from: Assessment of Language Proficiency; Autonomy and Individualisation in Language Learning; Discourse Analysis; English as a World Language; Language in Society; Language Teacher Education; Research and Enquiry in Applied Linguistics 1; Second Language Learning; Writing and Written Language

Plus: Dissertation (15,000–20,000 words)

Key facts

See Key facts for all taught programmes, page 163, plus:

Entry requirements: First- or upper second-class honours degree in English, linguistics, modern languages or other relevant discipline, plus minimum 2 years' professional experience

MA English Language Teaching (online)

Convenor: Dr Alasdair Archibald
Contact: See MA Applied Linguistics for Language Teaching, this page
www.southampton.ac.uk/ml/postgrad/ma_elt_online.html

This is a part-time, five-semester programme studied entirely online which has been specially developed by the University of Southampton in collaboration with the British Council in Mexico. It provides you with postgraduate-level study in a number of important areas of current theory and practice in applied linguistics and language teaching, and provides a focused route for English language teaching professionals who wish to develop advanced knowledge and skills in English language curriculum, pedagogy and assessment. It will give you the opportunity to reflect on your professional experience and update your theoretical and pedagogical knowledge in a flexible and well-supported learning environment.

Students who successfully complete the first four modules will be eligible for the PG Cert English Language Teaching (online).

Programme structure

Semester 1: Communicative Approaches to English for Specific Purposes (ESP); Language Analysis for Teaching

Semester 2: Communicative Methodology in English for Specific Purposes (ESP) and E-learning for English Language Teaching

Semester 3:
Core modules: English as a World Language; Discourse Analysis

Semester 4: Second Language Learning and Research Skills, which will prepare you for the dissertation

Students can expect a weekly commitment of 10–12 hours of online study, chatroom seminars and online forums, supported by 10 hours of private study. The course concludes with a 15,000- to 20,000-word dissertation

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent. International students will require IELTS 6.5 or equivalent, or may choose to complete one of the Southampton-based pre-sessional English language courses

Duration: The taught components of the programme are studied over 2 years (4 semesters). The dissertation is written during semester 5

Assessment: Coursework projects, assignments

Start date: 5 October

Applying: University online application

Closing date: 31 August

Fees: UK/EU/international (2011/12) £6,600

MA Transnational Studies

Convenor: Dr Vivienne Orchard
Tel: +44 (0)23 8059 3380
Email: vo1@southampton.ac.uk
www.southampton.ac.uk/ml/postgrad/ma3040.html

At a time when national frameworks are increasingly being called into question by globalisation, this programme analyses the historical, social, cultural and linguistic effects of the traffic across national boundaries of capital, people and ideas, focusing primarily on Spanish-, French-, German- and Portuguese-speaking areas (the Americas and Europe). Our interdisciplinary approach combines specialist teaching from across the humanities and social sciences.

Programme structure

Core modules: Cultural Flows; Language, Discourse and Identity; Problematising the National; Research Skills 1 and 2; Transnational Histories, Politics, Societies

Plus: Dissertation (15,000–20,000 words)

MRes Linguistics

Convenor: Lecturer in Linguistic Studies: Dr Glyn Hicks
Email: glyn.hicks@southampton.ac.uk
www.southampton.ac.uk/ml/postgrad/taught.html

Choosing a pathway in either Language Acquisition or Syntax and Semantics, you will be trained in the most current theories and methods in linguistics and in the practical research skills necessary to continue your studies at doctorate level. You will have the opportunity to select a broad area of linguistic theory in which you wish to develop expertise, and we will guide you through the most relevant literature towards independent study on a topic for your dissertation.

Programme structure

Semester 1 and semester 2:
One core module: New Directions in Syntax and Semantics, or New Directions in Language Acquisition

Semester 2: You will also study Research Skills for Dissertation, and Research and Enquiry in Applied Linguistics

Plus: Dissertation (30,000 words)

Key facts

See Key facts for all taught programmes, page 163, plus:

Contact time (full-time): In a typical week you might expect one hour of lectures, seminars and tutorials, supported by 40 hours of private study

MRes Modern Languages (French/German/ Hispanic and Portuguese Studies)

Convenor: Dr Jackie Clarke
Tel: +44 (0)23 80594543
Email: jrc4@southampton.ac.uk
www.southampton.ac.uk/ml_taughtcourses

Combining taught elements with an emphasis on research and independent study, this programme will suit those wishing to pursue their interest in a specific field for its own sake, those seeking to develop advanced research and analytical skills for career purposes and those who hope to progress to a PhD. You will be introduced to a range of themes and interdisciplinary approaches in semester one before completing a series of assessed tasks intended to prepare you for dissertation research.

Programme structure

Core modules: one as appropriate for your pathway: New Directions in French Studies: Exploring Narrative; Narratives of 1989 (German); Intellectual Debates in the Spanish- and Portuguese-speaking Worlds; Research Skills 1 and 2

Plus: Dissertation (30,000 words)

Southampton is ranked as one of the top two music departments in the UK, with an 'excellent' rating for teaching quality.

Contact

Postgraduate enquiries:
Tel: +44 (0)23 8059 80 62
Email: pghums@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/music

David Owen Norris, Professor of Musical Performance

Professor Norris is a concert pianist and broadcaster. His repertoire discoveries, ranging from gay and lesbian songs of Georgian London to Dickens's opera, enliven BBC Radio 4's *Tales from the Old Bailey* and *iPod* programmes, both in their second series.

His recent television explanations-at-the-piano include Elgar, Parry, Vaughan Williams, Britten, and, for the Six Nations Tournament, the psychology of National Anthems.

Norris says: "I've just acquired an 1828 Broadwood Grand with all the technological bells and whistles of the time. At last we can hear real Beethoven and Mendelssohn pedalling. And it'll help me open up a lost repertoire of Mozart heard from the perspective of the 1820s."

don@southampton.ac.uk
www.davidowennorris.com

Rosie Hanley

Rosie is a MMus (Master of Music) student, whose interests include jazz, cultural policy, audience development and music journalism.

Rosie explains: "The programme at Southampton is very flexible and allows me to conduct research which directly relates to my career choice. Staff are incredibly supportive. As well as the required music modules, I have also taken a geography module for my cultural policy research, which has included fieldwork involving observation and interviewing. This has enabled me to produce original interdisciplinary research which I can use in my professional portfolio. I have also been able to develop my professional work as a music journalist while studying."

Music

Academic staff: 31

Postgraduate research students: 60

RAE rating: 3.25 (2008)

Location: Highfield Campus

Internal links: Humanities disciplines; Institute of Sound and Vibration Research (ISVR); Electronics & Computer Science (ECS); Engineering Sciences; Management; Medicine

External links: BBC Radio 3; Bournemouth Symphony Orchestra; Jazz Services Ltd; The National Theatre; The National Trust; Orchestra of the Age of Enlightenment; York Early Music Festival/National Centre for Early Music

Resources: Purpose-built Turner Sims concert hall; three electronic studios; 16 practice rooms; 7 instrumental teaching rooms; keyboard room; percussion room; outstanding collection of historical and modern instruments; dedicated music computing workstations with internet access, and 24-hour-access music postgraduate room

Our staff expertise is among the broadest in the country, embracing repertoires from medieval to twenty-first century music and covering most major genres: classical, jazz and pop; acoustic, amplified and computer-generated music; music written for performance in subsidised and commercial contexts. As a postgraduate student here, you will be encouraged to take an active role in the University's orchestras, choirs and bands.

Staff

Dr Gregorio Bevilacqua, Dr David Bretherton, Professor Jeanice Brooks, Paul Cox, Joseph Crouch, Keith Davis, Dr Valeria De Lucca, Professor William Drabkin, Professor Mark Everist, Professor Michael Finnissy, Dr Andrew Fisher, Dr Nancy Hadden, Erin Headley, Dr Thomas Irvine, Dr Francesco Izzo, Elizabeth Kenny, Dr Danuta Mirka, Professor David Nicholls, Dr Benjamin Oliver, Professor David Owen, Norris, Ian Peters, Dr Andrew Pinnock, Dr Richard Polfreman, Dr Stephen Rice, Dr Florian Scheding, Matthew Scott, Dr Tilman Skowroneck, Dr Laurie Stras, Dr Wiebke Thormahlen

Research programmes

MPhil/PhD

www.southampton.ac.uk/music/postgrad/postgraduateresearch.html

We offer supervision in composition (classical, jazz, pop), analysis/criticism, historical musicology, music technology and cultural policy. Where appropriate, you may submit recital or other performance work as part of your thesis portfolio.

Key facts

Entry requirements: A very good undergraduate degree and a very good masters degree in music, including substantial research skills training and dissertation

Duration: Up to 4 years (full-time); up to 7 years (part-time)

Assessment: Essays, portfolio, compositions, performances (dependent on pathway)

Start date: Normally, October and February each year

Intake: Variable

Applying: University application with transcripts and research proposal (approximately 1,000 words). You are welcome to contact us to check that we offer supervision in your chosen area, and to send your proposal to the research coordinator for feedback prior to a formal application

Closing date: 1 September (informal enquiries welcome at any time)

Funding: AHRC Block Grant; music scholarships

Fees: UK/EU (2011/12) full-time £3,732, part-time £1,866
international (2012/13) full-time £12,500

Taught/research programmes

MRes Musicology

Research Coordinator: Dr Richard Polfreman
Tel: +44 (0)23 8059 3188
Email: r.polfreman@southampton.ac.uk
www.southampton.ac.uk/music/postgrad/postgraduatecourses.html

The MRes comprises fewer taught modules and requires a more substantial dissertation than the MMus. In general, we recommend that you study for the MMus after your bachelor degree, as this offers a broader platform for future study and work. In exceptional cases, if you have a strong research proposal, the MRes may be appropriate, forming the basis for doctoral research.

Programme structure

Core modules: Analytical Techniques; Critical Practice in Musicology; Research Skills 1

Plus: Dissertation (30,000 words)

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, dissertation

Start date: October

Intake: Variable

Applying: University application with transcripts and research proposal

Closing date: 1 September

Funding: AHRC Block Grant; University studentships may be available

Fees: UK/EU (2011/12) full time £4,500, part-time £2,250; international (2012/13) full-time £12,500

Humanities Interdisciplinary MRes Medieval and Renaissance Studies

Convenor: Professor Ros King
Tel: +44 (0)23 8059 3168
Email: r.king@southampton.ac.uk
www.southampton.ac.uk/cmrc

This MRes is designed for students who already have a clear idea of their research project, and is ideal for students whose research demands support from different disciplines. The core module, Renaissances and Reformations: Generic Skills, is taught by specialist staff from music, literature, history, archaeology and material culture, and may be taken in either semester one or semester two. This module provides a general education in medieval and renaissance studies as well as generic skills training. In addition, you will be required to take a language module, either in Latin or in another language if that is more relevant to your proposed research, as well as a module that will introduce you to palaeography.

Together these modules are designed to enable you to become an effective researcher in the medieval and renaissance periods.

Programme structure

Core modules: Latin or another language relevant to the dissertation; Palaeography; Renaissances and Reformations: Generic Skills

Plus: Dissertation (35,000–40,000 words)

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent; English language: IELTS 7.5/TOEFL 640/computer-based TOEFL 267 for EU and international students

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, portfolio, palaeography and language exercises, dissertation

Start date: October

Intake: Variable

Applying: University application with transcripts and research proposal

Closing date: 1 September

Funding: AHRC Block Grant; University studentships may be available

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

Careers: Arts administration; curating; heritage management; research degrees; teaching

Taught programmes

MMus Music

Research Coordinator: Dr Richard Polfreman
Tel: +44 (0)23 8059 3188
Email: r.polfreman@southampton.ac.uk
www.southampton.ac.uk/music/postgrad/postgraduatecourses.html

This programme offers a comprehensive range of options and three pathways: Musicology (including theory, history and analysis), Composition, and Performance. Each pathway offers skills training, orientation modules and individually taught work.

The MMus is normally a next step after either a BA or BMus in music.

Programme structure

Composition

Core modules: Composition Portfolio

Option module: Three from: Composition Seminar; individually negotiated topics; or modules from other music pathways or another Humanities MA programme

Musicology
Core modules: Analytical Techniques; Critical Practice in Musicology; Research Skills 1 and 2

Two option modules: Either individually negotiated topics or modules from other music pathways or another Humanities MA programme

Plus: Dissertation (15,000–20,000 words)

Performance
Core modules: Elements of Musical Performance; Performance Teaching Seminar; Research Skills 1; Professional Recitals 1 and 2

Option module: Performance teaching seminar, an individually negotiated topic (see MRes Musicology) or another Humanities MA module

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, dissertation

Start date: October

Intake: Variable

Applying: University application with transcripts, plus sample of written work/compositions/recorded performance (depending on pathway)

Closing date: 1 September

Funding: AHRC Block Grant; University studentships may be available

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

MA Eighteenth Century Studies (Chawton)

Reader: Professor Emma Clery
Tel: +44 (0)23 8059 4544
Email: e.j.clery@southampton.ac.uk
www.chawton.org
www.southampton.ac.uk/scecs/postgraduate/masters.html

This programme allows you to specialise in the history and culture of the long eighteenth century, through interdisciplinary study encompassing literature, history, philosophy, and visual and material culture. You will be introduced to concepts and issues central to current research, and will study the unique collection of early women's writing at Chawton House Library.

Programme structure

Core modules: Approaches to the Long Eighteenth Century; Research Skills (in English or history)

Four option modules from: Eighteenth Century Fiction; English Social and Cultural Life in the Long Eighteenth Century; Philosophy and the Art of Tragedy; Placing Poetry; Slavery and Abolition in the Atlantic World; Unknown Jane Austen; Women and Writing the French Revolution; other relevant MA English modules; another Humanities or Winchester School of Art MA module

Plus: Dissertation (15,000–20,000 words)

Please note: Selection of modules depends on availability

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, projects, dissertation

Start date: October

Intake: 25

Applying: University application with transcripts and sample of written work

Closing date: 1 September (later applications will be considered)

Funding: AHRC Block Grant; Humanities studentships may be available

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

Careers: Administration; authorship; journalism; management; publishing; research degrees; teaching

Find out more **www.southampton.ac.uk/english/postgrad/masters.html**

Humanities Interdisciplinary MA Medieval and Renaissance Culture

Convenor: Dr Chris Briggs
Tel: +44 (0)23 8059 9397
Email: c.d.briggs@southampton.ac.uk
www.southampton.ac.uk/cmrc

This innovative MA will equip you to carry out independent research, while providing a broad education in medieval and renaissance culture. You will explore the concepts of 'renaissance' and 'reform' in religion and culture, and will be taught by specialist staff from disciplines including music, literature, history and archaeology. In addition, you will take a course in Latin, familiarising you with the classical and medieval forms of the language, and a core course in palaeography will enable you to read original medieval and renaissance documents in Latin and English. Together these modules are designed to train you in essential research skills for the study of the Middle Ages and the Renaissance.

Programme structure

Core modules: Latin; Palaeography; Renaissances and Reformations

Option module from: A list of modules on antiquity, the Middle Ages and the Renaissance offered in Humanities

Plus: Dissertation (15,000–20,000 words)

Please note: Modules vary from year to year

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent; English language: IELTS 7.5/TOEFL 640/computer-based TOEFL 267 for EU and international students

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, dissertation

Start date: October

Intake: Variable

Applying: University application with transcripts

Closing date: 1 September

Funding: AHRC Block Grant; University studentships may be available

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

Careers: Arts administration; curating; heritage management; research degrees; teaching

National Oceanography Centre Southampton (NOCS)

As a world centre for ocean and Earth science research and teaching, we seek to understand how the ocean fits within the dynamic Earth system, and how past oceanic changes are manifest in the geological record.

Contact

PhD Enquiries:
Tel: +44 (0)23 8059 4785
Email: phdenq@noc.soton.ac.uk

MSc/MRes Enquiries:
Tel: +44 (0)23 8059 6028
Email: mscenq@noc.soton.ac.uk

Please visit our website for the latest information about our research interests and the postgraduate programmes available

www.southampton.ac.uk/oes

Staff publications are listed at **www.southampton.ac.uk/oes/about/staff.page**
Staff listings include both University of Southampton and NERC staff at NOCS

Professor Alberto Naveira Garabato, Chair in Physical Oceanography

Professor Naveira Garabato is conducting research in ocean circulation dynamics and climate change.

The DIMES experiment is examining how turbulence in the Southern Ocean regulates the rate at which the ocean overturns. Alberto explains: "Climate models tell us that key aspects of Earth's climate, such as how CO_2 is partitioned between the atmosphere and the ocean, are regulated by turbulent flows in the Southern Ocean. By conducting the first extensive measurements of those flows, we will be able to test and redefine the ways in which ocean turbulence is represented in climate models, helping us to understand the ocean's role in shaping climate change."

a.c.naveira-garabato@southampton.ac.uk

Leigh Marsh

Leigh completed the MOcean degree in 2005 and returned to study for a PhD in deep-sea chemosynthetic environments in 2009.

Leigh's PhD is enabling her to study an aspect of marine science that she finds totally captivating. "Since graduating I have been employed in the marine environmental sector by both government agencies and commercial companies, which I am sure would not have been within in my reach without a degree from Southampton. Having worked for four years in industry, I always hoped that I would return to NOCS to pursue a PhD. My undergraduate research projects were based on deep-sea ecology, and when the opportunity arose to research these unique environments further, I didn't think twice."

National Oceanography Centre Southampton (NOCS)

Academic staff: 60

Postgraduate research students: 150

Postgraduate taught students: 75

RAE rating: Highest ranked among institutions with a strong focus on marine science, with 70 per cent of our research ranked as 'world leading' or 'internationally excellent'

Location: National Oceanography Centre Southampton (NOCS), Waterfront Campus

Internal links: Biological Sciences; Chemistry; Civil Engineering & the Environment; Engineering Sciences; Geography; Physics & Astronomy

External links: Bermuda Institution of Ocean Sciences; exchange schemes with Woods Hole Oceanographic Institution and through the Worldwide Universities Network (WUN) (eg Scripps Institution of Oceanography, University of Washington); University of North Carolina, Wilmington; NERC; University of Bordeaux-1; University of the Basque Countries

Resources: 150 laboratories, including clean labs and trace metal sampling/analysis capabilities, a scanning electron microscope laboratory, a stable isotope ratio mass spectrometry laboratory, geochemical laboratories and a palaeomagnetic laboratory; 200 metres of dockside, providing berths for two major research vessels, a dedicated 19.75 metre-long teaching vessel and a Ribtech 700 rigid inflatable; substantial modern instrumentation, including computing and analytical equipment, geophysical computing and high-resolution survey equipment, and a geoacoustics Chirp sub-bottom profiling system; aquarium; the Marine Information and Advisory Service; the National Oceanographic Library; UK Ocean Research Services; NERC National Maritime Equipment Pool; NERC Research Ship Unit; the British Ocean Sediment Core Research Facility

Find out more: www.southampton.ac.uk/oes

The National Oceanography Centre Southampton (NOCS) attracts prominent research scientists and educators from around the world. Direct access to ships and ocean technology, combined with a strong research emphasis, provide many opportunities for fieldwork and scientific cruises not traditionally found in university environments.

Research areas

Coastal and Shelf Research

The coastal zone and adjacent continental shelf represent the most diverse physical environment, and initiatives in coastal zone management are of global importance due to the rapid destruction and degradation of these areas. Our research deals with key coastal issues around the world. Researchers have close links with government organisations, NGOs, coastal managers, engineers and UK industry.

Examples of current and recent projects include: research into the mechanisms of sediment transport and behaviour for cohesive and non-cohesive sediments in the coastal zone; investigations into the structure and nature of benthic boundary layers under coastal waves and currents, and the transfer of energy and matter through this boundary; and research into the range of issues at the interface between civil engineering and the coastal environment.

Staff

Professor Carl Amos, Dr Ken Collins, Dr Justin Dix, Dr Charlotte Thompson

Geochemistry

Geochemistry can reveal important information about the processes that shape our planet, and we continually extend our studies into new areas. Key areas of activity include: the chemical and physical characteristics of mid-ocean-ridge basalts; high- and low-temperature aspects of the zone of interaction between the inner and outer layers of the Earth; the collisional and extensional tectonic settings linked to the generation of economic resources; and environmental concerns regarding toxic metals, based on an understanding of the sources and sinks of metals.

Staff

Dr Douglas Connelly, Professor Ian Croudace, Dr Matt Cooper, Dr Gavin Foster, Professor Rachel Mills, Dr Andy Milton, Dr Bramley Murton, Professor Martin Palmer, Dr Steve Roberts, Dr Peter Talling, Dr Rex Taylor, Professor Damon Teagle, Dr Clive Trueman, Dr Phil Warwick

Marine Ecosystems

Ecosystems research involves all aspects of ecology, from shallow coastal lagoons to the deep-sea plains and hydrothermal vents, from the tropics to the poles. We have very active field research with most underpinned by molecular techniques.

Our coastal researchers study animals and plants from coastal lagoons to seas 30–40m deep. In shallow coastal waters, we investigate the ecophysiology and immunology of marine animals. Moving into deeper water, our ecophysiological research examines physiological and biochemical adaptations of nematodes. A major theme of the Marine Ecology group is deep-sea ecology, including the taxonomy of a variety of groups including the foraminifera, amphipods and the echinoderms.

See Ocean Biogeochemistry for list of staff

Marine Geology and Geophysics

The inaccessibility of 70 per cent of the Earth's surface beneath the sea means that marine geologists and geophysicists rely on remote-sensing techniques, as well as in situ sampling, using coring and dredging. We use various methods and principles of physics to understand Earth processes, including observations to constrain physical modelling, palaeomagnetic methods, seismic and electromagnetic studies, and sidescan sonar and swath bathymetry.

Staff

Dr Angus Best, Professor Jon Bull, Dr Simon Dean, Dr Tom Gernon, Dr Nicholas Harmon, Dr Veerle Huvenne, Dr Tim Henstock, Dr Rachael James, Dr Doug Masson, Dr Lisa McNeill, Professor Tim Minshull, Professor Martin Sinha, Professor Ian Wright, Dr Russell Wynn

Ocean Biogeochemistry

While the oceans dominate the hydrological cycle on our planet, and act as a major reservoir for organisms and elements, many aspects of how this part of the global system works are still poorly understood.

Using interdisciplinary approaches, our research focuses on the linked physical, chemical and biological processes that drive the major elemental cycles (C, N, P) in the ocean, and how these relate to climate change, anthropogenic pressures and ecosystem responses.

Staff

Professor Eric Achterberg, Dr John Allen, Dr Brian Bett, Dr David Billet, Dr Tom Bibby, Dr Ken Collins, Dr Jon Copley, Dr Andrew Gates, Dr Martha Gledhill, Professor Andrew Gooday, Dr Chris Hauton, Dr Lawrence Hawkins, Dr Stephanie Henson, Dr Tammy Horton, Dr David Hydes, Dr Antony Jensen, Dr Daniel Jones, Dr Boris Kelly-Gerreyn Dr Debora Iglesias-Rodriguez, Professor Richard Lampitt, Dr Cathy Lucas, Dr Adrian Martin, Dr Mark Moore, Dr Alex Poulton, Dr Duncan Purdie, Dr Henry Rohl, Dr Richard Sanders, Dr Martin Sheader, Dr Denise Smythe-Wright, Dr Martin Solan, Professor Peter Statham, Dr Sven Thatje, Professor Paul Tyler, Dr Toby Tyrrell, Dr Joerg Wiedenmann, Dr John Williams, Dr Mike Zubkov

Ocean Technology and Sensors

Research in this area centres on the development and application of innovative instruments, sensors, vehicles and systems for the measurement and management of the oceans. Our challenges are enormous, ensuring the accuracy of sensors and instruments immersed in some of the ocean's most hostile conditions. NOCS is uniquely positioned for this multidisciplinary research and draws together researchers from across the University, as well as its own Science and Technology divisions.

Staff

Professor Gwyn Griffiths, Dr Matt Mowlem

Palaeoceanography and Palaeoclimate

Understanding the timing and causes of past ocean/climate variability enables scientists to interpret recent trends in climate, to discriminate between natural climate variability and variations due to human impacts, and to predict future change. Our research is global and includes ongoing projects in all ocean basins. We are heavily involved in two major international palaeoceanographic coring programmes the Integrated Ocean Drilling Program (IODP) and the International Marine Past Global Changes Study (IMAGES) and in editing the frontline journal in our field, *Palaeoceanography*.

Staff

Dr Samantha Gibbs, Dr Ian Harding, Professor Alan Kemp, Professor John Marshall, Professor Heiko Palike, Professor Eelco Rohling, Professor Paul Wilson

Physical Oceanography

We seek to understand, quantify and predict the physical character of the ocean, and the dynamic processes that control its circulation and mixing. Participating in a wide variety of oceanographic cruises, we use shipboard instruments, moorings, floats and autonomous underwater vehicles to make in situ measurements of key ocean processes. Of further vital importance are measurements that help us to accurately estimate air–sea exchanges of heat, momentum and gases throughout the World Ocean. Building on our expertise in ocean remote sensing, and with strong links to space agencies, we are exploring patterns of change and variability in satellite measurements of surface temperature, sea level and productivity. Aligned with this suite of observations, we develop and use a wide range of ocean and climate models to test new hypotheses, to predict climate change, and to explore the role of the ocean in the wider Earth system.

Staff

Dr Tom Anderson, Dr Sheldon Bacon, Professor Harry Bryden, Mr Peter Challenor, Dr Paolo Cipollini, Dr Stuart Cunningham, Dr Eleanor Frajka-Williams, Dr Jeremy Grist, Dr Christine Gommenginger, Dr Joel Hirschi, Dr Penny Holliday, Dr Elizabeth Kent, Dr Brian King, Dr Robert Marsh, Dr Elaine McDonagh, Professor Alberto Naveira Garabato, Dr Adrian New, Dr Kevin Oliver, Dr Ekaterina Popova, Dr Graham Quartly, Professor Ian Robinson, Professor John Shepherd, Professor Meric Srokosz, Dr David Smeed, Professor Mikis Tsimplis, Dr Neil Wells, Dr Margaret Yelland, Dr Andrew Yool

Research programmes

PhD

Admissions Tutor: Professor D Teagle
Tel: +44 (0)23 8059 2723
Email: dat@noc.soton.ac.uk
General admissions enquiries (Postgraduate Research)
See main details, page 170
www.southampton.ac.uk/oes

Key facts

Entry requirements: First- or upper second-class BSc honours degree or equivalent in a related discipline (eg biological sciences (including marine biology), chemistry, engineering, environmental sciences, geography, geology, geophysics, mathematics, natural sciences, oceanography, physics)

Duration: 3 years (full-time); up to 6 years (part-time)

Assessment: Thesis, viva voce

Start date: October

Intake: 35

Applying: University application form with transcripts, references

Closing date: February for most NERC- or NOCS-funded studentships. Shortlisted applicants will be interviewed in February/March; later applications will be accepted for some projects with other funding. If you have your own scholarship, you will be considered at any time of year

Funding: EPSRC; NERC; NOCS studentships for UK/EU students (highly competitive); further funding from grants and industry for UK/EU residents; Dorothy Hodgkin Postgraduate Awards for international applicants and up to 5 international student scholarships awarded by the graduate school. For application deadlines:
www.southampton.ac.uk/pgfeesandfunding

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Postdoctoral research and academic careers worldwide; scientific officers and advisory positions in government agencies worldwide; national research centres; research and exploration in the oil and gas and mineral mining sectors worldwide; environmental consultancy

Integrated PhD Ocean and Earth Science

Admissions Tutor: Professor D Teagle
Contact: See PhD, page 173
General admissions enquiries (Postgraduate Research)
See main details, page 170
www.southampton.ac.uk/oes

This programme offers a flexible pathway, allowing for exit at both masters and MPhil levels, according to individual needs and performance. It includes a wide choice of formal instruction and an extensive range of specialist research topics. There is an ordered progression from an initial emphasis on instructional modules towards full-time research, supported by high-quality supervision and research group interaction. Modules taken during your first year of study can be drawn from any of the current MSc pathways. Key skills and project-based skills modules are available in year two.

Key facts

Entry requirements: First- or upper second-class BSc honours degree or equivalent in a related discipline (eg biological sciences (including marine biology), chemistry, engineering, environmental sciences, geography, geology, geophysics, mathematics, natural sciences, oceanography, physics)

Duration: 4 years (full-time)

Assessment: Examination, coursework, assignments, dissertation, project presentation, thesis, viva voce

Start date: October

Intake: 2–3

Applying: University application form with transcripts, references

Closing date: 31 July

Funding: Normally sourced by applicants

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Postdoctoral research and academic careers worldwide; scientific officer and advisory positions in government agencies worldwide; national research centres; research and exploration in the oil and gas and mineral mining sectors worldwide; environmental consultancy

Taught/research programmes

MRes Marine Geology and Geophysics

Contact:
Tel: +44 (0)23 8059 6028
Email: mscenq@noc.soton.ac.uk
www.southampton.ac.uk/oes

As a graduate scientist or engineer, you will gain broad knowledge of marine geological and geophysical techniques, and more specific advanced training in marine geophysical exploration techniques, mathematical modelling, geodynamics, coastal processes, micropalaeontology or palaeoceanographic expertise. You will develop key skills in marine geophysical and geological data processing and analysis, and gain hands-on research experience through an advanced project with leading international researchers. The MRes differs from the MSc by focusing less on taught modules and more on the research project (about two-thirds of the year). There is also an opportunity to take a pathway in Micropalaeontology.

Programme structure

Semester 1

Core modules: Contemporary Topics; Introduction to Marine Geology

Plus one from: Introduction to Chemical Oceanography; Introduction to Physical Oceanography

Option modules: Applied and Marine Geophysics; Basin Analysis; Coastal Sediment Dynamics; Computational Data Analysis for Geophysicists and Ocean Scientists; Geodynamics and Solid Earth Geophysics; Microfossils, Environments and Time

Semester 2

Option modules: Applied Coastal Sediment Dynamics; Ecological Modelling; Global Climate Cycles; High-resolution Marine Geophysics

Plus: Research project

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in physical or environmental sciences, mathematics or engineering

Duration: 1 year (full-time); up to 5 years (part-time)

Assessment: Examination, coursework assignments, project presentation, dissertation

Start date: October

Intake: 10

Applying: University application form with transcripts, reference and CV

Closing date: 31 July

Funding: Most projects are tied to ongoing research and might involve opportunities for extra travel and use of additional research grants; some partially and some fully funded studentships are available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Industry; PhD studentships in the UK and abroad

MRes Ocean Science

Contact: See MRes Marine Geology and Geophysics, page 174

On this programme you will focus on a particular area of oceanography, which may be influenced by the subject area of your first degree. You will develop specific knowledge and skills in areas determined by the modules you select and the nature of the research project you undertake. The MRes is a research-led programme that differs from the MSc by focusing less on taught modules and more on the research project (about two-thirds of the year).

Programme structure

Semester 1

Core modules: Contemporary Topics

Plus one module from: Introduction to Biological Oceanography; Introduction to Chemical Oceanography; Introduction to Marine Geology; Introduction to Physical Oceanography

Option module from: Biogeochemical Cycles in the Earth System; Coastal Sediment Dynamics; Computational Data Analysis for Geophysicist and Ocean Scientists; Deep-sea Ecology; International Maritime and Environmental Law; Introductory Remote Sensing of the Oceans; Large-scale Ocean Processes; Zooplankton Ecology and Processes

Semester 2

Option module from: Applied Biogeochemistry and Pollution; Applied Coastal Sediment Dynamics; Climate Dynamics; Ecological Modelling; Environmental Radioactivity and Radiochemistry; Global Climate Cycles; Global Ocean Monitoring; Reproduction in Marine Invertebrates; Sea Floor Exploration and Surveying 2; Structure and Dynamics of Marine Communities; UN Convention on the Law of the Sea

Plus: Research project

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in any scientific discipline; minimum AS level mathematics or equivalent

Duration: 1 year (full-time); up to 5 years (part-time)

Assessment: Examinations, coursework assignments, dissertation

Start date: October

Intake: 15

Applying: University application form with transcripts, 2 references and CV

Closing date: 31 July (30 June for funding applications)

Funding: Some partially funded studentships available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Environmental consultancy; government agencies; some students continue to PhD study

Taught programmes

MSc Engineering in the Coastal Environment

Contact: MRes Marine Geology and Geophysics, page 174

There is a growing need for coastal engineers, in industry, government and research, with a broad understanding of environmental, engineering and oceanographic issues. These include rapidly growing populations and economies, and threats like sea-level rise and climate change. The programme has strong links with industry and local authorities responsible for coastal engineering and management.

Programme structure

Introductory modules: Introduction to Civil Engineering (for non-engineers); Introduction to Marine Geology (for engineers)

Core modules: Coastal and Flood Defence; Coastal Morphodynamics; Coastal Sediment Dynamics; GIS; Key Skills and Applied Coastal Oceanography; Maritime and Coastal Engineering

Option module: Applied Coastal Sediment Dynamics; Environmental Audit and Risk Assessment

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in civil engineering, environmental or physical sciences, geography, geology or oceanography; applicants without an appropriate academic background, who can demonstrate experience in an appropriate field of work and a high degree of numeracy, will be considered

Duration: 1 year (full-time), 2-5 years (part-time)

Assessment: Examination, coursework assignments, dissertation

Start date: October

Intake: 20

Applying: University application form with transcripts, references and CV

Closing date: 31 July (30 June for funding applications)

Funding: Contact us for further details

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Earth observation, Earth science and marine sectors; environmental consultancy; government agencies; research

MSc Marine Environment and Resources

Contact: See MRes Marine Geology and Geophysics, page 174

This 18- to 24-month taught programme is a multiple European postgraduate degree, with the University of the Basque Country (UPV-EHU) and the University of Bordeaux-1 (with the AZTI Foundation and the Oceanographic Foundation of Guipúzcoa, Bilbao, Spain). You will spend at least one semester each in Southampton, Bilbao and Bordeaux, and study in English. This experience of mobility, along with the emphasis on environment and resources within the programme, will empower you in the pan-European job and research market.

Programme structure

Semester 1 delivered by the University of Southampton or the University of Bordeaux-1

Modules offered at Southampton

Core modules: Contemporary Topics; Introduction to Biological Oceanography; Introduction to Chemical Oceanography; Introduction to Marine Geology; Introduction to Physical Oceanography

Option module from: Applied and Marine Geophysics; Biogeochemical Cycles in the Earth System; Geodynamics and Solid Earth Geophysics; International Maritime and Environment Law; Introductory Remote Sensing of the Oceans; Large-scale Ocean Processes

Semester 2 delivered by the University of the Basque Country

Semester 3 delivered by the University of Southampton or the University of Bordeaux-1

Modules offered at Southampton

Four option modules from: Biological and Chemical Aspects of Environmental Pollution; Deep-sea Ecology; Freshwater Ecosystems; Hydrology and Water Resources; Maritime and Coastal Engineering; Zooplankton Ecology and Processes; any option not taken in the first semester

Specialisation in: Biodiversity and Preservation of the Marine Environment and its Resources; Design of Sampling Schemes and Data Analysis in Research Projects; Ecotoxicology; Integrated Assessment of the Quality of the Marine Environment; Sustainable Management of Marine Living Resources; Sustainable Management of Marine Non-living Resources

Key facts

Entry requirements: Second-class honours degree or equivalent; 210 ECTS

Duration: 18–24 months (full-time)

Assessment: Examinations, coursework assignments, dissertation

Start date: October

Intake: 15

Applying: University application form with transcripts, references and CV

Closing date: 31 July

Funding: **www.southampton.ac.uk/oes**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Earth observation, Earth science and marine sectors; environmental consultancy; government agencies; research

MSc Marine Resource Management

Contact: See MRes Marine Geology and Geophysics, page 174

This MSc introduces first-degree students with science or engineering backgrounds to basic concepts in marine science, which are then augmented by an understanding and application of resource management issues. Close relationships with stakeholders and employers ensure that you will be exposed to employment opportunities and career progression from the outset.

Programme structure

Semester 1

Core modules: Contemporary Topics; Environment Audit and Risk Assessment; Key Skills and Literature Review

Plus two modules (depending on background knowledge) from: Introduction to Biological Oceanography; Introduction to Chemical Oceanography; Introduction to Marine Geology; Introduction to Physical Oceanography

Option module from: Applied and Marine Geophysics; Biogeochemical Cycles in the Earth System; Coastal Sediment Dynamics; Contemporary Global Environmental Issues; Deep-sea Ecology; International Maritime and Environmental Law; Introduction to Remote Sensing; Large-scale Ocean Processes; Zooplankton Ecology and Processes

Semester 2

Three option modules from: Applied Biogeochemistry and Pollution; Applied Coastal Sediment Dynamics; Ecological Modelling; Environmental Radioactivity and Radiochemistry; Global Ocean Monitoring; Structure and Dynamics of Marine Communities; UN Convention on the Law of the Sea

Key facts

Entry requirements: Second-class BSc honours degree or equivalent in an appropriate discipline (biology, chemistry, Earth and environmental sciences, engineering, mathematics, oceanography, physics); a solid background in mathematics at undergraduate level; familiarity with computers

Duration: 1 year (full-time)

Assessment: Examinations, coursework assignments, dissertation

Start date: October

Intake: 10

Applying: University application form with transcripts, references and CV

Closing date: 31 July (30 June for funding applications)

Funding: **www.southampton.ac.uk/oes**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Earth observation; environmental consultancy; government agencies; PhD study; research

MSc Marine Science, Policy and Law

Contact: See MRes Marine Geology and Geophysics, page 174

This programme will provide you with specialised training in the skills required for the development of international science-based policy in areas related to the protection and management of the marine environment – areas in which there is a recognised shortage of graduates. You will acquire broad knowledge of multidisciplinary science and international law, and develop key skills in evidence-based policy-making.

Programme structure

Semester 1

Core modules: Contemporary Topics; International Maritime and Environmental Law; Introduction to Marine Geology; Key Skills and Literature Review

Plus one from: Introduction to Biological Oceanography; Introduction to Chemical Oceanography; Introduction to Physical Oceanography

Option module from: Applied and Marine Geophysics; Biogeochemical Cycles in the Earth System; Coastal Sediment Dynamics; Deep-sea Ecology; Introduction to Remote Sensing of the Oceans; Large-scale Ocean Processes; Zooplankton Ecology and Processes

Semester 2

Core module: UN Convention on the Law of the Sea

Two option modules from: Applied Biogeochemistry and Pollution; Applied Coastal Sediment Dynamics; Climate Dynamics; Global Climate Cycles; Sea Floor Exploration and Surveying 2; Structure and Dynamics of Marine Communities

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: 1 year (full-time)

Assessment: Examinations, coursework assignments, dissertation

Start date: October

Intake: 10

Applying: University application form with transcripts, reference and CV

Closing date: 31 July (30 June for funding applications)

Funding: **www.southampton.ac.uk/oes**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Environmental consultancies; industry; international government agencies; public sector

MSc Oceanography

Contact: See MRes Marine Geology and Geophysics, page 174

This programme combines formal instruction with a period of individual research. During the first semester you will complete a series of basic introductory modules. One week is dedicated to boat-based practicals in local waters, to introduce measurement and analysis techniques in the marine sciences. You may opt to maintain a multidisciplinary structure to your studies or choose a specialised pathway in: Marine Biogeochemistry; Marine Biology/Ecology; Marine Geophysics; Ocean Remote Sensing; or Physical Oceanography and Climate.

Programme structure

Semester 1

Core introductory modules: Biological Oceanography; Chemical Oceanography; Marine Geology; Physical Oceanography

Plus: Key Skills and Literature Review

Two option modules from: Applied and Marine Geophysics; Biogeochemical Cycles in the Earth System; Coastal Sediment Dynamics; Computational Data Analysis for Geophysicists and Ocean Scientists; Deep-sea Ecology; Geodynamics and Solid Earth Geophysics; International Maritime and Environmental Law; Introducing Remote Sensing of the Oceans; Large-scale Ocean Processes; Microfossils, Environment and Time; Zooplankton Ecology and Processes

Semester 2

Three option modules from: Applied Biogeochemistry and Pollution; Applied Coastal Sediment Dynamics; Climate Dynamics; Ecological Modelling; Environmental Radioactivity and Radiochemistry; Global Climate Cycles; Global Ocean Monitoring; Reproduction in Marine Invertebrates; Sea Floor Exploration and Surveying 2; Structure and Dynamics of Marine Communities; UN Convention on the Law of the Sea

Key facts

Entry requirements: Second-class honours degree or equivalent in any scientific discipline; minimum AS level mathematics or equivalent

Duration: 1 year (full-time)

Assessment: Examinations, coursework assignments, dissertation

Start date: October

Intake: 40

Applying: University application form with transcripts, references and CV

Closing date: 31 July (30 June for funding applications)

Funding: **www.southampton.ac.uk/oes**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Earth observation, Earth science and marine sectors; environmental consultancy; government agencies; research; PhD study

The Optoelectronics Research Centre (ORC) is one of the world's leading research institutes in photonics and laser technology. Led by Professor David Payne, its roots date to the birth of lasers and optical communications, nearly 50 years ago.

Contact

Admissions Tutor: Dr Periklis Petropoulos
Email: admissions@orc.southampton.ac.uk

Please visit our website for the latest information about our research interests and the postgraduate programmes available

www.southampton.ac.uk/orc
www.orc.southampton.ac.uk/phdprogram.html

A full list of staff publications is available at **www.southampton.ac.uk/orc**

Professor David Payne, Director of the ORC

Professor David Payne's main research interests are in optical fibres and high-power fibre lasers.

David and his team pioneered the low loss optical fibres and amplifiers that form the backbone of the internet. His research also led to the birth of the fibre laser, which has multiple applications worldwide, ranging from cutting steel, making cars and date-stamping fruit to clearing landmines.

With funding from the EPSRC, David is currently leading the Transforming the Internet Infrastructure – The Photonics HyperHighway programme, which aims to make broadband 100 times faster. David comments: "Our ambition is nothing less than to rebuild the internet hardware to suit the needs of 21st century Britain."

Kate Sloyan

Kate is studying for a PhD in the ORC's Pulsed Laser Deposition Group and is President of the Optical Society of America Student Chapter Committee.

Kate became interested in photonics during her first degree: "It's so versatile – you can focus on fundamental aspects of the way light works, or use lasers and optics to engineer solutions to everyday problems. I enjoy my work and make full use of the great facilities on offer here. My supervisors encourage me to think things through for myself but are also very helpful and supportive."

Optoelectronics Research Centre

Academic staff: 25

Postgraduate research students: 70

Location: Highfield Campus

Internal links: Biological Sciences; Chemistry; Electronics & Computer Science (ECS); Mathematics; Medicine; Physics & Astronomy

External links: Numerous national and international links with industry, research laboratories and academic institutions

Resources: Brand new state-of-the-art building containing unrivalled facilities including: purpose-built photonics laboratories; optical fibre fabrication and characterisation facilities; clean rooms for planar and integrated optics, biophotonics and nanophotonics; and a suite of ultrafast laser facilities

Spin-out companies: ChG Southampton Ltd; Covesion Ltd; SPI Lasers plc; Stratophase Ltd

The ORC has contributed greatly to the remarkable growth of photonics, including the optical telecommunication technology that underpins the internet. Our mission is to blend focused, applications-led research with fundamental studies on the generation, transmission and control of light.

On the basis of its publications, the ORC is ranked among the top five university groups worldwide in the field of electronics and electrical engineering. Our staff publish over 100 publications in major journals and give more than 20 invited presentations at major laser and photonics conferences annually. The EPSRC Centre for Innovative Manufacturing in Photonics, based at the ORC, works with industry to develop the next generation of fibre materials and technology platforms, training a new generation of engineers and fuelling growth in photonics-related manufacturing. We also lead two EPSRC programme grants: Nanostructured Photonic Metamaterials and Transforming the Internet Infrastructure – The Photonics HyperHighway.

Research areas

Biophotonic Microsystems

Some of the most exciting emerging technologies involve the interaction of light at the smallest levels. We are researching new techniques, tools and applications of photonics for biologists to create a new wave of medical advancement. Within this field, we explore the fabrication, characterisation and use of sub-micron materials and structures to allow work on DNA, protein analysis and manipulation and self-assembly.

Fundamental Photonics

Many of our greatest achievements come from exploring the fundamentals of optics and quantum electronics. We combine work on quantum electronics, modelling and theory with empirical and applications-led work to increase the fundamental understanding of light and matter.

Light Generation and Manipulation

We work with optical frequencies from beyond 10 microns in the infrared to the ultraviolet and even x-rays. Research covers new laser sources, optical and nonlinear processes, the control of light at its extremes, and increasing power, efficiency, beam quality and flexibility. This includes our revolutionary work on scaling of power and brightness for fibre and other solid-state lasers. We also have dedicated facilities for ultrafast high-power laser pulse generation, used for exploring nonlinear processes, light–matter interaction, materials growth and modification, and x-ray generation.

Nanophotonics and Metamaterials

Photonics is rapidly moving into the nanoworld, promising captivating new fundamental physics and new applications in highly interactive, low-energy consumption devices, performing at the quantum level. Our fields of commitment and interest include active plasmonics, photonics in the flatland, photonics of electron beams, photonics of the artificial, and photonics of the critical and discrete. An EPSRC programme grant funds the Centre for Nanostructured Photonic Metamaterials based at the ORC.

Optical Fibres

The history of the optical fibre is closely linked to the ORC, and new fibre designs, materials and techniques continue to be developed. Our acclaimed expertise in the fabrication and processing of optical fibres feeds into much of our other research. We are at the forefront of modelling and fabrication of microstructured optical fibres, and continue to work on increasing bandwidth, switching speed and flexibility for fibre-based systems.

Optical Materials

This area of research involves the discovery, fabrication and characterisation of substances with new or interesting optical properties. The foundation for the majority of research at the ORC is our expertise in materials processing. This extends from glasses based on chalcogenides to more exotic crystal materials, and includes metamaterials, microstructures and nanotechnology.

Optical Networks and Systems

Historically, the ORC has participated in the key innovations that have had a radical impact on telecommunications, and this work continues today. As well as higher bandwidth applications, research into all-optical switching and processing is under way, including integration of optical components with semiconductor devices. Sensing is another key system-level activity, and sensors based on fibres, planar or hybrid devices are being used for mechanical, electromagnetic, chemical and biological sensing applications.

Planar Lightwave Integration

Integration of optical functions, such as amplification, oscillation, switching and filtering in circuits, realised in novel materials systems studied in the ORC, will allow the construction of multifunctional photonic circuits to rival their electronic analogues and will enable the continued revolution in communications and IT. The combination of integrated optics with integrated electronics, fluidics and biochemistry is leading to novel lab-on-chip configurations for fundamental physical and biochemical studies, medicine and environmental monitoring.

Staff

Dr Gilberto Brambilla, Dr Bill Brocklesby, Professor Andy Clarkson, Professor Rob Eason, Professor Dan Hewak, Dr Peter Horak, Dr Morten Ibsen, Professor Peter Kazansky, Dr Wei Loh, Dr Jacob Mackenzie, Dr Sakellaris Mailis, Dr Tracy Melvin, Dr Trevor Newson, Professor Johan Nilsson, Dr Anna Peacock, Dr Periklis Petropoulos, Professor David Richardson, Professor Harvey Rutt, Dr Jayanta Sahu, Dr Pier Sazio, Professor David Shepherd, Professor Peter Smith, Professor James Wilkinson, Professor Mikhail Zervas, Professor Nikolay Zheludev

Research programmes

PhD

Admissions Tutor: Dr Periklis Petropoulos
Contact: See main details, page 178

Postgraduate admissions office
Contact: See main details, page 178

Most of your time will be spent conducting novel research under the expert guidance of your supervisor. This will often be a mixture of work carried out on your own and in collaboration with other students or research fellows. You will be required to keep up to date with research literature in your area and in the field of optoelectronics in general. You will be given comprehensive skills training, ranging from laser safety to report writing, and technical lectures on a range of topics in optoelectronics. You would normally present your work at major international conferences and publish a number of scientific journal papers during your studies.

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in a related discipline (eg physics, mathematics, engineering, electronics, chemistry, biology). International students must achieve a satisfactory score in a recognised English language test

Duration: You enrol on a combined MPhil/PhD programme and are conditionally upgraded to PhD status at the 16-month stage. MPhil: 1–2 years (full-time), 2–3 years (part-time); PhD: 2 years 6 months – 4 years (full-time), 3–8 years (part-time)

Assessment: Internal 8- and 16-month reports and viva voce determine progression and transfer to PhD

Start date: October (other dates by arrangement)

Intake: 20

Applying: University application form with transcripts, CV, evidence of prior academic standing, references. Apply online at **www.southampton.ac.uk/postgraduate/pgstudy/howdoiapplypg.html**

Closing date: Early applicants are strongly advised to secure project of choice and funding. Applications should be received no later than 31 March. The majority of fully funded positions for international and EU students are allocated by May; however, studentships to outstanding candidates may be allocated earlier

Funding: Fully funded places for UK students, including tuition fees and a tax-free bursary. In 2011, the UK bursary was £15,000 and the one UK ORC scholarship was £18,000. Please visit the website for 2012 funding details

Fully funded places are also available for EU/international students

Fees: UK/EU (2011/12) full-time £3,732; international (2012/13) full time £17,400, part time £8,700

Careers: Photonic and related industrial and academic positions worldwide; publishing; patent laws

Philosophy

Our staff have a wide range of interests, with special foci on aesthetics, modern German philosophy, Wittgenstein, and philosophy of mind, language and action.

Contact

Postgraduate enquiries
Tel: +44 (0)23 8059 8062
Email: pghums@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/philosophy

Professor Chris Janaway

Professor Janaway's recent research has been on Schopenhauer, Nietzsche and aesthetics. He was principal investigator for the AHRC-funded major research project, Nietzsche and Modern Moral Philosophy, and is editor of a new translation of Schopenhauer's works with Cambridge University Press.

Chris says: "Schopenhauer and Nietzsche are challenging modern philosophers who offer radical answers to enduring questions about value in human life. Is it possible to find meaning or value in a godless universe that is full of suffering? Might art and creativity provide some kind of answer? And is morality good for us? Confronting these philosophers' attempts to answer these questions allows us to confront a crucial part of our own intellectual and cultural identity."

c.janaway@southampton.ac.uk

George Reynolds

After studying philosophy at undergraduate level at the University of London, George came to Southampton to take the MA Philosophy. He was subsequently awarded a PhD scholarship by the Arts and Humanities Research Council.

"My PhD project focuses on the philosophy of Wittgenstein and Southampton is an excellent place to undertake this work," George explains. "During my time here, the University has hosted three major conferences on Wittgenstein's ideas and I have had many opportunities to get involved. The resources available are outstanding, and my PhD supervisor and other Philosophy staff are very supportive, giving me the guidance that helps me develop as a researcher."

Philosophy

Academic staff: 13

Postgraduate research students: 13

RAE rating: 2.45 (2008); first in the UK and equal third in the world for Nineteenth Century German Philosophy and Philosophy of Art (Philosophical Gourmet Report, the US peer review-based ranking of postgraduate programmes)

Location: Avenue Campus

Internal links: English, History, Mathematics, Music, Politics & International Relations

Resources: Extensive holdings of printed books and periodicals; many important research tools held on CD-Rom or through internet licences; personal desk space and dedicated postgraduate study areas, including on-site computer workstations

Centres: Centre for Philosophy and Value

Research areas

We have expertise in a wide range of areas but are particularly well known for our work in the following:

Aesthetics

We have the highest concentration of specialist aestheticians in the UK, and offer research supervision in a wide range of topics, including tragedy, philosophy of music, pictorial representation, philosophy of film, philosophy of literature, ontology of art, definitions of art, art and morality, aesthetics of Plato, Aristotle, Hume, Kant, Schopenhauer, Nietzsche and Collingwood.

Nineteenth Century German Philosophy

We offer supervision in all areas of modern German philosophy, with particular research expertise in the work of Schopenhauer and Nietzsche. We are currently hosting a £300,000 AHRC project on Nietzsche and modern moral philosophy, which brings together leading philosophers to assess and find responses to the challenge that Nietzsche's critique continues to pose to modern moral philosophy.

Philosophy of Language, Philosophy of Mind and Epistemology

Through a number of important recent appointments, a new focus for research at Southampton is the philosophy of language, the philosophy of mind and epistemology. We now offer research supervision on a wide range of issues in these areas and at their intersection, including, for example, on semantic normativity, epistemic normativity, scepticism, the nature of belief, epistemic value, self-knowledge, the problem of other minds, rule-following, deflationism, contextualism, meaning holism, the unity of the proposition and use-theories of meaning.

Wittgenstein

We have research strengths in all aspects of Wittgenstein's thought (including his philosophy of language, mathematics and religion), and its relationship with the work of Russell, Husserl, Heidegger, Kierkegaard and later twentieth century philosophers such as Quine and Davidson.

Other notable research interests

Other notable research interests are the philosophy of action and practical reason, ancient philosophy, ethics, philosophical logic, philosophy of religion, philosophy of science, political philosophy, and Collingwood, Heidegger, Frege, Kierkegaard and Russell.

Staff

Sophia Efstathiou, Christopher Janaway, Peter Johnson, Conor McHugh, Denis McManus, Ray Monk, Alex Neill, David Pugmire, Aaron Ridley, Genia Schoenbaumsfeld, Jonathan Way, Daniel Whiting, Fiona Woollard

Research programmes

MPhil/PhD

Director of Postgraduate Admissions: Dr Denis McManus
Tel: +44 (0)23 8059 3984
Email: mcmanus@southampton.ac.uk
www.southampton.ac.uk/philosophy/postgraduate/phd.html

Key facts

Entry requirements: Normally, MA Philosophy (distinction); other qualifications will be considered

Duration: Up to 4 years (full-time); up to 7 years (part-time)

Assessment: Thesis (75,000 words maximum), viva voce

Start date: Normally, October and February each year

Intake: Variable

Applying: University application with transcripts, two samples of written work and research proposal

Closing date: 1 September (but the deadline for funding opportunities will be in January/February); informal enquiries welcome at any time

Funding: AHRC; University studentships may be available

Fees: UK/EU (2011/12) full-time £3,732, part-time £1,866; international (2012/13) full-time £12,500

Taught programmes

Key facts for all taught programmes

Entry requirements: First- or upper second-class honours degree in philosophy or a relevant subject

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Essays, dissertation

Start date: October

Intake: Variable

Applying: University application with transcripts and two samples of written work

Funding: University studentships may be available

Fees: UK/EU (2011/12) full-time £4,500, part-time £2,250; international (2012/13) full-time £12,500

MA Aesthetics

Director of Postgraduate Admissions: Dr Denis McManus
Tel: +44 (0)23 8059 3984
Email: mcmanus@southampton.ac.uk
www.southampton.ac.uk/philosophy/postgraduate/ma.html

This programme offers students a focused but flexible exploration of aesthetics, examining its history, its relationship to broader questions of value and its manifestation within the analytic and continental traditions. Following core modules, Topics in Contemporary Aesthetics and The Philosophy of Value, you may choose from a wide range of specialist modules. Students will also benefit from hearing papers by visiting speakers at the long-standing Southampton Aesthetics Seminar. The MA programme meets AHRC requirements to progress to MPhil/PhD research.

Programme structure

Core modules (seminar-based): Topics in Contemporary Aesthetics and Classic Texts in Philosophy: Value (critical study of classic philosophical texts dealing with topics in philosophy of value, including ethics and aesthetics)

Research Skills: A module devoted to preparation for writing the dissertation

Specialised modules: The Nature of Art; Aesthetic Value; Aesthetics of the Environment; Art and Emotion; Contemporary Analytic Philosophy of Art; Horror and Tragedy; Philosophy of Film; Philosophy of Music; Poetry and Philosophy in Plato and Aristotle; Eighteenth Century British Aesthetics; Kant's Aesthetics; Schopenhauer's Aesthetics; Nietzsche's Aesthetics; Collingwood's Aesthetics

Plus: Dissertation (15,000 words)

MA Philosophy

Director of Postgraduate Admissions: Dr Denis McManus
Tel: +44 (0)23 8059 3984
Email: mcmanus@southampton.ac.uk

The range of specialised modules in this coherent, flexible programme reflects the broad spectrum of research interests represented by our philosophers. Following core modules devoted to classic philosophical texts, you can take an established pathway in Aesthetics or Nineteenth Century German Philosophy, or choose a pick-and-mix approach. The programme meets AHRC requirements to progress to MPhil/PhD research.

Programme structure

Core modules (seminar-based): Classic Texts in Philosophy: Mind and World (critical study of classic philosophical texts dealing with topics in mind, epistemology and metaphysics); Classic Texts in Philosophy: Value (critical study of classic philosophical texts dealing with topics in philosophy of value including ethics and aesthetics)

Research Skills: A module devoted to preparation for writing the dissertation

Specialised modules: Art and Emotion; Artificial Intelligence; Frege; Heidegger; Kierkegaard; Medieval Philosophy; Nietzsche; Philosophy and Biography; Philosophy of Language; Philosophy of Music; Philosophy of Religion; Schopenhauer; Schopenhauer and Nietzsche on Art; The Nature of Art; The Nature of Reasons; The Theory of Action; Topics in Contemporary Aesthetics; Topics in Moral and Political Philosophy; Topics in the History of Aesthetics; Wittgenstein

Plus: Dissertation (15,000 words)

Please note: Modules can also be taken in other Humanities subjects; all are subject to availability

Physics and Astronomy

Southampton is among the top five universities for physics in the UK, with over half of our work judged to be world leading or internationally excellent in the last two Research Assessment Exercises.

Contact

Admissions Tutor: Professor Peter de Groot
Email: physphd@southampton.ac.uk

Postgraduate Admissions Officer: Kim Lange
Tel: +44 (0)23 8059 2068
Email: physphd@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/physics

Staff members and publications are listed at **www.southampton.ac.uk/physics/about/staff**

Professor Rob Fender

Professor Fender's research and that of his group focuses on the most extreme and energetic processes in the universe.

Rob explains: "We approach these cutting-edge areas of astrophysics in two distinct ways. First, through studies of sources such as black holes in targeted observations with both ground- and space-based observatories. This has provided us with the clearest insights into the flow of matter around black holes, and how over cosmological time they have shaped their environments and regulated the growth of galaxies. Most recently, we have developed a programme that will, for the first time, sweep the whole sky regularly in the radio band in order to find and report highly variable phenomena. This research makes use of the new LOFAR radio telescope, and will probe exploration space in such new ways that we may find completely new astrophysical phenomena."

Martin Bell

Martin has a BSc Astrophysics, MSc Advanced Radio Astronomy and Space Science, and PGCE in physics lecturing qualification. His PhD in physics and astronomy is supported by a four-year Mayflower scholarship, and he dedicates 20 per cent of his time to teaching-related duties.

He says: "I chose Southampton largely for the reputation of the Astronomy research department. The department works with the world's leading astronomical instruments and is developing exciting new radio astronomy facilities."

Physics and Astronomy

Academic staff: 50

Postgraduate research students: 65

RAE rating: Awarded the highest research rating in each of the last two RAEs

Location: Highfield Campus

Internal links: Chemistry; Electronics & Computer Science (ECS); Engineering Sciences; Mathematics

External links: Argonne National Laboratory (USA); European Space Agency; Institut Laue-Langevin (ILL) (France); Merck; Mesophotonics Ltd; QinetiQ (industry); Rutherford Appleton Laboratory

Resources: Bespoke hardware (Sun Unix systems, Linux systems and 200 PCs and laptops); two rooftop observatories equipped with high-quality telescopes and CCD detectors; a specialist photonics laboratory with research-grade laser equipment; nanofabrication clean rooms; laser facilities; magnetic and electrical characterisation facilities

In 2004, we were awarded the UK's second highest research income for physical sciences and mathematics. We have a world-class reputation for research excellence, through close interaction with internationally recognised researchers, multimillion pound investments in high-profile start-up companies, and resourcing technology transfer.

Research areas

Astronomy and Space Environment Physics

Our astronomy activities centre on the themes of observation, analysis and modelling of the high-energy astrophysical phenomena that take place around compact stars in binary systems and near the super-massive black holes in the centres of galaxies. Current international collaborative projects include the INTEGRAL gamma-ray observatory (a European Space Agency space mission) and LOFAR, the next-generation radio telescope under construction across Europe, with the UK station now operating on the outskirts of Southampton.

The Space Environment Physics Group researches the interaction of the solar wind with the Earth's magnetosphere, in particular the manifestation of this interaction in the aurora, and the changes that occur as a result of solar variability. The EISCAT radar located on Svalbard in the Arctic forms an important part of the research activity. Properties of the Earth's atmosphere, such as its composition and temperature, are measured and modelled in order to estimate the importance of changes that are occurring.

Quantum, Light and Matter Physics

Materials research and photonics embody physics and many other sciences. We collaborate with Chemistry, Electronics & Computer Science, and Engineering Sciences at Southampton, with other UK and international universities, and with business. We have developed our own £2m Nanomaterials Rapid Prototyping Facility to enable PhD students to fabricate samples and measure novel properties. Our research activities focus on the following areas:

Laser physics and nonlinear optics

We have a distinguished research history in the physics of novel optical sources and materials, including passively mode-locked, optically pumped, vertical-external-cavity surface-emitting lasers (VECSELs), which are compact, versatile sources of ultrashort pulses for applications that include nonlinear optics and THz generation. We contribute a vital component to the University's Optoelectronics Research Centre, and many of our projects are linked to work in quantum optoelectronics and magnetism.

Magnetism and superconductivity

Our research activities include: magnetic superlattices and nanomagnets; spintronics; the vortex state and critical currents; rare Earth metals and intermetallic compounds; intermediate valence; and heavy fermion materials. We employ a broad range of experimental techniques, nanofabrication methods and computational modelling, both in-house and at international facilities.

Quantum control

We investigate the physics and applications of quantum mechanics in the interactions of ultracold atoms and molecules with light and matter. Our research ranges from studying and developing new methods for the optical cooling, trapping and manipulation of atoms and molecules, using shaped and modulated laser fields and nanostructures, to exploring the limits and applications of quantum mechanics, from atom interferometry and quantum algorithms to the quantum interference of massive molecules.

Quantum optoelectronics

New materials are being developed to produce increasingly varied quantum structures, leading to novel physics and key applications, such as quantum dots and semiconductor lasers. Among these are nanostructures, in which 'designer' band structures for electrons and photons can be created, and their interactions engineered in exciting ways. Our research activities include semiconductor physics, photons and spins in quantum structures, and investigations of semiconductor microcavities.

Theoretical High-energy Physics

High-energy physics is the study of the most elementary constituents of matter, the basic forces of nature by which they interact, and their role in the early universe. The study of particle physics relies on experiments, ranging from huge particle accelerators to deep underground laboratories, orbiting satellites and particle simulations using the most powerful computers. We are currently eagerly awaiting new experimental results from the Large Hadron Collider at CERN, and, with the aid of new data, we aim to shed light on fundamental questions in physics. Our research activities focus on the following areas:

Beyond the Standard Model and cosmology

The Standard Model, the theory of elementary particles, leaves many questions unanswered, such as the origin of particle masses. We explore extensions of known physics based on supersymmetry, superstring theory and models with extra dimensions. We are also interested in the implications of such theories for cosmology, using ideas such as inflation, quintessence and baryogenesis.

Field theory and string theory

We are interested in the development of more formal aspects of particle physics theories. This work includes studies of renormalisation in gauge theories. Recently, we have used the AdS/CFT correspondence and its deformations to understand new descriptions of confinement, chiral symmetry breaking and black holes.

Lattice quantum chromodynamics and b-physics

We work with the UKQCD collaboration of seven British universities, now exploiting the JIF-funded 10 Tflop/s QCDOC supercomputer. Research on related theoretical techniques complements numerical work. We emphasise b-quark (and charm) physics and kaon physics. Results from BaBar and Belle, ongoing work at Fermilab and the prospects of the Large Hadron Collider motivate our interest in b-quark phenomenology, especially CP-violation and the CKM matrix.

Phenomenology

We are engaged in phenomenological studies of the potential of present and future high-energy particle accelerators, as part of the NExT Institute, in conjunction with the Rutherford Appleton Laboratory near Oxford, Royal Holloway, University of London, and the University of Sussex. We are particularly interested in performing tests of the Higgs sector of the Standard Model, and of its minimal and non-minimal supersymmetric extensions.

Research programmes

PhD

Admissions Tutor: Professor Peter de Groot
Email: physphd@southampton.ac.uk
Postgraduate Admissions Officer: Kim Lange
Contact: See main details, page 184
www.southampton.ac.uk/physics/research

As a member of one of our friendly, vibrant research groups, you will find that interested people are always keen to hear your ideas, discuss your results and help and encourage you generally. You will attend postgraduate lectures, classes and research seminars, and there will be opportunities to attend short courses or summer schools, such as Institute of Physics workshops and NATO Advanced Study Institutes. You will be expected to present your results at national and international conferences, and we will encourage you to write up your results for publication in scientific journals.

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent, or MPhys/MSc Physics

Duration: 3–4 years (full-time); 4–5 years (part-time)

Assessment: Thesis, viva voce

Start date: October

Intake: 25

Applying: Contact Postgraduate Admissions Officer

Closing date: None, but early application is advised

Funding: EPSRC; e-Science Initiative; Higher Education Funding Council for England; industrial studentships; Leverhulme Trust; University of Southampton scholarships; Science and Technology Facilities Council; Wolfson Foundation

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Academia; finance; industrial research

Politics at Southampton has an international reputation for research in the areas of political science, political theory and international relations.

Contact

Postgraduate Research:
Tel: +44 (0)23 8059 2527
Email: po-pgr@socsci.soton.ac.uk

Postgraduate Taught:
Tel: +44 (0)23 8059 2629
Email: po-pgi@socsci.soton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/socsci/politics

Staff publications are listed at
www.southampton.ac.uk/socsci/politics/staff

Dr Alexandra Kelso

Dr Alexandra Kelso's main research interests are in British politics, particularly the Westminster parliament.

Funding by the ESRC is enabling Alexandra to explore how Commons select committees fulfil their task of holding the government to account. Her research project, The Scrutiny Universe: the House of Commons Select Committees and the Psychology of Group Processes, uses group psychology insights to understand how MPs manage their party identities and regulate partisan conflict in an 'all-party' institutional environment. Alexandra says: "Given the power and resources of government in Britain, issues concerning committee leadership and scrutiny outcomes are crucial."

a.kelso@soton.ac.uk

Denny Kurniawan

Denny, who is from Indonesia, is studying for an MSc Governance and Policy.

He says: "My undergraduate degree was in economics and being able to pursue an MSc is very valuable to me. The educational experience here has provided me with a very broad knowledge and comprehensive understanding of many issues in politics, and it has also enriched my experience and my knowledge of economics. I believe my time at Southampton will improve my capacity and performance in my job as a civil servant in Indonesia's Ministry of Finance and help me contribute to policy reform in my country."

Politics & International Relations

Academic staff: 14

Postgraduate research students: 20

Postgraduate taught students: 35

RAE rating: Internationally recognised research

Location: Highfield Campus

Internal links: Centre for Global Health, Population, Poverty and Policy; Centre for Research on Ageing (CRA); ESRC National Centre for Research Methods

External links: Centre for the Study of Global Governance (LSE)

Resources: Dedicated research IT networks; research students are provided with PCs and office space; masters students have access to workstations and internet café facilities

Centres: Centre for Citizenship, Globalisation and Governance

We have a particularly significant research profile in the areas of citizenship, governance and globalisation, and our work cuts across traditional subdisciplinary categories, illustrating the important contributions made by our staff to recent developments within the discipline.

Research areas

www.southampton.ac.uk/socsci/politics/research

Citizenship, Globalisation and Governance

www.southampton.ac.uk/c2g2

We pursue research across the broad areas of citizenship, governance and globalisation, with staff actively engaged in projects that encompass many different topics and issues in political science, political theory and international relations. Our interests include: the theory and practice of citizenship; democracy, democratic participation and democratic accountability; public policy; theories of justice; migration and ethics; energy politics; the changing structures and practice of governance; international relations theory; international political economy; security studies; foreign policy; nuclear history; development; human rights; globalisation and global governance.

Staff

Dr Chris Armstrong, Dr Russell Bentley, Professor Tony Evans, Dr John Glenn, Dr Chris Holmes, Dr Darryl Howlett, Dr Alexandra Kelso, Professor Andrew Mason, Dr Valbona Muzaka, Professor David Owen, Dr Pia Riggirozzi, Dr Clare Saunders, Professor Graham Smith, Professor Gerry Stoker

Research programmes

MPhil/PhD

Contact: See main details, page 188

www.southampton.ac.uk/socsci/politics/study/pgr

We offer MPhil/PhD programmes in many areas of political science, political theory and international relations, falling under our main research themes of citizenship, governance and globalisation. They encompass diverse topics, ranging from democratic engagement to local governance, from policy studies to political accountability, from global justice to theories of citizenship, from development to nuclear security, and from world

government to globalisation. We are eager to foster postgraduate study on these topics and a great many others, and offer a highly stimulating, friendly and supportive environment for doctoral research.

You will work with a main advisor and consult with other members of staff as needed. We actively encourage doctoral student participation in academic conferences and submission of articles to scholarly journals. The main career objective for most candidates is an academic position, although a PhD in politics and international relations can also be used as a springboard for work in think-tanks, policy centres, foreign affairs and parliamentary research.

Key facts

Entry requirements: Masters degree in a relevant subject, or equivalent (a good honours degree will be considered)

Duration: 3–4 years (full-time); up to 7 years (part-time)

Assessment: Upgrading seminar from MPhil to PhD; PhD viva voce

Start date: September

Intake: 8

Applying: University application form with transcripts, research proposal

Closing date: None, but early application advised

Funding: ESRC studentships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Some fieldwork costs may apply, if not covered by your funding. You will receive an annual allowance for photocopying and normal printing facilities, but may need to meet any additional costs

Careers: Academia; civil service; journalism; local government; NGOs; politics; United Nations

Taught/research programmes

Key facts for all taught/research programmes

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework and/or examination; you must complete all taught modules satisfactorily before being eligible to submit a dissertation leading to an MSc

Start date: September

Intake: Variable

Applying: University application form with transcripts

Closing date: None, but early application advised

Funding: ESRC studentships and University scholarships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

MSc Citizenship and Democracy (Research)

This ESRC-recognised programme provides an opportunity to investigate current debates on the theory and practice of citizenship and democracy, and offers broad training in social science research methods. Successful ESRC-funded students will be eligible for a further three years' funding for PhD research.

Programme structure

Core modules: Citizenship and Democracy; Design and Statistical Analysis of Surveys; Qualitative Methods; Researching Politics and International Relations

Two option modules from: A wide range in both Politics & International Relations and Sociology & Social Policy

Plus: Dissertation (12,500–15,000 words)

Please note: Option modules are run according to staff availability and student uptake

Key facts

See Key facts for all taught/research programmes, plus:

Careers: Journalism; national and local government; policy work and think-tanks; research and academic institutions

MSc Global Politics (Research)

This ESRC-recognised programme provides an opportunity to investigate current debates about the changing nature of global politics, and offers broad training in social science methods. Successful ESRC-funded students will be eligible for a further three years' funding for PhD research.

Programme structure

Core modules: Design and Statistical Analysis of Surveys; Global Politics and International Relations; Qualitative Methods; Researching Politics and International Relations

Two option modules from: A wide range in both Politics & International Relations and Sociology & Social Policy

Plus: Dissertation (12,500–15,000 words)

Please note: Option modules are run according to staff availability and student uptake

Key facts

See Key facts for all taught/research programmes, plus:

Careers: Academic and research institutions; national and international governmental and NGOs

MSc Governance and Policy (Research)

This ESRC-recognised programme enables you to study processes of governance and policy-making while also offering broad training in social science research methods. Successful ESRC-funded students will be eligible for a further three years' funding for PhD research.

Programme structure

Core modules: Governance and Policy; Philosophy, Methodology and Research Design; Design and Statistical Analysis of Surveys; Qualitative Methods

Two option modules from: A wide range in both Politics & International Relations and Sociology & Social Policy

Plus: Dissertation training programme and dissertation (12,500-15,000 words)

Please note: Option modules are run according to staff availability and student uptake

Key facts

See Key facts for all taught/research programmes, plus:

Careers: Academic and research institutions; national and international governmental organisations and NGOs; think-tanks and policy advice

MSc International Political Economy (Research)

This ESRC-recognised programme enables you to engage in the study of key issues in contemporary IPE while also offering broad training in social science research methods. Successful ESRC-funded students will be eligible for a further three years' funding for PhD research.

Programme structure

Core modules: Global Political Economy; Philosophy, Methodology and Research Design; Design and Statistical Analysis of Surveys; Qualitative Methods

Two option modules from: A wide range in either Politics & International Relations or Sociology & Social Policy

Plus: Dissertation training programme and dissertation (12,500-15,000 words)

Please note: Option modules are run according to staff availability and student uptake

Key facts

See Key facts for all taught/research programmes, plus:

Careers: Academic and research institutions; national and international governmental organisations and NGOs; think-tanks and policy advice

Taught programmes

Key facts for all taught programmes

Tel: +44 (0)23 8059 2629
Email: politics-pgi@southampton.ac.uk

Entry requirements: First- or upper second-class honours degree or equivalent

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework and/or examination; PG Dip students must complete all taught modules satisfactorily before being eligible to submit a dissertation leading to an MSc

Start date: September

Intake: 10–20 per programme

Applying: University application form with transcripts

Closing date: None, but early application advised

Funding: Scholarships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: International organisations; national and local government; NGOs; research

MSc/PG Dip Citizenship and Democracy

This programme examines the need to rethink our understanding of citizenship and democracy in the light of multiculturalism, globalisation, mass migration and the changing roles of the nation state. It explores controversial issues associated with the theory and practice of democracy, democratic participation and democratic accountability.

Programme structure

Core modules: Citizenship and Democracy; Researching Politics and International Relations

Four option modules from: A wide range in Politics & International Relations; one may be chosen from Sociology & Social Policy

Plus: Dissertation training programme and dissertation (12,500–15,000 words: MSc only)

Please note: Option modules are run according to staff availability and student uptake

MSc/PG Dip Global Politics

This programme is designed to develop your understanding of issues such as globalisation, human rights, international relations and global governance. It is geared towards those wishing to carry out further research in this area, as well as those seeking a career where an understanding of global politics is required.

Programme structure

Core modules: Global Politics and International Relations; Researching Politics and International Relations

Four option modules from: A wide range in Politics & International Relations; one may be chosen from Sociology & Social Policy

Plus: Dissertation training programme and dissertation (12,500–15,000 words: MSc only)

Please note: Option modules are run according to staff availability and student uptake

MSc/PG Dip Global Security

This programme explores what we understand about security in the global era, how security impacts on international relations, and how relevant processes (such as arms control) are managed globally. It is ideally suited to those who wish to carry out further research, and for those seeking a career where knowledge of global politics and security is important.

Programme structure

Core modules: Introduction to Security Studies; Researching Politics and International Relations

Four optional modules from: A wide range in Politics & International Relations; one may be chosen from Sociology & Social Policy

Plus: Dissertation training programme and dissertation (12,500–15,000 words: MSc only)

Please note: Option modules are run according to staff availability and student uptake

MSc/PG Dip Governance and Policy

This programme examines processes of governance and policy-making at a variety of levels, from local to global. Students can explore these issues in a cross-disciplinary way, making use of insights from politics, international relations, social policy, public administration and sociology.

Programme structure

Core modules: Governance and Policy; Philosophy, Methodology and Research design

Four option modules from: A wide range in Social Sciences, including those in the following areas: demography, gerontology, international relations, politics, social policy, social statistics, social work and sociology

MSc/PG Dip International Political Economy

This programme is designed for students who want to develop a better understanding of the workings of the global political economy and its governing institutions. It looks at issues such as trade, finance and migration and explores them from a range of interdisciplinary perspectives. It also probes how shifting balances in the world economy will affect international politics in the future.

Programme structure

Core modules: Global Political Economy; Philosophy, Methodology and Research Design

Four option modules from: A wide range in Politics & International Relations; one may be chosen from Sociology & Social Policy

Plus: Dissertation training workshop and dissertation (12,500–15,000 words)

Please note: Option modules are run according to staff availability and student uptake

We have the fifth largest body of internationally active research staff in the UK, and an excellent track record for securing external funding for our students.

Contact

Postgraduate Admissions Officer
Postgraduate research:
Tel: +44 (0)23 8059 5699
Email: psyc-pgr@southampton.ac.uk

Postgraduate taught:
Tel: +44 (0)23 8059 2327
Email: psyc-pgt@southampton.ac.uk

Professional Development: Please see individual programmes

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/psychology

Professor Lucy Yardley

Professor Yardley is currently leading a large research programme using the internet to deliver health-related behaviour change interventions (see www.lifeguideonline.org). These include interventions to promote healthier lifestyles and interventions to help patients self-manage illness and disability such as colds and flu and stroke.

Lucy says: "Over the next few years this research programme will examine how interventions can be enhanced using mobile phone technology and online social networking to unobtrusively monitor the user's activities, so that we can deliver exactly the right kind of messages to users at the right time, depending on what they are doing and feeling."

Dr Arwa Arab

Dr Arwa Arab is heading home to Saudi Arabia to take up an academic post after gaining a PhD examining how adolescents in Saudi tackle relationships with parents, teachers and people in authority.

"Southampton is one of the few universities in the UK to offer a PhD in this aspect of psychology," Arwa explains, " and I was fortunate enough to receive a scholarship. University life in the UK is very different in its emphasis on research, but my lecturers were very supportive. I collected data for my research in Saudi Arabia. Unfortunately, I was not able to interview young men for my thesis, but I was interested to discover more about the attitudes of young women. Many of them told me they wanted more freedom to make their own decisions."

Psychology

Academic staff: 45

Postgraduate research students: 120

Postgraduate taught students: 100

RAE rating: 2.70 (2008)

Location: Highfield Campus/Bassett Crescent East

External links: Harvard University; Institute of Child Health; Institute of Education; Institute of Psychiatry, Amsterdam; National Institute of Mental Health; New York University; Stanford University; Tianjin University, China; University of Bergen, Norway; University of California, Berkeley; University of California, Irvine; University of California, San Diego; University of Heidelberg; University of North Carolina, Chapel Hill; Yale University

Resources: Three EEG/ERP laboratories based around industry-standard neuroscan equipment; eye-movement laboratories offering a range of facilities, including binocular, high-temporal resolution recording, ambulatory video scene/eye-gaze recording and general-purpose eye-tracking; PHANTOM force-feedback vision research rig and multiple stereoscopes; multiple fixed and ambulatory psycho-physiology systems; video recording, observation and analysis hardware and software; a range of multi-computer testing suites, along with multiple individual testing cubicles

Centres: Ageing Research Network; Centre for Applications of Health Psychology; Centre for Research on Ageing; Centre for Research on Self and Identity; Centre for Sexual Health Research; Developmental Brain-Behaviour Laboratory; Emotion and Motivation Laboratory; Memory and Associative Learning Laboratory; Visual Cognition Laboratory

Our positive research culture ensures that we remain one of the best centres for postgraduate training in the UK. Our PhD and MSc Research Methods in Psychology have received formal recognition from the ESRC.

Research areas

Division of Clinical Neuroscience

www.southampton.ac.uk/psychology_researchthemes

We seek to build bridges between mental processes and their behavioural manifestations, and the underlying functioning of the brain.

Developmental Brain-Behaviour Laboratory (DB-BL)

Director: Professor Edmund Sonuga-Barke

www.southampton.ac.uk/psychology/research/groups/developmental_brain_behaviour_laboratory.page

We pursue research on the basic and clinical neuroscience of developmental psychopathology and disorder. We prize our multidisciplinary membership (developmental, psychopathologists and neuroscientists, behaviour analysts, child psychiatrists, paediatricians). Our mission is to explore the relationship between neural processes, psychological function and atypical development, childhood and adolescence, and to translate research knowledge into clinical practice for the benefit of children and their families.

Clinical areas of special interest include attention deficit/hyperactivity disorder, conduct disorder, anxiety, sleep problems and autism. We employ a broad range of methods, spanning basic neuroscience, through experimental laboratory studies, longitudinal cohort studies, direct observation and trials. Current programmes of research include: early identification and intervention of childhood problems (ADHD and autism); the importance of motivational factors in externalising problems; working memory and academic achievement in anxiety; the resting brain; the role of social factors (parenting and peer relations) in developmental pathways; clinical decision-making; and the impact of prematurity.

Staff

Dr Tony Brown, Dr Christine Cornforth, Dr Julie Hadwin, Dr Hanna Kovshoff, Dr Jana Kreppner, Dr Donna McCann, Professor Bob Remington, Professor Edmund Sonuga Barke

Emotion and Motivation Laboratory

Directors: Professor Brendan Bradley and Professor Karin Mogg

www.southampton.ac.uk/psychology/research/groups/emotion_and_motivation_laboratory.page

Our research mainly uses objective scientific methods to investigate the cognitive and neural mechanisms underlying aversive and reward-related motivational states. A key focus of our work is to improve understanding of the mechanisms underlying vulnerability to, and treatment of, anxiety and other motivational states including aggression, antisocial behaviour, and overeating.

Research topics include:

- Anxiety vulnerability (study of cognitive and neural mechanisms underlying vulnerability to anxiety, eg cognitive biases for threat; CO_2 hypersensitivity)
- Social cognition and empathy in conduct disorder/psychopathy (relationships between deficits in social cognition, empathy and aggressive behaviour, eg emotion perception in conduct disorder)
- Reward-related motivation (relationships between cognitive processes and reward- and approach-related motivational states, relevant to addiction, overeating, and aggressive or antisocial behaviour, eg reward learning in conduct disorder, cues in overeating)

Staff

Professor Brendan Bradley, Dr Catherine Brignell, Dr Graeme Fairchild, Dr Matthew Garner, Dr Roelie Hempel, Professor Tom Lynch, Professor Karin Mogg

Division of Cognition

www.southampton.ac.uk/psychology_researchthemes

We are concerned with the generation and testing of theoretical accounts of the mental processes that underlie human knowledge and action, in both laboratory and real-world contexts. Staff research focuses on mechanisms of human perception, memory, learning, decision-making and problem-solving, and explores how these mechanisms are implemented in the brain. Most of our work consists of experiments with human participants, some of which focus on special populations, such as older adults.

Memory and Associative Learning Laboratory

Director: Dr Philip Higham

www.southampton.ac.uk/psychology_researchgroups_memory

We pursue a range of interests relating to contemporary accounts of human memory/metacognition and associative learning. Although our work is strongly theoretically driven, it retains a focus on the application of theory to areas of applied interest as diverse as addiction and psychological testing.

Staff

Professor Brendan Bradley, Dr Catherine Brignell, Dr Graeme Fairchild, Dr Matthew Garner, Dr Philip Higham, Professor Karin Mogg

Visual Cognition Laboratory

Directors: Professor Nick Donnelly and Professor Simon Liversedge

www.southampton.ac.uk/psychology/research/groups/centre_for_visual_cognition.page

We have assembled an internationally networked group of staff, with reputations for theoretical development, high-quality empirical research and the practical application of theory in human visual cognition. Our work is published in major theoretical and empirical journals, and our members are sought after to advise governmental and intergovernmental bodies and industry. We have funded links held jointly with partners across the University, and multiple-funded international collaborations.

Staff

Dr Wendy Adams, Dr Valerie Benson, Professor Nick Donnelly, Dr Denis Drieghe, Dr Erich Graf, Professor Simon Liversedge, Dr Shui I Shih, Dr Sarah Stevenage

Division of Human Wellbeing

www.southampton.ac.uk/psychology_researchthemes

We examine the processes that lead to psychosocial adjustment or maladjustment, and their impact on both physical health and psychological happiness. Our two largest research centres, the Centre for Research on Self and Identity and the Centre for Clinical Applications of Health Psychology, have core interests in social psychology and health psychology respectively. Smaller groupings, with links with partners in the University, have research interests in sexual health, developmental disabilities and human ageing.

Centre for Applications of Health Psychology (CAHP)

Directors: Professor Lucy Yardley

www.southampton.ac.uk/psychology/research/groups/centre_for_applications_of_health_psychology.page

We have a core team of health psychologists, with international reputations for research on the application of psychology to alleviate health problems in clinical populations. Since 2001 our members have been principal or co-investigators on grants totalling well over £10m. With associate members from across the University, and close links with our Centre for Sexual Health Research and the University's Centre for Research on Ageing and Treatment Decisions Group, we are well placed to engage with current NHS health-related agendas. We have an established monthly seminar series, which includes internationally recognised external speakers and presentations and discussions of current research by internal contributors. We also host 20 research associates/PhD students and up to 16 MSc Health Psychology students.

Staff

Dr Sarah Kirby, Dr Christina Liossi, Professor Lucy Yardley

Centre for Research on Self and Identity

Director: Professor Constantine Sedikides

www.southampton.ac.uk/psychology/research/groups/centre_for_research_on_self_and_identity.page

We are firmly committed to the process of constructing, empirically testing and revising social psychological theory in the area of self and identity. At the individual level, we address issues such as the structure of the self-concept, self-esteem and self-related emotions. At the relational level, we examine, for example, how attachment experiences influence the way people view the self, others and close relationships. At the collective level, we study the interplay between self-interest and group interest, and the discrepancy between person-to-person and group-to-group behaviour.

Staff

Dr Katherine Carnelley, Dr Aiden P Gregg, Dr Claire Hart, Professor Constantine Sedikides, Dr Tim Wildschut

Centre for Sexual Health Research

Director: Professor Roger Ingham

www.southampton.ac.uk/psychology/research/groups/centre_for_sexual_health_research.page

The Centre was established in 1994. We aim to provide a focus for research related to issues of sexual health; to encourage and develop high-quality interdisciplinary research, using both quantitative and qualitative methods; to assist in attracting external funding and high-quality applications for postgraduate study; and to provide a local, national and international resource on issues relating to research and policy formulation.

We have close links with colleagues across the University, most notably in Social Sciences.

Staff

Professor Roger Ingham

Cognitive Therapy Research Group

Director: Dr Lusia Stopa

The Cognitive Therapy Research Group conducts research into the cognitive mechanisms that underpin emotional disorders. The aim is to experimentally test and refine models so that more effective treatments are developed. Members of the group are clinicians as well as researchers and there is a reciprocal relationship between generating and testing theoretical models and their application to clinical practice. We are conducting innovative research into imagery and the self in the anxiety disorders, which includes examining how and why imagery rescripting works as a therapeutic technique. We conduct research into the prevalence of mental disorders in homeless individuals and have pioneered work on training staff how to apply cognitive therapy principles to the engagement and management of populations that are traditionally viewed as difficult to engage.

Staff

Dr Nick Maguire, Dr Katherine Newman Taylor, Dr Sharon Pettit, Dr Luisia Stopa

University of Southampton Ageing Research Network

Director: Professor Maria Evandrou

www.southampton.ac.uk/ageing/sarn

Through Professor Peter Coleman, we have close links with the long-established, University-wide Ageing Research Network, now integrated with the Centre for Research on Ageing (see page 58). The network facilitates interdisciplinary research and debate on a wide range of topics in the field of ageing. Through high-quality research and postgraduate training, we strive to contribute to a better understanding of the experience of ageing among different groups and societies.

Staff

Professor Peter Coleman, Professor Maria Evandrou

Research programmes

MPhil/PhD

Postgraduate Admissions Officer
Tel: +44 (0) 23 8059 5699
Email: psyc_pgr@southampton.ac.uk
www.southampton.ac.uk/psychology/postgraduate/research_degrees/degrees/mphil_phd_psychology_pgr.page

You will have opportunities for training in various research methods in psychology during your registration as a PhD student, plus access to our wide range of specialist instructional workshops, such as writing, presentation skills and computer programming.

Key facts

Entry requirements: First- or upper second-class honours degree in psychology, or equivalent (graduates in other disciplines or with other qualifications will be considered if earlier training has special relevance to the psychological problems to be investigated)

Duration: MPhil: 2–4 years (full-time), 2–7 years (part-time); PhD: 2–4 years (full-time), 3–7 years (part-time)

Assessment: Research thesis assessed with upgrade meeting and viva voce

Start date: September

Intake: Variable

Applying: University online application form with transcripts, research proposal, CV, references, degree certificate, English language results (if applicable)

Closing date: March (if applying for funding)

Funding: ESRC case studentships; ESRC research studentships; ESRC also funds studentships for EU students for fees only; research assistantships; Academic Unit studentships

Fees: **www.southampton.ac.uk/pgfeesandfunding**

MPhil/PhD Health Psychology Research and Professional Practice

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 6231
Email: health10@southampton.ac.uk
www.southampton.ac.uk/psychology/postgraduate/research_degrees/degrees/mphil_phd_health_psychology_research_and_professional_practice_pgr.page

This programme is suitable for graduates with an MSc Health Psychology accredited by the British Psychological Society (BPS), wishing to undertake a MPhil/PhD to obtain BPS chartered psychologist status and register with the Health Professions Council (HPC) as a health psychologist. The course conforms closely to stage 2 health psychology training requirements, and encompasses all the necessary components. The programme is accredited by the BPS and approved by the HPC. Training is through supervision with allocated chartered health psychologists and monthly workshops.

Programme structure

The core programme is a MPhil/PhD by research, which must include a systematic review. In addition, you will maintain a logbook of your supervised practice in health psychology, and undertake some teaching, consultancy, and a behaviour change intervention.

Key facts

Entry requirements: MSc Health Psychology

Duration: MPhil: 2-4 years (full time), 2-7 years (part-time); PhD: 2–4 years (full-time); 3–7 years (part-time)

Assessment: MPhil/PhD thesis, portfolio of competence

Start date: Throughout the year

Intake: 3–5

Applying: University online application form with transcripts, supervision plan agreed with your prospective supervisor, job description and workplace agreement with your employer (if applicable), research proposal, CV, references, degree and MSc certificates, APEL form, English language results (if applicable). Selection is subject to CRB and workplace checks

Closing date: March (if applying for funding)

Funding: ESRC case studentships; ESRC research studentships; ESRC also funds studentships for EU students for fees only; research assistantships; Academic Unit studentships

Fees: Information available on request

Find out more: Please see our website for a link to our eHandbook

Taught/research programmes

Doctorate in Clinical Psychology

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 5320
Email: clinicalpsych44@southampton.ac.uk
www.southampton.ac.uk/psychology_researchdegrees

This programme provides a professional qualification and confers eligibility for chartered psychologist status and HPC registration, enabling you to work within the NHS. You will be funded, via employment, as a trainee clinical psychologist with the NHS for the three years of training. The clinical component of the programme reflects BPS requirements for core skills and competences. NHS clinical placement work covers the whole age range and level of severity of presentation. The taught component includes lectures, seminars, workshops and individual tutorials.

Programme structure

Core modules: Adult Lifespan 1, including Introductory Skills; Adult Lifespan 2; Advanced Skills; Children and Adolescents; Postgraduate Research; Introduction to CBT; Learning Disability

Plus: Practitioner modules providing NHS experience within adult clinical services (including older adults), child and adolescent, and learning disability and specialist services (eg psychosis, specialist psychotherapies, eating disorders, neuropsychology)

Detailed information about the clinical programme structure and content is available on The Clearing House website: **www.leeds.ac.uk/chpccp**

Key facts

Entry requirements: Upper second-class honours degree in psychology, or recognised equivalent, that confers the Graduate Basis for Chartership (GBC) by the BPS; plus work experience in a field relevant to clinical psychology

Duration: 3 years (full-time)

Assessment: Essays, research project, dissertation with viva voce, portfolio/clinical logbook, evaluation of clinical competence on placements, clinical activity reports

Start date: September

Intake: 13

Applying: Online application is available through The Clearing House for Postgraduate Courses in Clinical Psychology, 15 Hyde Terrace, Leeds, LS2 9LT **www.leeds.ac.uk/chpccp**

Closing date: Early December

Funding: NHS

Fees: Paid by the NHS

Careers: Clinical psychologist within the NHS

Find out more: **www.southampton.ac.uk/psychology_researchdegrees**

Doctorate in Educational Psychology

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 5320
Email: edupsy10@southampton.ac.uk
www.southampton.ac.uk/psychology/postgraduate/research_degrees/degrees/doctorate_in_educational_psychology_pgr.page

This accredited professional training programme for educational psychologists will equip you with the skills to analyse, assess and advise on the range of complex and interacting factors that impact on children's development and learning within schools and the wider community. The aim is to give you a range of flexible skills and working practices that will prepare you for employment in a range of settings working with children.

This is an exciting time to join the profession. The recent green paper *Support and Aspiration – a new approach to special educational needs and disability* will have direct implications for you as future educational psychologists. This programme aims to respond to these potential role changes, and to continue to enhance the quality of research evidence informing practice.

The programme meets the requirements for chartered status with the BPS, and is approved for registration with the HPC.

Further information about the profession is available from the following websites:

www.bps.org.uk

www.education.gov.uk/schools/pupilsupport/sen/a00075339/sengreenpaper

www.cwdcouncil.org.uk/educational-psychology

www.hpc-uk.org/education/programmes

Programme structure

Core modules: Learning and Development; Casework 1, 2, 3; Emotional/Behavioural Development/Learning Difficulties/Emotional/Behavioural Difficulties/Placement; Learning 1, 2, 3/Applied Research/Research Thesis

Key facts

Entry requirements: GBC membership recognised by the BPS, plus demonstrable competences relevant to work with children in a childcare, community or educational setting

Duration: 3 years (full-time), incorporating 300 days' placement experience in local Educational Psychology Services

Assessment: Written work, practical work file, portfolio of casework, report on casework, thesis

Start date: September

Intake: 12

Applying: **www.cwdcouncil.org.uk/educational-psychology**

Closing date: Mid-December

Funding: **www.cwdcouncil.org.uk/educational-psychology**

Fees: Year 1 bursary and fees in all years paid by CWDC. Bursaries in years 2 and 3 are paid through the University or through employment with local authorities

Careers: Educational psychologist for Children's Services

Taught programmes

MSc Health Psychology

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 2327
Email: psyc-pgt@southampton.ac.uk
www.southampton.ac.uk/psychology/postgraduate/taught_courses/msc_health_psychology.page

This BPS-accredited programme is designed for graduates who wish to undertake an in-depth study of health psychology. It is an accredited stage 1 health psychology training programme and, as such, conforms closely to the core curriculum set by the BPS. Successful completion of an accredited MSc is essential to take the next step towards chartered psychologist status. It is possible to take individual modules as freestanding continuing education programmes.

Programme structure

Core modules: Applied Research Methods; Psychology and the Delivery of Healthcare; Biopsychosocial Aspects of Health; Psychosocial Aspects of Illness and Disability

Optional modules: You will have the opportunity to choose one optional module from a set list of modules, including Stress and Health and Introduction to CBT

Plus: Research dissertation

Key facts

Entry requirements: First- or upper second-class honours psychology degree, with at least an upper second-class level in all statistics modules taken and preferably some knowledge of SPSS. Completion of this programme fulfils stage 1 of postgraduate training in health psychology

Duration: 1 year (full-time); 2 years (part-time: considered in exceptional circumstances)

Assessment: Essays, literature reviews, behaviour change diary, mini-systematic review, research proposal, critical analysis, qualitative and quantitative data analysis, exams for core modules, MSc dissertation

Start date: September

Intake: 16 (full-time), 1 (part-time)

Applying: University online application form with transcripts, two references, personal statement, degree certificate, English language results (where applicable)

Closing date: 30 April

Funding: No scholarships currently available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Chartered psychologist; PhD study and research work for clinical research organisations; research and/or teaching positions in higher education; university lectureships

MSc Research Methods in Psychology

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 2327
Email: psyc-pgt@southampton.ac.uk
www.southampton.ac.uk/psychology/postgraduate/taught_courses/msc_research_methods_in_psychology.page

The main aim of this programme is to equip and motivate you to undertake high-quality research by providing advanced training and structured support. You will be encouraged to work on your own initiative, applying newly acquired concepts, methods and skills to promote self-motivated learning. You will use a problem-solving approach to create self-generated research questions relevant to a particular area of interest.

Programme structure

Core modules: Advanced Statistics; Applied Research Methods; Concepts and Skills and Dissertation

Optional modules: You will have the opportunity to choose two optional modules from a set list of modules

Key facts

Entry requirements: First- or upper second-class honours degree or equivalent in psychology

Duration: 1 year (full-time)

Assessment: Substantive pieces of research-related work, a piece of independent research (over a 4-month period)

Start date: September

Intake: 15

Applying: University online application form with transcripts, two references, CV, degree certificate, English language results (if applicable)

Closing date: 31 July

Funding: 1+3 studentships and ESRC 1+3 studentships (deadline March) if you enrol on the MSc as part of a 1+3 PhD programme

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Research in academia and/or industry

MSc Human–Animal Interactions: Animals and Human Health

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 2327
Email: psyc-pgt@southampton.ac.uk
www.southampton.ac.uk/psychology/postgraduate/taught_courses/msc_human_animal_interactions_animals_in_human_health.page

Both MSc courses in Human–Animal Interactions share a common core, which consists of essential Research Methods and Introduction to Anthrozoology. Each pathway then specifies further core modules which are specific to that pathway. Finally, each pathway offers student choice through one elective module drawn from a wide but recommended list. The taught modules serve as an academic hurdle which must be passed (50 per cent minimum) prior to progression to the common dissertation.

This pathway focuses on how animals may facilitate the development and maintenance of human health and wellness. The scientist practitioner approach, common to the practitioner in all branches of professional psychology, is applied as a way of evaluating the practice and principles of animal-assisted therapy and animal-assisted activities, together with client-based and animal-based cautions and concerns. The inclusion of a core module from the established MSc Health Psychology ensures that a meaningful set of real-world issues is addressed. Option modules include aspects of health psychology, social policy, social work, gerontology and human geography.

Programme structure

Core modules: Research Methods; Introduction to Anthrozoology; Animals and Human Health; Biopsychosocial Aspects of Health or Psychosocial Aspects of Illness and Disability; plus one option

Option modules: Perspectives in HAI; Introduction to CBT; Anxiety and Health; Emotional Disorders; Attachment; or others from areas including social studies, social policy, human geography and gerontology

Plus: Dissertation

Key facts

Entry requirements: First- or upper second-class degree in psychology or related discipline, eg medicine, nursing, occupational therapy, zoology, social science, animal science, animal behaviour, veterinary medicine, veterinary nursing

Duration: 1 year (full-time)

Assessment: Essays, exams, Research Reports 1 (qualitative) and 2 (quantitative), short answer questions, case-based problems, critical reviews, MSc dissertation

Start date: September

Intake: 10

Applying: University online application form with transcripts, two references, personal statement, degree certificate, English language results (if applicable)

Closing date: 31 July

Funding: No University scholarships currently available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Employment opportunities in a variety of fields, including higher education teaching and research, as well as commercial and charitable health and social care institutions

MSc Human–Animal Interactions: Global Issues in Human–Animal Interactions

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 2327
Email: psyc-pgt@southampton.ac.uk
www.southampton.ac.uk/psychology/postgraduate/taught_courses/msc_human_animal_interactions_global_perspectives.page

Both MSc courses in Human–Animal Interactions share a common core, which consists of essential Research Methods and Introduction to Anthrozoology. Each pathway then specifies specific core modules. Finally, each pathway offers student choice through one elective module drawn from a wide but recommended list. The taught modules serve as an academic hurdle which must be passed (50 per cent minimum) prior to progression to the common dissertation.

This pathway focuses on the interaction of humans in the animal environment, and on animals in the human environment. It addresses global issues, giving students an appreciation of the context in which they live, and explores issues related to attitude change and ultimately behaviour change. Key issues include deforestation, conservation, sustainability, and those related to providing healthy urban areas for animals and humans. Welfare and ethical issues regarding the use and care of animal species in a variety of contexts, such as companions and as medical models in zoos, are also examined. Option modules include aspects of biodiversity, human geography, health psychology, social psychology and change.

Programme structure

Core modules: Research Methods; Introduction to Anthrozoology; Humans and the Animal World; Perspectives in Human Animal Interactions; plus one option

Option modules: Animals and Human Health; Biopsychosocial Aspects of Health; Psychosocial Aspects of Illness and Disability; Human Learning, Thinking Creatively; Animal Behaviour; Attachment, Anxiety and Health; or others from Biological Sciences or Geography

Plus: Dissertation

Key facts

Entry requirements: First- or upper second-class degree in psychology or related discipline, eg veterinary medicine, human geography, conservation , social science, humanities (such as law, philosophy, politics, history), zoology, ecology, animal science, animal behaviour, veterinary nursing

Duration: 1 year (full-time)

Assessment: Essays, exams, Research Reports 1 (qualitative) and 2 (quantitative), critical reviews, short answer questions, case-based problems, poster presentation, MSc dissertation

Start date: September

Intake: 10

Applying: University online application form with transcripts, two references, personal statement, degree certificate, English language results (if applicable)

Closing date: 31 July

Funding: No University scholarships currently available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Employment opportunities in a variety of fields including higher education teaching and research, as well as political, commercial and charitable institutions

PG Dip Cognitive Therapy for Anxiety and Depression

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 5108
Email: cbtadmin@southampton.ac.uk
www.southampton.ac.uk/psychology/cpd/courses.page

This diploma was set up to provide training for Increasing Access to Psychological Therapies (IAPT) high-intensity workers. You will be working in a high-intensity IAPT service and will attend the University for two days a week. It will provide you with a thorough grounding in the principles of cognitive behavioural therapy (CBT) and will teach you the skills and competencies needed to work with clients experiencing anxiety disorders and depression using empirically validated treatments.

Programme structure

Modules: Fundamentals of CBT; CBT for Anxiety Disorders; CBT for Depression

Plus: Clinical work focusing on anxiety and depression, supervised both by University supervisors and practice supervisors based in the IAPT service

Key facts

Entry requirements: Undergraduate degree in psychology or a professional equivalent (if you have a nursing qualification, you must have the equivalent of an undergraduate diploma). You must be employed in an IAPT or equivalent service. Selection is made on the basis of interview and references

Duration: 1 year (part-time)

Assessment: Written experiential exercise, essay of 3,000 words, two oral case presentations, two written case reports, three therapy recordings

Start date: October or May

PG Dip Cognitive Therapy for Severe Mental Health Problems

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 5108
Email: cbtadmin@southampton.ac.uk
www.southampton.ac.uk/psychology/cpd/courses.page

This PG Dip will suit you if you are a mental health professional with approved professional training, a good grasp of the principles of CBT, and a desire to extend your skills to include therapeutic work with complex cases and clinically relevant research. The programme is run in collaboration with the Hampshire Partnership NHS Foundation Trust and is accredited by the British Association for Behaviourial and Cognitive Psychotherapies (BABCP).

Programme structure

Modules: Cognitive Theory and Therapy; Complex Cases and Personality Disorders; Severe Mental Illness and Psychosis

Plus: Practical work experience with people affected by complex difficulties (particularly personality disorders and psychosis); supervision is provided for CBT

Key facts

Entry requirements: Undergraduate degree in psychology or a professional equivalent (if you have a nursing qualification, you must have the equivalent of an undergraduate diploma). You must be working in a mental health setting for the duration of the programme and have at least 1 year's post-qualification experience, which must include knowledge and supervised practice of cognitive therapy. Selection is made on the basis of interview and clinical references

Duration: 1 year (part-time)

Assessment: Review of a journal paper, essays, oral case presentation, written case report, therapy recordings

Start date: October

Intake: 20

Applying: University application form with transcripts, two references, CV detailing CBT experience, personal statement (300–400 words)

Closing date: April

Funding: You are responsible for arranging funding, which is often through your employing organisation

Fees: Information available on request

Careers: Specialist psychological therapist; CBT training

PG Cert Cognitive Therapy for Long-term Health Conditions

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 5108
Email: cbtadmin@southampton.ac.uk
www.southampton.ac.uk/psychology/cpd/courses.page

This programme is designed to facilitate supervised CBT practice as well as offer a curriculum of teaching introducing CBT practice, based around a number of specific chronic physical health problems. This course is set up for people with little or no experience of practising CBT, and is designed to take you to a basic level of CBT competence when treating chronic physical health problems under supervision.

Programme structure

This PG Cert comprises two modules. The first is a stand-alone, five-day introductory course, Introduction to CBT, carrying 20 CATS points if assessed or can be taken as a non-assessed CPD course. The second module, Introduction to CBT with Chronic Physical Health Disorders, comprises 10 taught days over 10 weeks.

Key facts

Entry requirements: Physical health qualification (or equivalent)

Duration: 11 weeks (15 taught days)

Assessment: Behavioural experiment, case study, assessed practice

Start date: March

Intake: 21

Applying: University application form with transcripts, two references, personal statement (300–400 words)

Closing date: End of January

Funding: You are responsible for arranging funding, which can be self-funding or through your employing organisation

Careers: Further CBT training (eg PG Diploma); CBT-informed practice; supervised CBT practice

PG Cert Cognitive Therapy for Mental Health Problems

Postgraduate Admissions Officer
Tel: +44 (0)23 8059 5108
Email: cbtadmin@southampton.ac.uk
www.southampton.ac.uk/psychology/cpd/courses.page

This programme is designed to facilitate supervised CBT practice as well as offer a curriculum of teaching introducing CBT practice, which is based on NHS core competencies. This course is set up for people with little or no experience of practising CBT, and is designed to take you to a basic level of CBT competence when treating anxiety and depression under supervision.

Programme structure

This PG comprises two modules. The first is a stand-alone, five-day introductory course, Introduction to CBT, carrying 20 CATS points if assessed or can be taken as a non-assessed CPD course. The second module, Introduction to CBT with Axis 1 Disorder, comprises 10 taught days over 10 weeks.

Key facts

Entry requirements: Mental health qualification (or equivalent)

Duration: 11 weeks (15 taught days)

Assessment: Behavioural experiment, case study, assessed practice

Start date: September

Intake: 21

Applying: University application form with transcripts, two references, personal statement (300–400 words)

Closing date: End of July

Funding: You are responsible for arranging funding, which can be self-funding or through your employing organisation

Careers: Further CBT training (eg PG Diploma); CBT-informed practice; supervised CBT practice

Social Statistics & Demography

We have an international reputation and research expertise in social statistics and sample survey methods, statistical modelling applied to social policy, and demography.

Contact

Postgraduate research:
Tel: +44 (0)23 8059 2527
Email: st-pgr@socsci.soton.ac.uk

Postgraduate taught:
Tel: +44 (0)23 8059 2629
Email: st-pgi@socsci.soton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/socsci/socstats

Staff publications are listed at **www.southampton.ac.uk/socsci/socstats/staff**

Peter Smith, Director of Southampton Statistical Sciences Research Institute (S3RI) and Professor of Social Statistics

Professor Smith's research interests lie in developing new statistical methodology, including methods for handling non-response and for modelling longitudinal data, and applying sophisticated statistical methods to problems in demography, medicine and health sciences. Current projects include: developing an integrated model for European migration flows; developing models for population growth, which include coherent probabilistic quantification of projection uncertainty; modelling data concerning the third sector; and investigating the uses of paradata (field data) for longitudinal surveys with the aim of improving data collection methods.

Peter says: "Sophisticated statistical models allow us to draw inferences about complex systems from sample data while accounting for the uncertainty and inaccuracies they contain."

p.w.smith@southampton.ac.uk

Amie Kamanda

Amie's MSc Demography is funded by the ESRC.

She says: "My primary interest is in the demography of conflict in Africa. The MSc has given me the opportunity to learn and apply quantitative and qualitative methods and also acquire communication and consultancy skills, which are vital dimensions of academic training. The staff are very approachable, helpful and receptive to student ideas. For example, The Demography of Violence and Conflict working group, initiated by Dr Bijak, has given students and lecturers the valuable opportunity to discuss issues from an emerging field. Studying demography at Southampton has allowed me to harmonise my research interests and to prepare for doctoral research."

Social Statistics & Demography

Academic staff: 22

Postgraduate research students: 50

Postgraduate taught students: 50

RAE rating: Both demography and social statistics at Southampton ranked highly in the 2008 RAE. As part of Social Policy and Administration (with gerontology and sociology), demography ranked third in the country, and social statistics ranked ninth in Statistics and Operational Research (with mathematics)

Location: Highfield Campus

Internal links: Centre for Global Health, Population, Poverty and Policy; Centre for Research on Ageing (CRA); Centre for Sexual Health Research; Courses in Applied Social Surveys; ESRC National Centre for Research Methods; Electronics & Computer Science (ECS); Mathematics; Health Sciences; Southampton Statistical Sciences Research Institute (S3RI)

External links: Department for International Development; Office for National Statistics; Social Survey Questions Bank (University of Surrey)

Resources: Networked workstations; dedicated computer laboratory with the latest statistical software; IT support

We play a key role in the ESRC National Centre for Research Methods, located on campus. The aim of our research is to develop statistical and demographic methodology, with a commitment to applications in the social sciences.

Research areas

www.southampton.ac.uk/socsci/socstats/research

Demography

Contact: Professor Nyovani Madise
Email: n.j.madise@southampton.ac.uk

We focus on the following themes: demographic data and methods; fertility, sexual and reproductive health and child health in developing countries; fertility, the family and family planning in the UK; marriage and partnership; historical demography; living standards and poverty; and migration.

Sample Survey Theory and Methods

Contact: Professor Danny Pfeffermann
Email: d.pfeffermann@southampton.ac.uk

Current research interests include: the application of robust methods for statistical data editing and imputation for missing and incorrect data in sample surveys and censuses; efficient, robust methods for sample weighting and the computation of associated confidence intervals in surveys using complex designs; foundational issues associated with the analysis of sample data collected via complex sampling methods; the investigation of measurement error and non-ignorable non-response on survey data analyses; issues of confidentiality associated with release of unit record data from official surveys; methods of small-area estimation based on mixed spatial and temporal models for small-area effects; and variance estimation for sample surveys in the presence of non-response imputation.

Statistical Modelling

Contact: Professor Peter Smith
Email: p.w.smith@southampton.ac.uk

We have long-standing interests in generalised linear models, multilevel modelling, survival analysis, contingency tables and graphical models. Current research includes work on: non-ignorable non-response models; imputation and inference in the presence of misclassification; and developing multilevel models for discrete-time and discrete-choice data.

Staff

Dr Fiifi Amoako Johnson, Dr Claire Bailey, Dr Yves Berger, Dr Ann Berrington, Dr Jakub Bijak, Dr Andrew 'Amos' Channon, Dr Gabriele Durrant, Professor Jane Falkingham, Dr Andrew HInde, Dr David Holmes, Professor Nyovani Madise, Professor Zoë Matthews, Professor Máire Ní Bhrolcháin, Dr Sabu Padmadas, Professor Danny Pfeffermann, Dr James Raymer, Dr Sylke V Schnepf, Dr Natalie Shlomo, Professor Chris Skinner, Professor Peter Smith, Professor Patrick Sturgis, Dr Nikolaos Tzavidis

Research programmes

PhD

Contact:
Tel: +44 (0)23 8059 2527
Email: st-pgr@socsci.soton.ac.uk

You will plan your research in year one and undertake training in specific research skills and methods. During years two and three you will conduct your research, including field-based research where applicable. You will give two seminars at the University during your studies, and will be encouraged to present your work at national and international conferences.

Key facts

Entry requirements: Masters degree in a relevant subject, or equivalent (occasionally candidates are admitted with a first- or upper second-class honours degree)

Duration: 3–4 years (full-time); up to 7 years (part-time)

Assessment: Upgrading seminar from MPhil to PhD; PhD viva voce

Start date: September (but possible throughout the year)

Intake: 10

Applying: University application form with transcripts, research proposal

Closing date: None, but early application advised

Funding: ESRC studentships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Some fieldwork costs may apply, if not covered by your funding. You will receive an annual allowance for photocopying and normal printing facilities, but may need to meet additional costs

Careers: Academic research; government organisations; market research; recent graduates hold lectureships at top UK universities, are senior officers at UN agencies and government statisticians

European PhD Socio-economic and Statistical Studies

Contact: Dr Andrew Hinde
Tel: +44 (0)23 8059 3419
Email: andrew.hinde@southampton.ac.uk
www.southampton.ac.uk/socsci/socstats/study/pg/europhd.html

This programme provides an opportunity to carry out part of your PhD studies at one or two of a group of partner European universities.

Taught programmes

MSc/PG Dip Demography

Admissions Tutor: Dr Nikolaos Tzavidis
Tel: +44 (0)23 8059 2629
Email: st-pgi@socsci.soton.ac.uk

This ESRC-recognised programme provides you with interdisciplinary study skills in the field of population science and the analysis of demographic phenomena. You will learn about population change, its relationship to policy, and how to analyse population dynamics. This general MSc provides vocational training for those wishing to enhance their demographic skills, and prepares students for an applied or research career.

The programme satisfies ESRC postgraduate training course requirements. You will register initially on the PG Dip and, depending on your success and requirements, may continue to work towards the MSc.

Programme structure

Compulsory modules: Demographic Methods 1 and 2; Introducing Qualitative Methods; Population, Poverty and Policy; Population Projections; Research Skills Strategy and Design; Survey Data Analysis; Survey design; Understanding Population Change

Option modules: Ageing and Globalisation; Demographic Change; Migration; Modelling Multilevel Data; Population and Fertility; Reproductive Health; Social Science Data, Sources and Measurement

Key facts

Entry requirements: Good second-class honours degree or equivalent

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework and/or examination

Start date: September

Intake: 10–15

Applying: University application form with transcripts

Closing date: None, but early application advised

Funding: ESRC studentships and University scholarships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: International civil service and NGOs; local and national government; market research and consultancy fields; planning; public health analysis; research and academic organisations

MSc/PG Dip/PG Cert Official Statistics

Admissions Tutor: Dr Natalie Shlomo
Tel: +44 (0)23 8059 5780
Email: st-pgi@socsci.soton.ac.uk
www.southampton.ac.uk/moffstat

This part-time programme provides the specialist skills and knowledge central to the conduct of professional statistical work in government. It is particularly suitable if you are employed in the UK Government Statistical Service or equivalent organisations overseas.

Programme structure

The modular structure allows you to tailor your scheme of study to other commitments. Once you have successfully completed 16 instructional modules for your diploma, you may progress to work on your dissertation for the MSc. International students usually complete the diploma in two years, while UK-based students usually take four years. You can also obtain a Certificate in Official Statistics if you successfully complete eight instructional modules. Teaching takes place at the University and at the Office for National Statistics in London or Newport.

Key facts

Entry requirements: Good second-class honours degree or equivalent from a recognised institution

Duration: 2–4 years (part-time)

Assessment: Coursework and/or examination

Start date: September

Intake: 10–15

Applying: University application form with transcripts

Closing date: None, but early application advised

Funding: Most students are funded by their employer

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: International NGOs; local and national government; research and academia; statistical agencies

MSc/PG Dip Social Statistics (Research Methods)

Admissions Tutor: Dr Nikolaos Tzavidis
Tel: +44 (0)23 8059 2629
Email: st-pgi@socsci.soton.ac.uk

This programme trains you in the theory and methods of social statistics, exposing you to cutting-edge social statistical practice, to prepare you for carrying out research in the social sciences. It has a particular focus on survey design and analysis, statistical modelling of complex data and demographic methods.

The programme satisfies ESRC postgraduate training course requirements. You will register initially on the PG Dip and, depending on your success and requirements, may continue to work towards the MSc.

Programme structure

Compulsory modules: Demographic Methods 1; Introductory Qualitative Methods; Modelling Longitudinal Data; Modelling Multilevel Data; Research Skills, Strategy and Design; Social Science Data: Sources and Measurement; Survey Design; Survey Data Analysis or Generalised Linear Models

Option modules: Bayesian Methods; Computer-Intensive Statistical Methods; Demographic Methods 2; Design of Experiments; Epidemiological Methods; Measurement Errors; Multivariate Analysis; Population, Poverty and Policy; Survival Analysis; Understanding Population Change

Plus: Dissertation (12,500–15,000 words: MSc only)

Key facts

Entry requirements: Good second-class honours degree or equivalent

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework and/or examination

Start date: September

Intake: 15 (total for both pathways)

Applying: University application form with transcripts

Closing date: None, but early application advised

Funding: ESRC studentships and University scholarships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: International NGOs; local and national government; market research; research and academia; statistician

MSc/PG Dip Social Statistics (Statistics)

Admissions Tutor: Dr Nikolaos Tzavidis
Tel: +44 (0)23 8059 2629
Email: st-pgi@socsci.soton.ac.uk

This programme trains you in the theory and methods of social statistics, exposing you to cutting-edge social statistical practice, to prepare you for carrying out research in the social sciences. It has a particular focus on statistical methodology and the underlying theory, equipping you with the skills to undertake research in social statistics methodology or a career as a professional social statistician.

The programme satisfies the ESRC postgraduate training course requirements. You register initially on the PG Dip and, depending on your success and requirements, can continue to work towards the MSc. The pathway meets the training needs of postgraduate researchers in social statistics methodology.

Programme structure

Compulsory modules: Generalised Linear Models; Modelling Longitudinal Data; Modelling Multilevel Data; Multivariate Analysis; Research Skills, Strategy and Design; Social Science Data: Sources and Measurement; Survey Design; Survey Methods 1 and 2

Option modules: Bayesian Methods; Computer-Intensive Statistical Methods; Demographic Methods 1 and 2; Design of Experiments; Epidemiological Methods; Introductory Qualitative Methods; Measurement Errors; Population, Poverty and Policy; Survival Analysis; Understanding Population Change

Plus: Dissertation (12,500–15,000 words: MSc only)

Key facts

Entry requirements: Good second-class honours degree or equivalent

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework and/or examination

Start date: September

Intake: 15 (total for both pathways)

Applying: University application form with transcripts

Closing date: None, but early application advised

Funding: ESRC studentships and University scholarships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: International NGOs; local and national government; market research; research and academia; statistician

Social Work Studies

We have a long history of offering high-quality social work education and continuing professional development (CPD) programmes.

Contact

Postgraduate research:
Tel: +44 (0)23 8059 2527
Email: sw-pgr@socsci.soton.ac.uk

Postgraduate taught:
Social Work: Tel: +44 (0)23 8059 2629
Professional Studies: Tel: +44 (0) 23 8059 5780
Email: sw-pgi@socsci.soton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/socsci/sws

Staff publications are listed at
www.southampton.ac.uk/socsci/sws/staff

Kish Bhatti-Sinclair

Kish Bhatti-Sinclair's research interests include ethics and social welfare. Her work on race and racism in social work has a national profile.

Kish explains: "Ethnicity, culture and identity are central to our understanding of social relations with family, friends and those we work with. My work aims to offer further insights and ideas on processes which enable the positive development of human interaction across and between racial and ethnic divides."

Judith Milton

After a first degree in education, which she took part-time while working in a school, Judith is now studying for an MSc Social Work.

She says: "I have loved the course at Southampton. As it is all about people, I have learnt so much about myself, my friends and family. I have particularly enjoyed learning about mental health and the reasons why people do what they do, act as they act. Reflecting on and questioning my personal values and ethics in the course has been challenging but I have unquestionably become stronger and more confident. On day one, my academic tutor said that this course can be life-changing. It certainly has been for me."

Social Work Studies

Academic staff: 9

Postgraduate research students: 5

Postgraduate taught students: 110

RAE rating: An encouraging RAE result, with 35 per cent of publications recognised as 'internationally excellent' and 60 per cent of research as 'internationally recognised'

Location: Highfield Campus

Internal links: Higher Education Academy Social Policy and Social Work Subject Centre (SWAP); International Association of Schools of Social Work; International Federation of Social Workers

External links: ESRC National Centre for Research Methods, Social Work Reform Board

Resources: Dedicated research IT networks; research students are provided with PCs and office space; masters students have access to workstations and internet café facilities

Centres: Centre for Human Service Technology; Child Wellbeing Research Centre (CWBRC)

We have a lively research culture focusing on child wellbeing. The main conduit for this research is the Child Wellbeing Research Centre (CWBRC).

Research centres

Child Wellbeing Research Centre (CWBRC)

www.southampton.ac.uk/childwellbeing

We aim to progress understanding of child and family wellbeing across the lifespan and are committed to developing international comparative research in this field. The Centre is the focus for collaborative research initiatives, national and international seminars and emergent research networks.

Staff

Kish Bhatti-Sinclair, Shirley Jackson, Helen Carmichael, Lucy Jordan, Cathy Murray, Patrick O'Leary (Centre Director), Jackie Rafferty, Gillian Ruch, June Tilling

Research programmes

PhD

Contact:
Tel: +44 (0)23 8059 2527
Email: sw-pgr@socsci.soton.ac.uk

Our research students are funded from a diverse range of sources, including the ESRC (1+3 awards) and the EPSRC, as part of the DTI Futures Programme, as well as local authorities, voluntary agencies and health authorities.

You will be provided with a supervisory tutor and will be actively encouraged to present at major conferences, and subsequently to submit papers to peer-reviewed journals.

Key facts

Entry requirements: Normally an honours degree or equivalent; applicants without an undergraduate degree will be considered on an individual basis

Duration: 3–4 years (full-time); up to 7 years (part-time)

Assessment: Upgrading seminar from MPhil to PhD; PhD viva voce

Start date: September

Intake: 5

Applying: University application form with transcripts, research proposal

Closing date: None, but early application advised

Funding: ESRC studentships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Some fieldwork costs may apply, if not covered by your funding. You will receive an annual allowance for photocopying and normal printing facilities, but may need to meet any additional costs

Careers: Social work sector

Find out more: **www.southampton.ac.uk/socsci/sws**

Taught programmes

MSc/PG Dip Social Work

Contact:
Tel: +44 (0)23 8059 2629
Email: sw-pgi@socsci.soton.ac.uk

Social work is all about people. If you are quick-thinking, thorough, persuasive, interested in people and absolutely committed to achieving what you set out to do, then you may have what it takes to make a difference.

A career in social work is demanding, but extremely rewarding. As a social worker you will work alongside nurses, teachers, physiotherapists and other professionals, in a responsible position which requires training and professionalism.

We offer a two-year, full-time postgraduate social work programme, which combines theoretical learning with 200 days of assessed practice in a range of settings. Our programme provides education and training for those wishing to work as practitioners in a variety of social work settings. It is recognised by the General Social Care Council (GSCC) for professional employment in social services and other social work agencies in the UK.

Programme structure

Compulsory modules: Human Growth and Mental Health; Interprofessional Development in Practice; Legal Frameworks for Practice: Adult Law; Legal Frameworks for Practice: Childcare Law; Social Work with Adults; Social Work with Children and Families; The Professional Social Worker; Values, Ethics and Empowering Practice; Reflecting on Social Work, Identity and Relationships; Research on Social Work; Second Practice Learning Opportunity; Social Work Skills

Plus: Practice curriculum: you will spend 200 days gaining required experience and learning in a range of settings

Plus: Dissertation (12,000 words)

Key facts

Entry requirements: First- or second-class honours degree or equivalent, normally in a social science subject; GCSE English and mathematics, grade C or equivalent; 6 months' paid or voluntary experience in social work/related agencies; Criminal Records Bureau disclosure and health check

Duration: 2 years (full-time)

Assessment: Coursework

Start date: September

Intake: 80

Applying: Applications should be made as early as possible after 1 September to UCAS (www.ucas.ac.uk) using course code L508 and university code S27

Closing date: 15 January

Funding: NHS bursary for students resident in England and Wales (email swb@ppa.nhs.uk or go to **www.ppa.org.uk/swb**)

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: Social work

MSc/PG Dip/PG Cert Professional Studies

Contact:
Tel: +44 (0)23 8059 2629
Email: sw-pgi@socsci.soton.ac.uk

This innovative programme is designed for experienced practitioners and managers working in public, voluntary and private sector settings who are engaged in service delivery to the public. Its interprofessional and interdisciplinary character is particularly relevant to those working in current contexts of interagency corporate responsibility and multiprofessional practice.

The aim of this programme is to critically examine the relationship between professional practice and research in the context of contemporary national and international policy and organisational change.

The programme offers two specialist pathways:

– Leadership and Management

– Practice Education

Leadership and Management

The Leadership and Management pathway allows students to undertake advanced study of public service organisations, their management and the changing external context in which they operate. It provides preparation for and/or development of a career in the public or voluntary sectors by developing skills at a professional or equivalent level. The programme also prepares students for research or further study in the area, helping them develop the ability to apply knowledge and understanding of management and

leadership to complex issues in public service delivery, both systematically and creatively. Lifelong learning skills and personal and professional development are enhanced, enabling individuals to work with self-direction and originality, positively contributing to public sector and voluntary organisations and society at large.

The programme is validated by the General Social Care Council, so UK qualified social workers are able to obtain the GSCC Post Qualifying and Advanced Social Work Awards in Leadership and Management in addition to the University's academic awards. Applicants who are not registered social workers are awarded the University's postgraduate academic awards (Certificate/Diploma/MSc) on successful completion of the programme.

Programme structure

Compulsory modules: Leadership, Management and Governance; Managing People, Performance and Resources; Managing Risk, Leading Change; Reflective Practice in Professional Contexts; Research and Evaluation; Strategic Leadership and Social Marketing

Plus: Dissertation (12,000–15,000 words)

Practice Education

This pathway offers a broad-based examination of management and practice issues in relation to teaching and learning in the workplace. A central theme is the critical analysis of practice and the development of evidence-informed educational practice that supports positive change and the development of management, teaching, supervision and assessment skills.

Programme structure

Compulsory modules: Contemporary Policy Developments in Practice Education; Leadership and Management in Practice Education; Reflective Practice in Professional Contexts; Research and Evaluation; Teaching and Assessment Methods – Theory and Practice; either Leadership, Management and Governance or Managing People, Performance and Resources.

Plus: Dissertation (12,000–15,000 words)

Short courses

In addition to our taught postgraduate courses, it is possible to study our Professional Studies modules individually, as short courses. These can either be studied for continuing professional development (CPD) or, if multiple modules are studied, it may be possible to achieve a University or GSCC award.

Modules are usually taught over an intensive five-day period, allowing you to combine study with employment. The modules are at postgraduate level and you will be awarded 20 CATS points per module successfully completed.

Key facts

Entry requirements: Graduates and/or those professionals qualified to a minimum of Dip/HE level, with 2 years' post-qualifying experience. There are additional entry requirements dependent on the pathway chosen

Duration: MSc/PG Dip: 1 year (full-time) or 2 years 6 months (part-time); PG Cert: 1 year (part-time); PG Cert Leadership and Management pathway only: up to 2 years (distance learning)

Assessment: Compulsory modules and selected specialist modules are assessed by 3,000-word essays

Start date: September

Intake: 30

Applying: University application form with transcripts

Closing date: 31 July

Funding: **www.southampton.ac.uk/socsci/funding**

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: Public, voluntary and community sectors

Sociology & Social Policy

We are among the leading research groupings of our type in the UK, and enjoy an international reputation for high-quality research.

Contact

Postgraduate research degrees:
Tel: +44 (0)23 8059 2527
Email: ss-pgr@socsci.soton.ac.uk

Postgraduate taught degrees:
Tel: +44 (0)23 8059 2629
Email: ss-pgi@socsci.soton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/sociology

Staff publications are listed at
www.southampton.ac.uk/socsci/sociology/staff

Professor Susan Halford

Professor Halford's research interests centre on working lives and organisational practices, particularly in the context of social and organisational change. She has an international reputation for her work on gender, careers and organisation and is regularly invited to speak at conferences and events around the world.

Susan says: "My most recent work has focused on the introduction of new information and communication technologies at work, and includes research on telemedicine, healthcare information systems and the use of computer decision support systems in handling calls to 999. Other projects are exploring the development of a new nanotechnology device for blood testing and the use of new technologies by older healthcare workers." Susan is a founding member of the cross-disciplinary Work Futures Research Centre (**www.southampton.ac.uk/wfrc**).

susan.halford@southampton.ac.uk

Sociology & Social Policy

Academic staff: 21

Postgraduate research students: 20

Postgraduate taught students: 20

RAE rating: Sociology and social policy were ranked third overall in the country (in Social Policy and Administration) in the 2008 RAE

Location: Highfield Campus

Links: Centre for Citizenship, Globalisation and Governance, Centre for Population Change; Centre for Research on Ageing (CRA); ESRC National Centre for Research Methods; History; Geography; Health Sciences; Third Sector Research Centre; Web Science Doctoral Training Centre; Work Futures Research Centre

External links: Economic and Social Research Council (ESRC); European Union Fifth Framework; Norwegian Centre for Telemedicine; World Universities Network (WUN)

Resources: Dedicated research IT networks; research students are provided with PCs and office space; masters students have access to workstations and internet café facilities

Our interests are wide-ranging, and we are renowned for combining the study of social theory and social processes with empirical analysis.

Research areas

Comparative Sociology and Social Policy

We are concerned with the ways that different societies across time and space make provisions against social risks, and the relationship between social, economic and political changes and policy development.

Staff

Dr Paul Bridgen, Dr Milena Büchs, Professor Graham Crow, Dr Carol Davis, Professor Bernard Harris, Dr Traute Meyer, Dr Nick Rayner, Dr Charlie Walker

Criminology

We are concerned with a range of issues, which we approach from diverse theoretical and methodological perspectives. We are exploring the following areas: prisons and resettlement; mentally disordered offenders; youth and community justice; hate crime; community safety; criminological theory; and war and crime.

Staff

Mr David Graham, Professor Derek McGhee, Dr Rosie Meed, Dr Craig Webber

Health and Social Care

Our research builds on a historical and comparative approach to social policy, and is concerned primarily with the history of the health/social care divide and its determinants, the delivery of health and social care services in contemporary Britain, and the public and private mix of healthcare in Britain and elsewhere.

Staff

Dr Paul Bridgen, Professor Susan Halford, Professor Bernard Harris, Professor John Mohan

History and Theory of Social Policy and Social Welfare

We are concerned with the development of social policy, the history of the welfare state, theoretical and conceptual analyses of the processes of change in policy making and welfare provision, and different ways of measuring the health and morbidity of past generations.

Staff

Dr Paul Bridgen, Dr Milena Büchs, Professor Bernard Harris, Dr Traute Meyer, Professor John Mohan, Dr Pauline Leonard, Dr Silke Roth

Research Methods and Methodological Innovation

We have interests in a range of methodological approaches and innovations. We host the ESRC National Centre for Research Methods, with which several of our members are actively engaged.

Staff

Dr Paul Bridgen, Professor Graham Crow, Dr Ros Edwards, Professor Susan Halford

Sexualities, Gender and Ethnicities

Our current work addresses a diverse set of topics in connection with social difference and its relation to issues of identity, power and policy. There is a wide range of opportunities for research in the areas of gender, ethnicity, migration and sexualities.

Staff

Dr Carol Davis, Professor Susan Halford, Dr Pauline Leonard, Professor Derek McGhee, Dr Pathik Pathak, Dr Nick Rayner, Dr Silke Roth, Dr Bindi Shah

Social Change, the Life-course and Community Relationships

We have active research interests in a wide range of areas concerned with processes of change at societal, group and individual levels. We welcome applications to explore aspects of change in addition to those listed below.

Staff

Professor Graham Crow, Dr Ros Edwards, Dr Pauline Leonard, Professor Derek McGhee, Dr Traute Meyer, Dr Pathik Pathak, Dr Nick Rayner, Dr Silke Roth, Dr Bindi Shah, Dr Jeff Vass, Dr Charlie Walker

Work and Organisations

Our work builds on the reputation of Sociology & Social Policy for research on the changing nature of paid and unpaid employment, linking this with debates in the areas of sexuality, gender, space, race and cultural theory.

Staff

Professor Susan Halford, Dr Pauline Leonard, Professor John Mohan, Dr Pathik Pathak, Dr Jane Prichard, Dr Silke Roth

Research programmes

PhD

Contact: See main details, page 212

www.southampton.ac.uk/socsci/sociology/study/pgr

You will be supervised by one or more academics with related research interests; a wider supervisory team will oversee your progress. Students normally register initially for an MPhil degree, with upgrade to PhD (subject to satisfactory progress) towards the end of year two (full-time), or in years three or four (part-time). You will be expected to undertake appropriate research training sessions organised by us.

You will be encouraged to play a full part in our activities, including a regular programme of seminars with visiting speakers, and research workshops where you will have the opportunity to present your work and discuss common issues in a more informal atmosphere. We will also encourage you to attend conferences and workshops elsewhere. If you do not have a research grant to cover the costs, you may apply for financial assistance.

Key facts

Entry requirements: Masters degree in a relevant subject, or equivalent (a good honours degree will be considered)

Duration: 3–4 years (full-time); up to 7 years (part-time)

Assessment: Upgrading seminar from MPhil to PhD; PhD viva voce

Start date: September

Intake: 7

Applying: University application form with transcripts, research proposal

Closing date: None, but early application advised

Funding: ESRC, University studentships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Some fieldwork costs may apply, if not covered by your funding. You will receive an annual allowance for photocopying and normal printing facilities, but may need to meet any additional costs

Careers: Academic posts; research in government, private and not-for-profit sectors; research organisations

Taught programmes

Key facts for all taught programmes

Tel: +44 (0)23 8059 2527

Email: ss-pgi@socsci.soton.ac.uk

Entry requirements: First- or upper second-class honours degree or equivalent in a relevant discipline

Duration: 1 year (full-time); 2 years (part-time)

Assessment: Coursework; dissertation (MSc only)

Start date: September

Intake: 15–20

Applying: University application form with transcripts

Closing date: None, but early application advised

Funding: ESRC studentships and University scholarships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Printing and photocopying

Careers: Public, private and voluntary sector organisations; research in local/national government; teaching; police

Find out more: **www.southampton.ac.uk/socsci/sociology/study/pgt**

MSc/PG Dip Sociology and Social Research

www.southampton.ac.uk/socsci/sociology/study/pgt/sociology.html

This ESRC-accredited programme offers advanced conceptual and methodological training in sociological research and analysis. In addition to providing you with the skills to conduct research in a variety of professional contexts, it provides an excellent basis for PhD studies. The course will enable you to formulate research questions in specific research contexts, select and use appropriate methods of data collection and analysis, manipulate and critically evaluate key concepts and issues, and present results in a systematic way. It will provide you with the opportunity to explore particular areas of interest in your specialist project modules (from a range of options reflecting key areas of staff interest and expertise) and in your dissertation (MSc only), and also explores the ethical, political and social contexts in which research is framed and conducted.

Programme structure

Core modules: Understanding Modernity; Understanding Social Change; Philosophy, Methodology and Research Design; Design and Statistical Analysis of Surveys; Qualitative Methods; Project Modules 1 and 2 (from a range of specialist options)

Plus: Dissertation (MSc only)

MSc/PG Dip Social Policy and Social Research

www.southampton.ac.uk/socsci/sociology/study/pgt/socialpolicy.html

This ESRC-accredited programme offers advanced conceptual and methodological training in social policy, research and analysis. In addition to providing you with the skills to conduct research in a variety of professional contexts, it provides an excellent basis for PhD studies. The course will enable you to formulate research questions in specific research contexts, select and use appropriate methods of data collection and analysis, manipulate and critically evaluate key concepts and issues, and present results in a systematic way. It will provide you with the opportunity to explore particular areas of interest in your specialist project modules (from a range of options reflecting key areas of staff interest and expertise) and in your dissertation (MSc only), and explores the ethical, political and social contexts in which research is framed and conducted.

Programme structure

Core modules: Key Debates in Social Policy; The Mixed Economy of Welfare Delivery; Philosophy, Methodology and Research Design; Design and Statistical Analysis of Surveys; Qualitative Methods; Project Modules 1 and 2 (from a range of specialist options)

Plus: Dissertation (MSc only)

MSc/PG Dip Sociology and Social Policy

www.southampton.ac.uk/socsci/sociology/study/pgt/sociologysocpol.html

This programme will enable you to combine advanced-level training in sociology and social policy. The three available pathways – Quantitative, Qualitative and Substantive – mean that it also offers greater flexibility than the programmes in either social policy or sociology in terms of choice of modules, including the balance between quantitative and qualitative methods. The course will enable you to formulate research questions in specific research contexts, select and use appropriate methods of data collection and analysis, manipulate and critically evaluate key concepts and issues, and present results in a systematic way. It will provide you with the opportunity to explore particular areas of interest in your specialist project modules (from a range of options reflecting key areas of staff interest and expertise) and in your dissertation (MSc only), and provides an excellent basis for research in a variety of professional contexts.

Programme structure

Modules from (depending on pathway): Understanding Modernity; Key Debates in Social Policy; Understanding Social Change; The Mixed Economy of Welfare Delivery; Philosophy, Methodology and Research Design; Design and Statistical Analysis of Surveys; Qualitative Methods; Project Modules 1 and 2 (from a range of specialist options)

Plus: Dissertation (MSc only)

Southampton Statistical Sciences Research Institute (S3RI)

S3RI is an international centre for research excellence.

Contact

Mathematics research programmes:
Tel: +44 (0)23 8059 7385
Email: maths-pgenquiry@southampton.ac.uk

Social Statistics research programmes:
Tel: +44 (0)23 8059 5465
Email: st-pgr@socsci.soton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/s3ri

Steven Gilmour, Professor of Statistics

Professor Gilmour's interests lie in the design and analysis of experiments, particularly factorial designs, response surface methodology, model selection and nonlinear mixed models. This research is motivated by applications in a range of industries and sciences, or any area involving experimentation. His research currently focuses on measuring dispersion of nanoparticles in composite materials, experiments on social networks, and industrial experiments with factors that are hard to change.

"Steven says: "It is very rewarding when theoretical work involving interesting methodological developments is used in applications to improve products or processes,with visible results which can sometimes even be seen on supermarket shelves."

s.gilmour@southampton.ac.uk

Natalie Staplin

Natalie first became interested in survival analysis in her final year as a Southampton undergraduate. She knew then that she wanted to extend her studies in biostatistics.

She explains: "The project that I am doing with NHS Blood and Transplant appealed to me because of the future real-life applications of my research. I am so glad I continued my studies here – there is such a friendly and supportive atmosphere. There have been many opportunities to attend courses and conferences in advanced topics in statistics. I recently presented my work on stochastic modelling techniques and data analysis at an international conference in Crete, which enabled me to network with researchers from around the world."

Southampton Statistical Sciences Research Institute (S3RI)

RAE rating: 2.75

Location: Highfield Campus

Internal links: Chemistry; Health Sciences; Mathematics; Medicine; Social Sciences; Southampton General Hospital

External links: International links with major universities in Europe, North America and Asia; links with government agencies (eg UK Office for National Statistics, US Bureau of Labour Statistics); various links with the pharmaceutical, engineering and manufacturing industries

Resources: A high-performance computing facility dedicated to statistics research; a secure data laboratory; a fully equipped teaching laboratory for advanced courses, with over 30 workstations and audiovisual equipment; meeting rooms/office space for visiting researchers

We are an institute which coordinates and supports the research of statisticians and demographers in Social Sciences, Mathematics, Medicine and Health Sciences. The University is a founding member of the UK Academy for PhD Training in Statistics (**www.apts.ac.uk**).

Research areas

Biostatistics

Programme Coordinator: Dr Alan Kimber
Tel: +44 (0)23 8059 5124
Email: a.c.kimber@southampton.ac.uk
www.southampton.ac.uk/s3ri/research/biostatistics

Our research covers the development and application of statistical methods in medicine and related areas. Current methodological strengths are survival analysis, capture–re-capture, meta-analysis, multiple comparisons, and clinical trials. Major application areas include organ transplantation, nutrition and chronic disease. We also have links with the MRC Epidemiology Resource Centre.

Design and Analysis of Experiments

Programme Coordinator: Professor Steven Gilmour
Tel: +44 (0)23 8059 3671
Email: s.gilmour@southampton.ac.uk
www.southampton.ac.uk/doe

Our research includes both theoretical and applied statistics, and benefits from a variety of cross-disciplinary links, particularly in engineering, science and medicine, and collaborations with manufacturing and pharmaceutical industries. Particular areas of interest include: Bayesian design and analysis; screening experiments; optimal design for linear and nonlinear models; industrial experiments; and multiple comparisons and simultaneous inference.

Policy and Evaluation

Programme Coordinator: Dr Sabu Padmadas
Tel: +44 (0)23 8059 4382
Email: s.padmadas@southampton.ac.uk
www.southampton.ac.uk/s3ri/research/policy

Our current activities cover a range of research projects funded by national and international agencies, addressing contemporary policy issues. These include: fertility, family and households; learning achievement and literacy in the Organization for Economic Cooperation and Development; poverty (eg in eastern Europe and Africa); reproductive health in China; and migration for the UK and Europe.

Sample Survey and Official Statistics

Programme Coordinator: Professor Danny Pfefferman
Tel: +44 (0)23 8059 6689
Email: d.pfefferman@southampton.ac.uk
www.southampton.ac.uk/s3ri/research/surveys

Our research topics range from theoretical research on statistical inference in survey sampling to a wide range of applied aspects of the methodology of censuses and surveys. Our current research applications include: calibration weighting; design and estimation for census under-enumeration; edit and imputation methodology; measurement error adjustment; non-response treatment; small area estimation; statistical disclosure risk assessment; time-series methods applied to survey estimation; and variance estimation for complex surveys.

Statistical Modelling and Computation

Programme Coordinator: Professor Jon Forster
Tel: +44 (0)23 8059 5130
Email: j.j.forster@southampton.ac.uk
www.southampton.ac.uk/s3ri/research/modelling

Our work incorporates research in generic statistical methodology and applications involving statistical modelling in science, engineering and the social sciences. Particular areas of interest include: Bayesian inference; modelling developments for space–time data; generalised linear models and categorical data analysis; longitudinal data analysis; MCMC computation; methodology for measurement error and missing data; and multivariate analysis and graphical models. Our current application areas of interest include climatology, demography, engineering, meteorology, the environment and medicine.

Research programmes

You should make your application through one of the following routes:

PhD Mathematics

Postgraduate Administrator
Tel: +44 (0)23 8059 7385
Email: maths-pgenquiry@southampton.ac.uk
www.southampton.ac.uk/s3ri/pgstudies

Key facts

Entry requirements: First-class BSc honours degree or masters degree in a relevant subject, or equivalent

Duration: 3–4 years (full-time); 4–7 years (part-time)

Assessment: Thesis

Start date: Throughout the year

Intake: 10–15

Applying: University application form with transcripts, research proposal

Closing date: None, but funding decisions for applicants will be made from mid-March. An open day will be held on Wednesday 1 February 2012

Funding: Postgraduate studentships available for well-qualified students

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Careers: Government statistical service; industry; lectureships and postdoctoral positions in universities in the UK and overseas; medical research

Find out more: **www.southampton.ac.uk/s3ri/pgstudies**

PhD Social Statistics

Research enquiries
Tel: +44 (0)23 8059 3048
Email: st-pgr@socsci.soton.ac.uk
www.southampton.ac.uk/socsci/socstats/research

Key facts

Entry requirements: Masters degree in a relevant subject, or equivalent (occasionally candidates are admitted with a first- or upper second-class honours degree)

Duration: 3–4 years (full-time); up to 7 years (part-time)

Assessment: Upgrading thesis and seminar from MPhil to PhD; PhD thesis and viva voce

Start date: October (but possible throughout the year)

Intake: 8

Applying: University application form with transcripts, research proposal

Closing date: None, but early application advised

Funding: ESRC studentships may be available

Fees: **www.southampton.ac.uk/pgfeesandfunding**

Additional costs: Some fieldwork costs may apply, if not covered by your funding. You will receive an annual allowance for photocopying and normal printing facilities, but may need to meet any additional costs

Careers: Academic research; government organisations; market research. Recent graduates hold lectureships at the London School of Hygiene and Tropical Medicine, and the London School of Economics

WInchester School of Art (WSA)

Winchester School of Art is an international centre for ideas, addressing the pressing issues of our time through art and design practice and research.

Contact

Admissions Coordinator:
Tel: +44 (0)23 8059 6918
Email: wsaenquiries@southampton.ac.uk

Please visit our website for the latest information, our research interests and the postgraduate programmes available

www.southampton.ac.uk/wsa

Our brochure and research anthology are available from askwsa@southampton.ac.uk

Staff publications are listed at
http://wsa.soton.ac.uk/our-staff

Sean Cubitt, Professor of Global Media and Communications

Professor Cubitt researches the political economy and aesthetics of old and new media technologies. He has wide experience in academia, journalism and the arts in the UK, Canada, Australia and New Zealand. Sean's publications include *Digital Aesthetics*, *The Cinema Effect* and *EcoMedia*. He is series editor of Leonardo Books for MIT Press, and is on the boards of a dozen international journals, including *Screen*, *Third Text*, *Cultural Politics*, *Futures* and the *International Journal of Cultural Studies*.

Sean says: "The new research centre at Winchester gives us a unique opportunity to study the single most important feature of globalisation: the media that stitch economies, societies and cultures together, how they got to be this way, and how to change them."

Gergana Plummer

After graduating with an MA Communication Design from Winchester School of Art, Gergana was offered the opportunity to teach at a Chinese university which collaborates with WSA.

"It was an exciting job – not just professionally speaking but also culturally and socially. Now, after two years, I am still in China, living and working in Shanghai as a senior designer/art director for PaperStoneScissors, an Australian design studio. Asia is a place of rapid growth and constant change and evaluation. It has given me the opportunity to work with people from many different backgrounds and develop projects for major companies from all over the world."

Winchester School of Art (WSA)

Academic staff: 68

Postgraduate research students: 17

Postgraduate taught students: 227

RAE rating: 2.00

Location: Winchester Campus

Internal links: Institute of Sound and Vibration Research (ISVR); Education; Electronics & Computer Science (ECS); Engineering Sciences; Humanities; Medicine; Psychology; Social Sciences; University Libraries Special Collections

External links: Beijing University, Chulalongkorn University, Changshu Institute of Technology, Chinese University of Hong Kong; Dalian Polytechnic University; Guangzhou Academy of Fine Arts; Hong Kong Polytechnic University; Jiangnan University; Luxun Academy of Fine Art; Montero; Mudra Institute of Communications, Ahmedabad; National Institute of Fashion Technology; Nankai University; partnerships with the universities of Autónoma (Madrid), Elisava (Barcelona), Helsinki, Princeton and Taipei; Qingdao University; Soros Centre for Contemporary Art, Tokyo Zokei University; Shenzhen University; Shenzhen Art Museum; Suzhou Art and Design Technology Institute; Suzhou Art Museum; Tsinghua University; University Brunei Darussalam; Xiamen University

Resources: Dedicated art, design and fashion studios and workshops; digital and traditional facilities for weaving, printing, knitting, painting, printmaking, sculpture, photo-media and media technology; creative services centre with AGFA flatbed printer, Mimaki wallpaper printer, Cadcam laser cutter, extensive library collections, dry mounting and crossplatform Mac/PC interfaces; dedicated on-site PC centre and Mac suite; Lectra CAD suite; two professional international art galleries, John Hansard Gallery and The Winchester Gallery

Research areas

Key research areas include:

- Globalisation in art and design
- Media innovation
- Image functionality and modes of address
- Sociopolitical, geopolitical and postcolonial subjects: identity, place and migration
- Exhibition curatorship
- Consumer insight

Our world-class research in contemporary art and design supports curatorship, exhibitions and publishing. There is a vigorous research atmosphere in WSA and a supportive, dynamic environment for researchers at all levels. Our research includes collaborative and multidisciplinary projects, and addresses the University's strategic research themes.

Staff

Aqeel Ahmed, Dr Jean-Paul Berthon, Dr David F Birks, Professor Ryan Bishop, Deirdre Campion, Stephen Cooper, Professor Sean Cubitt, Ed D'Souza, Emmanuelle Dirix, Dr Jonathan Faiers, Julian Gee, John Gillett, Dr Beth Harland, Professor Jonathan Harris, Gordon Hon, John Hopkins, Dr Annie Makhoul, Professor Bashir Makhoul, Dr Emma Neuberg, Dr Jussi Parikka, Nick Stewart, Dr Cui Su, Dr Paul Whittaker, Dr Yuanyuan Yin

Research programmes

MPhil/PhD

Tel: +44 (0)23 8059 6900
Email: askwsa@soton.ac.uk
www.southampton.ac.uk/wsa

Our students are engaged in a variety of research projects, including practice-led research, in a lively research culture, which offers the opportunity to work in a range of related and complementary disciplines, on-site and across the University.

Key facts

Entry requirements: Good honours degree or equivalent, preferably an MA/MSc or equivalent in a relevant subject; IELTS 7.0 or equivalent for international students (other qualifications will be considered)

Duration: Up to 4 years (full-time); up to 7 years (part-time)

Assessment: Practice-led research: thesis includes practice and 20,000-word critical reflection. Other projects: 75,000–word thesis

Start date: October (but possible at other points in the year)

Intake: Variable

Applying: University application form with transcripts, research proposal, portfolio, references (please contact us to discuss your research proposal before applying)

Closing date: 31 July, but early application encouraged

Funding: Limited number of postgraduate bursaries; limited funding for conferences and other costs

Fees: **www.southampton.ac.uk/wsa**

Additional costs: Researchers fund their own research, including necessary materials costs

Careers: Practising art and design practice in the international arena; publishing; teaching and further research

Taught programmes

Key facts for all taught programmes

Entry requirements: Second-class honours degree or equivalent qualification/experience. IELTS 6.5 or equivalent for: Advertising Design Management; Digital Media and Communications; Fashion and Textile Marketing; Fashion Management; Design Management; Global Media Management; Luxury Brand Management, IELTS 6.0 or equivalent for: Textile Design; Fashion Design; Communication Design; MA Design (European pathways); MA Fine Art (for international students). Practical and creative artistic ability, demonstrated in a portfolio, will be the determining factor for MA Design, Textile Design, Fashion Design, Communication Design, MA Fine Art

Duration: 1 year (full-time)

Assessment: Oral presentations, seminars, exhibitions and portfolio presentations of practical work, written assignments, reviews

Start date: October

Intake: Variable

Applying: University application form with transcripts, CV, personal statement, portfolio of work (MA Design: Textile Design, Fashion Design, Communication Design; MA Fine Art)

Closing date: 31 July, but early application encouraged; April for AHRC funding applicants (Communication Design); applicants for our postgraduate or special pathway scholarships should apply and accept a place by mid-July

Funding: Limited number of postgraduate and special pathway scholarships. UK/EU candidates can apply for an AHRC studentship in Communication Design

Fees: **www.southampton.ac.uk/wsa**

Additional costs: Materials, study and gallery visits, copying charges

Careers: MA Design: fashion branding; retailing; merchandising; fashion/design consultancy; fashion photography; management/marketing in the fashion/design industry; web design; magazine/book and advertising design; education and further study, MA Fine Art: studio practice; public-realm practice; art publishing; education and further study.

Our programmes will encourage you to explore innovative and experimental ideas and techniques in a stimulating and challenging learning environment. Our interdisciplinary curriculum gives you the chance to work alongside other programmes and disciplines while developing a professional portfolio. Research seminars, symposia and exhibition opportunities are central. We have close links with industry and can help you arrange placements in the UK and internationally. There are also opportunities to

visit international centres of art and culture, and to take advantage of our proximity to London's art scene. You will have the time and the inspirational atmosphere to develop creative skills and confidence, and the practical contacts to realise your ambitions in the field of art and design.

Department of Fashion and Textiles

MA Design (pathways)

Head of Department: John Hopkins
Tel: +44 (0)23 8059 6900
Email: askwsa@southampton.ac.uk

Programme structure

The programme offers the following pathway choices: Fashion and Textile Marketing; Fashion Design; Fashion Management; Luxury Brand Management; Textile Design

Core module: Research Skills; plus one from a range offered at programme and pathway levels

Option module: from a range designed to complement specialist pathways and enhance employability

Fashion and Textile Marketing

Rapid advances in communication and digital technologies have changed the very nature of how we view fashion and textiles. The impact of these technologies is changing the ways that consumers experience fashion, and how marketeers communicate with consumers and create satisfying experiences. The programme focuses on the professional buyer and the effects of globalisation, fast fashion and sustainability on the highly discerning fashion and textile consumer.

Fashion Design

This practice-led pathway will allow you to extend your knowledge and understanding of fashion design through negotiated projects, underpinned by critical enquiry, experimentation and creative practice. You will be encouraged to work across traditional and experimental boundaries, evaluating your working processes, methodologies and ideas. Core areas include: fashion drawing to communicate your ideas; research skills for design; construction processes and materials to develop and realise prototype samples; computer-aided design; and fashion portfolio skills.

Fashion Management

This pathway responds to the demands of the fashion industry for management specialists who have engaged in a study of both fashion and business. The aim of the course is to equip you with a foundation of knowledge about the fashion industry and to help you develop your creative thinking, marketing and business management skills. Fashion professionals with a wealth of industry experience teach across the Fashion Management pathway. The course will improve your employment prospects, allow you to explore ideas for your own entrepreneurial venture, or prepare you for further fashion research-based postgraduate study.

Luxury Brand Management

Luxury Brand Management is designed to balance the theoretical knowledge and practical skills required to succeed in design management roles within complex, international luxury brands. The pathway primarily focuses on fashion and fashion accessories and develops an appreciation of how materials, design and craftsmanship are integral to creating luxury products, services and experiences that satisfy discerning consumers. It also considers brand portfolios, co-branding, brand extensions and endorsements, celebrity brands, designers and entrepreneurs.

Textile Design

This practice-led pathway will prepare you for further research or practice, drawing on your creativity and knowledge. You will develop critical thinking skills, refine your textile design skills and methods of enquiry. You will acquire a critical understanding of your subject from different cultural and professional perspectives, and benefit from our international and industrial links. Core areas include textile design (eg print, weave, knit, mixed-media) and supporting research skills.

Department of Graphics, Art and Media

MA Design (pathways)

Head of Department: Ed D'Souza
MA Coordinator: Dr Jussi Parikka
Tel: +44 (0)23 8059 6900
Email: askwsa@southampton.ac.uk

Programme structure

The following pathways are available: Advertising Design Management; Communication Design; Design Management; Digital Media and Communications; Global Media Management

Core modules: Research Skills; and one from a range offered at programme and pathway levels

Option module: from a range designed to complement specialist pathways and enhance employability

Advertising Design Management

The advertising industry is undergoing massive changes as new technologies alter the way in which marketing professionals communicate with their target customers and understand the impact of their designs. On this pathway you will learn how advertising is created – from the advertising pitch through to target audience identification and

segmentation, the creative strategy, creative briefing, the appraisal of creative ideas, and campaign evaluation. You will build a critical awareness of the advertising industry and the challenges it faces today, and an understanding of how other communications tools work.

Communication Design

This pathway builds on your individual existing practice within a framework of critical analysis, with a focus on ideas, contemporary issues and theories in relation to diverse global perspectives and emerging industry practice. The studio-based programme enables enquiry and challenges conventions through creative experimentation, strategic problem-solving, research and reflective practice, in pursuit of distinctive creative concepts. Core areas include: global communication and media; global branding and identity; typographic design and publishing; analysing, deconstructing and criticism of design, persuasion and the psychology of advertising; applying visual theory.

Design Management

Design at its essence connects creativity and innovation. Excellence in design gives companies the means to gain competitive advantage by creating attractive propositions for more demanding customers. Managing the generation and successful exploitation of new ideas is crucial for all companies. This pathway is aimed at individuals eager to develop a career in design management that is relevant to a wide sector of service and manufacturing industries. You will be encouraged to develop original and creative ideas that will allow you to negotiate and co-create with designers, marketers, financiers, lawyers and clients in the pursuit of the best design thinking.

Digital Media and Communications

This pathway provides you with the knowledge and skills for senior executive and policy roles in the digital economy. Starting from cultural networks and creative uses of social media, the course focuses on designing workplace/network environments and network media for enterprise, policy implementation and democratic and cultural community building. Incorporating key skills in cyber-marketing and customised consumer relations management, you will acquire the principles of information systems management, within and between organisations and in open communication networks in commerce, government and cultural management, alongside critical analysis within these contexts.

Global Media Management

This pathway equips you with the knowledge and skills to lead public communication and media policy on behalf of civil society, government and industry at national and global levels. You will prepare for work in campaigns, charities and government agencies, the UN system, in international media, trade and political bodies, and in development media in the context of the convergent media industries of the century.

MA Design (European pathways)

European pathways: Elisava, Barcelona

These pathways are presented at Elisava in Barcelona, the leading design school in Spain and our partner institution for some 15 years. Each pathway is delivered in English by staff from both institutions. Students have access to high-quality teaching, excellent facilities and real projects, advanced through interdisciplinary activity involving companies and institutions that regularly collaborate with Elisava for research purposes.

Architectural Design Management

This pathway introduces the interfaces between architectural design and the marketing and management challenges essential to the success of architectural practice. It offers an understanding of the relationship between the aesthetic values of architectural design and landscape design and the commercial factors that drive architectural practice, and the latest tendencies in creativity, technology, client relationships and legal processes.

Interior Design Management

This pathway is structured to develop knowledge and understanding of interior design methods for students from a range of practice-based interior design and related design backgrounds, and to focus on the practicalities of marketing and delivering interior design services. It covers the latest visual issues surrounding interior design, technical and legal aspects, and the crucial role of client relationships in successful projects. It provides the opportunity to develop the full range of skills necessary for effective project management in the lively and competitive field of interior design.

Product Design Management

This pathway maps the connections between product design, marketing, management and manufacturing in the constantly evolving field of product design. It analyses the relationship between the aesthetic and functional values of product design and the commercial values that drive new product success. It introduces current trends in creativity, technology and legal and production processes, and develops the skills necessary for project management, brand development and taking a design through to production.

MA Fine Art

Programme Leader: Nick Stewart
MA Coordinator: Nick Stewart
Tel: +44 (0)23 8059 6900
Email: askwsa@southampton.ac.uk

Programme structure

You will have access to specialist staff, visiting tutors and facilities relevant to all the disciplines facilitated in this programme.

Core modules: Research Skills and studio-based modules

Option module: from a range designed to complement specialist areas and enhance employability

Our MA Fine Art reflects the rich complexity of international contemporary art practice in a clear critical context. We facilitate work in painting, drawing, printmaking, sculpture, installation, photography, video, web, temporary site-specific or time-based work, and performance art. Contemporary art practice is increasingly interdisciplinary and many artists work both independently and collaboratively at the boundaries of their disciplines. Projects may involve either a specialist pursuit of a single medium or a broader, multidisciplinary approach that draws on the skills and opportunities provided by our staff and facilities. We will encourage you to take advantage of the many opportunities for collaboration across the University. Modules in Entrepreneurship and Contemporary Issues will support the development of your practice. Professional development is an integral part of the course and is facilitated by the artists and art world professionals who visit WSA.

How to get here

By road

Southampton M3 – exit M3 at junction 14, following signs for Southampton (A33). Follow the A33 into Bassett Avenue and follow map/signs to University campuses.

M27 (west or east) – leave M27 at junction 5 (Southampton Airport) and follow map/signs to University campuses.

Winchester M3 – exit M3 at junction 9 or 10.

By rail

Fast trains from London and Bournemouth/Weymouth stop at Winchester, Southampton Central and Southampton Airport Parkway. Trains from Portsmouth and Bristol/South Wales stop at Southampton Central. The uni-*link* U1 bus service runs between Southampton Central and Southampton Airport Parkway via the University.

By coach

Southampton coach station is at Western Esplanade, in the city centre. uni-*link* U1 buses connect the University's Southampton campuses and the city centre.

By air

Southampton Airport is about 20 minutes from the Southampton campuses by bus or taxi. There is a full UK domestic service, as well as flights to mainland Europe and the Channel Islands.

This prospectus provides an overview of the University and life at Southampton, along with information about all the taught and research programmes available. Detailed and up-to-date information can be found online. Relevant web links are shown throughout the prospectus.

Terms of use

The University of Southampton will use all reasonable efforts to deliver advertised programmes and other services and facilities in accordance with the descriptions set out in the prospectuses, student handbooks, welcome guides and website. It will provide students with the tuition and learning support and other services and facilities so described with reasonable care and skill.

The University undertakes a continuous review of its programmes, services and facilities to ensure quality enhancement. The University is also largely funded through public and charitable means and is required to manage these funds in an efficient and cost-effective way for the benefit of the whole of the University community.

The University, therefore, reserves the right if it considers it to be necessary:

- to alter the timetable, location, number of classes, content or method of delivery of programmes of study and/or examination processes, provided such alterations are reasonable
- to make reasonable variations to the content and syllabus of programmes of study (including in relation to placements)
- to suspend or discontinue programmes of study (for example, because a key member of staff is unwell or leaves the University)
- to make changes to its statutes, ordinances, regulations, policies and procedures which the University reasonably considers necessary (for example, in the light of changes in the law or the requirements of the University's regulators). Such changes, if significant, will normally come into force at the beginning of the following academic year or, if fundamental to the programme, will normally come into force with effect from the next cohort of students
- to discontinue programmes of study or to combine or merge them with others (for example, because too few students apply to join the programme for it to be viable)

1. Change or discontinuance of programmes

If the University discontinues or combines a programme of study or changes it significantly:

A) In the event that the University has not made an offer of a place or before an applicant has accepted an offer:

(i) the University will inform applicants at the earliest possible opportunity of the discontinuation or change

(ii) an applicant will be entitled to withdraw his or her application by informing the University in writing within a reasonable time of being told of the discontinuation or change, failing which the University will withdraw its offer of a place

B) In the event that an offer has been accepted but prior to the student enrolling, the student may either:

(i) withdraw from the University and be given an appropriate refund of tuition fees and deposits; or

(ii) transfer to another available programme (if any) as may be offered by the University for which the student is qualified

If in these circumstances the student wishes to withdraw from the University and to apply for a programme at a different university, the University shall use its reasonable endeavours to assist the student.

C) In the event that a student has enrolled, the University will use reasonable endeavours to teach out the programme, but cannot guarantee to do so. If the University cannot teach out a programme of study, it will use its reasonable endeavours to facilitate the transfer of a student to an equivalent programme for which the student is qualified and which has places available within the University or at a different university.

2. Changes to services or facilities

The University will make available to students such learning support and other services and facilities as it considers appropriate, but may vary what it provides from time to time (for example, the University may consider it desirable to change the way it provides library or IT support).

3. Financial or other losses

The University will not be held liable for any direct or indirect financial or other losses or damage arising from such discontinuations, changes to or mergers of any programme of study, service or facility.

Upon acceptance by an applicant of an offer of a place at the University, the relationship between the applicant and the University becomes contractual. In entering into that contract, neither the student nor the University intends that any of the terms of the contract will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person not a party to it.

Force majeure

The University will not be held liable for any loss, damage or expense resulting from any delay, variation or failure in the provision of programmes of study, services or facilities arising from circumstances beyond the University's reasonable control, including (but not limited to) war or threat of war, riot, civil strife, terrorist activity, industrial dispute, natural or nuclear disaster, adverse weather conditions, interruption in power supplies or other services for any reason, fire, boycott and telecommunications failure.

In the event that such circumstances beyond the reasonable control of the University arise, it will use all reasonable endeavours to minimise disruption as far as it is practical to do so provided that such endeavours do not undermine the University's Quality Assurance requirements.

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General index

General information

Support

Academic index

	Page	Research	Taught/research	Taught
Bionanotechnology	92	–	–	MSc
Energy and Sustainability with Electrical Power Engineering	92	–	–	MSc
MicroElectroMechanical Systems (MEMS)	92	–	–	MSc
Microelectronics Systems Design	93	–	–	MSc
Nanoelectronics and Nanotechnology	93	–	–	MSc
Software Engineering	93	–	–	MSc
Systems and Signal Processing	93	–	–	MSc
System on Chip	94	–	–	MSc
Web Science	94	–	–	MSc
Web Technology	94	–	–	MSc
Wireless Communications	94	–	–	MSc
Engineering Sciences:	98/99	PhD EngD	–	–
Transport and the Environment	99	EngD	–	–
Advanced Mechanical Engineering Science	99	–	–	MSc
Aerodynamics and Computation	100	–	–	MSc
Race Car Aerodynamics	100	–	–	MSc
Maritime Engineering Science	100	–	–	MSc
Space Systems Engineering	100	–	–	MSc
Sustainable Energy Technologies	101	–	–	MSc
Unmanned Vehicle Systems Design	101	–	–	MSc
Marine Technology	101	–	–	MSc/PG Dip/PG Cert
English:	104	MPhil/PhD	–	–
English Literary Studies	104/106	–	MRes	MA
Medieval and Renaissance Studies (Interdisciplinary)	105	–	MRes	–
Creative Writing	105	–	–	MA
Eighteenth Century Studies (Chawton)	106	–	–	MA
Twentieth and Twenty-first Century Literature	106	–	–	MA
Medieval and Renaissance Culture (Interdisciplinary)	106	–	–	MA
English Language Teaching	163/164			
Film:	109/110	MPhil/PhD Integrated PhD PhD by Distance Learning	–	MA
Film and Cultural Management	110	–	–	MA
Finance	77/144/ 147/153			
Geography:	113	PhD	–	–
City and Regional Development	114	–	–	MA
Applied Geographical Information Systems and Remote Sensing	114	–	–	MSc
Geographical Information Systems (online)	114	–	–	MSc

	Page	Research	Taught/research	Taught
Geo-information Science and Earth Observation for Environmental Modelling and Management (GEM)	115	–	–	MSc
Healthy Cities	115/116	–	–	MSc/MRes
Palaeoecology	115/116	–	–	MSc/MRes
River Science and River Management	116	–	–	MSc
River Science	116	–	–	MRes
Gerontology	**61/62**			
Health Sciences:	**119**	**MPhil/PhD**	**–**	**–**
Clinical Practice	120	–	Doctorate (DClinP)	–
Clinical Research	120	–	–	MRes
Advanced Clinical Practice	121	–	–	MSc
Clinical Leadership in Cancer, Palliative and End of Life Care	121	–	–	MSc
Health and Rehabilitation	122	–	–	MSc
Leadership and Management in Health and Social Care	122	–	–	MSc
Physiotherapy (Pre-registration)	123	–	–	MSc
Public Health Practice	123	–	–	MSc
Mental Health Studies	124	–	–	PG Dip
Nursing (Pre-registration)	124	–	–	PG Dip
History:	**127/128**	**MPhil/PhD**	**MRes**	**MA**
Jewish History and Culture	128/129	–	MRes	MA
Medieval and Renaissance Studies (Interdisciplinary)	128	–	MRes	–
Medieval and Renaissance Culture	129	–	–	MA
Eighteenth Century Studies (Chawton)	129	–	–	MA
Institute of Sound and Vibration Research (ISVR):	**133**	**PhD**	**–**	**–**
Clinical Practice	134	–	Doctorate (DClinP)	–
Clinical Research	134	–	–	MRes
Audiology	134	–	–	MSc
Applied Digital Signal Processing	135	–	–	MSc
Engineering Acoustics	135	–	–	MSc
Sound and Vibration Studies	135	–	–	MSc
Structural Dynamics	135	–	–	MSc
Law:	**138**	**PhD**	**–**	**–**
Crime Analysis	139	–	–	MSc
Information Technology and Telecommunications Law (distance learning)	139	–	–	LLM
Master of Laws:	138			
General	138	–	–	LLM
Commercial and Corporate Law	138	–	–	LLM
European and Comparative Property Law	138	–	–	LLM
European Law	138	–	–	LLM

	Page	Research	Taught/research	Taught
Information Technology and Commerce	138	–	–	LLM
International Business Law	138	–	–	LLM
International Law	138	–	–	LLM
Maritime Law	138	–	–	LLM
Linguistics	163/164/165			
Management:	142/147	PhD	–	MSc
Business Administration	143/144	DBA	–	MBA (full- and part-time) PG Cert
Accounting and Finance	144	–	–	MSc
Accounting and Management	145	–	–	MSc
Business Analytics and Management	145	–	–	MSc
Corporate Risk and Security Management	145	–	–	MSc
Digital Marketing	146	–	–	MSc
Human Resource Management	146	–	–	MSc
International Banking and Financial Studies	146	–	–	MSc
International Financial Markets	146	–	–	MSc
Knowledge and Information Systems Management (KISM)	147	–	–	MSc
Management Sciences and Finance	147	–	–	MSc
Marketing Analytics	148	–	–	MSc
Marketing Management	148	–	–	MSc
Risk Management	148	–	–	MSc
Mathematics:	151	PhD	–	–
Actuarial Science	152	–	–	MSc/PG Dip
Operational Research	152	–	–	MSc/PG Dip
Operational Research and Finance	153	–	–	MSc/PG Dip
Statistics with Applications in Medicine	153	–	–	MSc/PG Dip
Marine	174/176/177			
Marketing	146/148			
Medicine:	157/158	MPhil/PhD DM/PhD	–	–
Biomedical Science	157	Integrated PhD	–	–
Allergy	158	–	–	MSc/PG Dip/PG Cert
Public Health Nutrition	159	–	–	MSc/PG Dip/PG Cert
Modern Languages:	162	MPhil/PhD	–	–
Transnational Studies: Society, Language Culture	162	Integrated PhD	–	–
Applied Linguistics/English Language Teaching	163	Integrated PhD	–	–
Applied Linguistics (Research Methodology)	163	–	–	MA
Applied Linguistics for Language Teaching	164	–	–	MA

	Page	Research	Taught/research	Taught
English Language Teaching	164	–	–	MA
English Language Teaching (online)	164	–	–	MA
Transnational Studies	165	–	–	MA
Linguistics	165	–	–	MRes
Modern Languages (French/German/Hispanic and Portuguese Studies)	165	–	–	MRes
Music:	**167/168**	**MPhil/PhD**	**–**	**MMus**
Musicology	168	–	MRes	–
Medieval and Renaissance Studies (Interdisciplinary)	168	–	MRes	–
Eighteenth Century Studies (Chawton)	169	–	–	MA
Medieval and Renaissance Culture (Interdisciplinary)	169	–	–	MA
National Oceanography Centre Southampton (NOCS):	**173**	**PhD**	**–**	**–**
Ocean and Earth Science	174	Integrated PhD	–	–
Marine Geology and Geophysics	174	–	MRes	–
Ocean Science	175	–	MRes	–
Engineering in the Coastal Environment	175	–	–	MSc
Marine Environment and Resources	176	–	–	MSc
Marine Resource Management	176	–	–	MSc
Marine Science, Policy and Law	177	–	–	MSc
Oceanography	177	–	–	MSc
Optoelectronics Research Centre (ORC)	**180**	**PhD**	**–**	**–**
Philosophy:	**183**	**MPhil/PhD**	**–**	**–**
Aesthetics	183	–	–	MA
Philosophy	183	–	–	MA
Physics and Astronomy	**187**	**PhD**	**–**	**–**
Politics & International Relations:	**189**	**MPhil/PhD**	**–**	**–**
Citizenship and Democracy (Research)	190	–	MSc	–
Global Politics (Research)	190	–	MSc	–
Governance and Policy (Research)	191	–	MSc	–
International Political Economy (Research)	191	–	MSc	–
Citizenship and Democracy	191	–	–	MSc/PG Dip
Global Politics	192	–	–	MSc/PG Dip
Global Security	192	–	–	MSc/PG Dip
Governance and Policy	192	–	–	MSc/PG DIp
International Political Economy	192	–	–	MSc/PG Dip

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