UNIVERSITY OF
Southampton

INSPIRING MINDS

POSTGRADUATE PROSPECTUS 2019

PART OF THE
RUSSELL GROUP

CHOOSE SOUTHAMPTON

OPEN DAYS AND VISIT AFTERNOONS

Postgraduate Visit Afternoons

Information about our Postgraduate Visit Afternoons can be found on our website.

Book your place at:
www.southampton.ac.uk/pgp/visit

Postgraduate Open Day

Wednesday 5 December 2018

Book your place at:
www.southampton.ac.uk/pgp/openday

EXPLORE MORE

Can't wait for our Open Day? Experience Southampton through a virtual tour.

Find out more:
www.southampton.ac.uk/pgp/virtualopenday

With a masters degree from Southampton, you can realise your career ambitions, deepen your knowledge and further your potential.

- High-profile organisations such as Apple, Ernst & Young, IBM, the MoD, the BBC and the NHS recruit our graduates.
- We are a founding member of the Russell Group – an organisation of research-intensive universities – which means your education will be informed by research as it unfolds.
- Nearly 90 per cent of our research is assessed as having world-leading or internationally excellent impact*.

Working alongside world-leading academics, with access to cutting-edge facilities and global collaborations, a research degree at Southampton is the first step to becoming a leader in your field.

- We work in collaboration with global businesses, including Rolls-Royce, Microsoft, Lloyd's Register, Formula 1 and PwC.
- We are among the top 10 per cent of UK universities for attracting research funding.
- We are part of the Science and Engineering South Consortium, the most powerful cluster of research-intensive universities in the world.
- We will give you support to enable you to build your profile as a researcher – from writing research papers and enhancing your presentation skills, to applying for funding to attend international conferences and research visits.

**The latest Research Excellence Framework (REF), 2014*
***Complete University Guide, 2019*
****QS World University Rankings, 2019*
*****Teaching Excellence and Student Outcomes Framework (TEF), 2019*

Top 20 UK university**

Top 100 global university***

Silver award for teaching excellence****

CONTENTS

APPLY NOW

Achieve your goals and challenge yourself at the University of Southampton.

Find out more and apply at:
www.southampton.ac.uk/pgp

* University of Southampton Financial Statements, 2016/17
** latest REF Research Intensity Rankings, 2014

A record level of **£136.9m** received in research income in 2016/17*

OVER **96%** of our research environment is assessed as world leading or internationally excellent**

OVER **24,600** students enrolled at our campuses in the UK and Malaysia, including over **7,000** postgraduates

Top 10 in the UK for research intensity**

"The University of Southampton is renowned for its international community and multicultural atmosphere with a beautiful campus. Accommodation and transport facilities are also convenient, offering an attractive environment to me as an international student."

Nan Zhou
PhD Material Engineering, third year

LEAPING INTO UNIQUE OPPORTUNITIES

Katie McDonnell (MSc Statistics with Applications in Medicine, 2013) is one of the world's leading female freerunners.

Her career so far has taken her across the globe, working on films, advertising campaigns and television shows. She was a finalist in the television series *Ninja Warrior UK*, and her vlogs and social media posts have earned her hundreds of thousands of followers.

This was not a career she had expected when she first arrived at Southampton, but one that she discovered through the wealth of opportunities available to her while she was studying.

"During my time at the University I was training at Southampton Gymnastics Club to work on my tumbling skills for cheerleading – I had joined the Southampton Vixens competition squad – and it was there that I met the freerunners who got me into the sport," says Katie.

"I thought the skills that they were working on looked really cool, so I was keen to join in with them. They pretty much taught me all the basic skills involved in freerunning, and it went from there."

This chance encounter led to a path that enabled her to achieve things she didn't even know were possible. Although her career now does not depend on her qualifications, studying at postgraduate level was undoubtedly a very important part of her journey.

"Getting a good degree was always really important to me, so I put a lot of time into my studies. However, extracurricular activities were also a really significant part of my life while at Southampton.

"Coaching the Vixens while doing a masters degree, as well as training towards becoming a professional freerunner, meant I had to juggle lots of different things at once. That's a skill that has definitely helped me out in what I do now."

Postgraduate study is about more than your research and academic education; there are so many new possibilities to explore, whether that involves a student society, public engagement, volunteering or entrepreneurship. At Southampton, you can discover your own unique and unexpected path.

"While working hard towards your degree is obviously very important, don't miss out on all of the other opportunities that are available to you while at Southampton," says Katie. "It is such an incredible chance to join different clubs and societies and try something new."

> "You will almost certainly find something that you are really passionate about, and perhaps you'll even find something that will end up having a big impact on your career."
>
> **Katie McDonnell**
> BSc Mathematics, 2012; MSc Statistics with Applications in Medicine 2013

Image Credit Erik Mukhametshin

INTERDISCIPLINARY RESEARCH

We are proud of our collaborative approach to research; interdisciplinarity is at the heart of everything we do.

In order to solve the world's greatest challenges, make a difference to people's lives and impact industry, we break down boundaries between disciplines and subjects.

Collaborating in this way combines different expertise, perspectives and experiences to focus on some of the biggest global issues, achieve groundbreaking results and open up even more opportunity for breakthroughs.

Southampton is home to many cutting-edge research centres, groups and institutes, creating connections between disciplines to make this possible.

Sharing ideas and knowledge in this way also means that our courses benefit directly from the latest work, enabling you to learn from the source of the research and giving you and your education the edge.

Research institutes and groups

Our research institutes are at the forefront of their fields and have international reputations. Covering all subjects, our many institutes include the Institute for Life Sciences (IfLS), Southampton Marine and Maritime the Institute (SMMI), and the Web Science Institute (WSI).

Many of our institutes are unique, and the first of their kind in the UK, providing novel environments for the very best research, collaboration and innovation.

Find out more:
www.southampton.ac.uk/pgp/institutes

In 2017 the University was awarded a Queen's Anniversary Prize for Higher and Further Education, recognising decades of innovation and cutting-edge research undertaken by the Optoelectronics Research Centre (ORC).

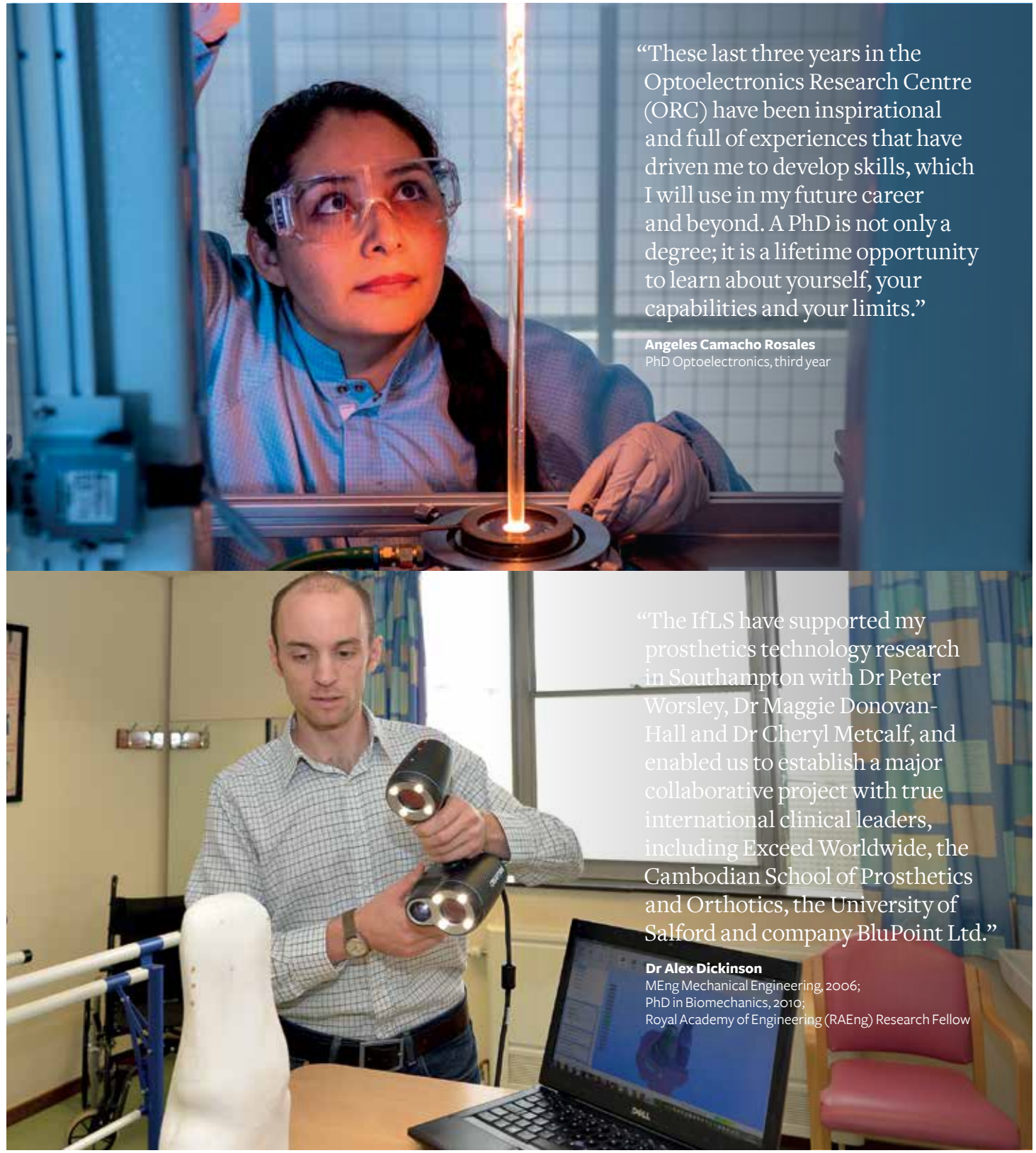
Our research groups bring together researchers and academics from the same specialist area to focus on a particular issue or topic. Each research group is also encouraged to work with other groups to make the most of the knowledge and skills available.

Research groups span across our departments to cover areas such as maritime law, acoustics, modern and contemporary writing, cancer research and pure mathematics.

Research partners

Our collaborative work with research partners also allows us to push boundaries even further, through sharing equipment, data, knowledge and expertise. By working with other universities around the world, and building partnerships with charities, government bodies and businesses, we can produce results that benefit industry and society and really influence change.

The Queen's Anniversary Prizes
For Higher and Further Education
2017



"These last three years in the Optoelectronics Research Centre (ORC) have been inspirational and full of experiences that have driven me to develop skills, which I will use in my future career and beyond. A PhD is not only a degree; it is a lifetime opportunity to learn about yourself, your capabilities and your limits."

Angeles Camacho Rosales
PhD Optoelectronics, third year

"The IfLS have supported my prosthetics technology research in Southampton with Dr Peter Worsley, Dr Maggie Donovan-Hall and Dr Cheryl Metcalf, and enabled us to establish a major collaborative project with true international clinical leaders, including Exceed Worldwide, the Cambodian School of Prosthetics and Orthotics, the University of Salford and company BluPoint Ltd."

Dr Alex Dickinson
MEng Mechanical Engineering, 2006;
PhD in Biomechanics, 2010;
Royal Academy of Engineering (RAEng) Research Fellow

01

02

Over the next decade, we plan to invest up to

£600m

in our infrastructure and facilities

03

Our libraries collectively hold over **2.5 million** printed items, more than **23,000** e-journals, and over **500,000** ebooks

04

05

LEARNING ENVIRONMENT

We understand how the best learning environments can result in the best work, and we are continually improving our campuses and resources to make this possible.

Learning spaces

Our learning spaces across our campuses enable you to work in the way that best suits you. Communal study areas facilitate collaboration among your network of peers, while other areas allow you to focus for solo or quiet study sessions. Our lecture theatres, seminar rooms and computer workstations are available to use across our campuses.

If you work best in an informal environment, our numerous cafes and public spaces also provide relaxed and comfortable areas for studying at your own pace.

Research facilities

We invest millions in the development of our research facilities to ensure that you have the very best equipment at your disposal and the tools you need to take your research and knowledge further. From state-of-the-art labs and clean rooms, to our BAE-funded flight simulator and Large Anechoic Chamber, you will be working with industry-standard facilities.

Read more about our facilities on page 14.

Libraries

We have five libraries at Southampton, each one housing books, journals, and other media that will help you to delve deeper and further your knowledge, including archives of national and international importance.

Our main library, the Hartley Library, is located on Highfield Campus and has a reputation as one of the leading research libraries in the UK. It houses diverse specialist collections including the Broadlands Archive, the papers of the Duke of Wellington, data sets, and social sciences research outputs. Specialist staff are on hand to provide services to help manage your research profile.

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 to support these areas of study.

Flexible study time

With online access to our resources, and Wi-Fi access across all our campuses, you can fit your learning around your life. Using the Southampton Virtual Environment (SVE) you have access to all your files, popular software, your email and the University network when working away from campus.

Investing in your campuses

We are continuously updating our campuses and listening to staff and student feedback about our resources to ensure that we can support your study and collaborative work most effectively.

New teaching and learning spaces are currently being built on our Highfield Campus, and our Hartley Library has been updated to ensure that you have all the resources and study areas you need to make the most of your working hours.

01 One of our teaching labs
02 Modern lecture theatres
03 Study in the Hartley Library
04 Communal spaces for group work
05 Design studios at Winchester School of Art

UNDERSTANDING MICROPLASTIC POLLUTION FROM THE SOURCE

Every year, an estimated 12.7m tonnes of plastic ends up in our oceans and seas. Now, it seems, the world is waking up to the amount of waste we are creating from single-use products.

With the ban of microbeads coming into effect in 2018, action is rapidly being taken to try and change our habits for good; but there is much more work to be done.

Students and academics at Southampton are working hard to tackle the issues surrounding plastic's effect on the environment and various ecosystems. Postgraduate research student Nina Faure Beaulieu is focusing her research on tackling the microplastic problem quite literally at the source, looking at microplastics in fresh-water systems in the UK.

Through sampling water from around the UK, focusing on the Thames, she will be able to assess the quantity and types of plastic and their source flowing through one of the world's major cities, and eventually build a map of the microplastic content of the UK's rivers.

This research will then feed into models to help us understand how much the UK is contributing to global marine microplastics pollution through its rivers, and eventually influence policy.

"With all these pollution problems, prevention is better than cure," says Nina. "It's great to have a look at where microplastics are in the marine environment, but if we actually want to solve the issue with plastic pollution, we need to go to the source and understand where they are coming from, how they're getting there, and try to convey this information properly to policymakers and the public so that we can come up with effective regulations."

Little is known about microplastic pollution and its effects in comparison to macroplastic pollution (involving plastics above 5mm in size). Plastics cause entanglement, pollute the environment and can be ingested by marine life. But microplastics are more of a mystery; one that Nina is hoping to solve.

"We know that plastics get smaller and smaller and degrade into microplastics, but the effects of these aren't really understood yet, and that's why we need research in this area."

With the facilities and cross-discipline expertise at our Waterfront Campus and the National Oceanographic Centre Southampton (NOCS), Nina is also able to go on international expeditions and work alongside renowned academics in her field of interest in order to achieve her goals of making a difference.

"I wanted to do research in oceanography, and this is one of the best places to go to; the opportunities that come with studying at Southampton and NOCS are huge," says Nina.

"I have always wanted to make sure that the work I am doing has a wider impact than just being research; I like to see the path from collecting data to getting information out to the public and changing policy."

"Plastic is everywhere. If we continue on this trend, plastic production is only going to grow, and levels of microplastics might increase. We need to know if these microplastics have an effect on health sooner rather than later."

Nina Faure Beaulieu
PhD Ocean and Earth Science, first year

Find out more:
www.southampton.ac.uk/pgp/highlights

WORLD-CLASS FACILITIES

We invest millions of pounds in the development of our research facilities to ensure that you have the tools you need to make a real impact and achieve your goals.

From our unique flight simulator, High Voltage Laboratory and research vessels, to our Special Collections archive, Clinical Academic Research Facility and anechoic chambers, we have quality facilities in every subject area. In fact, we currently have the best resources in the world for several subjects, including oceanography, computer science and engineering.

Work with specialist equipment that has real-world application; a number of our facilities are used in commercial testing and consultancy and are renowned in industry. With a breadth of expertise and a culture of collaboration, our facilities are the foundation of many of our networks, bringing together knowledge and ideas from across departments, institutions and continents.

The **RJ Mitchell wind tunnel** has been used for high-performance testing by Formula One teams

Our supercomputer, **Iridis 5**, is capable of performing over a **quadrillion calculations per second**

Boldrewood Innovation Campus houses our **138m towing tank** – the largest University tank in the UK

Our **Bloomberg Trading Suite** enables access to real-time data, breaking news, and powerful analytics

Find out more:
www.southampton.ac.uk/pgp/facilities

"The Southampton University Driving Simulator (SUDS) has enabled me to test how drivers respond to different driving interfaces to learn how those interfaces can be optimised for the next step in driverless technology. Having access to this facility allows me to pursue the questions for my project that would otherwise go unanswered, and to conduct valuable research that will stay with me throughout my career."

Jediah Clark (left)
PhD Human Factors Engineering, second year

ENTERPRISE

We turn research into reality, working with industry, governments, student entrepreneurs and research institutions to make a global impact and change the world for the better.

Research represents the lifeblood of our University; it powers everything we do, from our innovative teaching methods to our growing portfolio of spin-out companies. We have a strong tradition of enabling staff and students to commercialise their research through enterprise, licensing and spin outs.

We are ranked as the top UK university for consultancy income, and have created more than 28 spin-out companies since 2000, three of which have been floated on the stock market. Our impressive track record for international collaboration and strong commercial partnerships ensures that our teaching and research is relevant and valuable to the needs of today's industry.

We bring together businesses, communities of entrepreneurs, public bodies and our world-leading research staff and students to deliver internationally excellent research, expand our knowledge, and solve real-world problems.

Future Worlds

Our on-campus startup accelerator, Future Worlds, helps aspiring student and academic entrepreneurs change the world with their ideas. Future Worlds hosts startup talks, skills workshops and investor pitching opportunities. It accelerates new ventures through one-to-one support and its network of seasoned founders and millionaire entrepreneurs. Since 2015, over 180 entrepreneurs have been supported, leading to the launch of new companies in locations from Silicon Valley to Tanzania, backed by millions of pounds of investment.

Enterprise units

Our wide range of enterprise units offer expertise across the spectrum, from biomedicine and environmental sciences to web development and surface engineering. Each unit has experienced staff dedicated to supporting our business and industry partners.

Commercialising your research

Taking a piece of groundbreaking research or an innovative idea and turning it into a commercial product is not easy, and setting up a business can be equally daunting. At Southampton we understand this, and offer our researchers a full range of support including:

- identifying partners to help translate research ideas into commercial products or services
- advising on creation of spin outs and startups
- negotiating research contracts and intellectual property licensing agreements
- making best use of world-leading equipment and facilities

University of Southampton Science Park

Our Science Park is one of the largest university science parks and innovation centres in the UK, with an annual economic impact estimated at £550m. Located close to our Highfield Campus, the Science Park is a hub for entrepreneurial businesses, offering support, facilities, work space and networking opportunities, fostering a true collaborative approach between the University and industry.

At any one time the University works with over

1,500

external organisations

The University of Southampton Science Park

"An incredible opportunity; a test of performance under pressure, real companies, real challenges, no right answers. The Catalyst Challenge is an inspiring glimpse into the life of an entrepreneur. Competitions like this are critical for the next generation of business leaders, startups and innovators, let alone being CV gold dust."

Aaron Page
PhD Electronics and Electrical Engineering, second year

SETsquared business incubator

Southampton is a founding member of SETsquared: an enterprise collaboration between five UK universities. In 2018, SETsquared was rated the top university business incubator in the world for the fourth year running.

Based at our Science Park, SETsquared provides an ideal structure for new startups, ensuring that our research is taken out of the lab and into the real world where it becomes accessible to industry. SETsquared has supported over 1,000 companies, helping them to develop and raise over £1bn in investment, as well as contributing over £3.8bn to the UK economy.

ICURe Programme

The Innovation to Commercialisation of University Research programme (ICURe) offers university researchers the chance to validate their ideas in the marketplace. Led by Southampton since 2014, ICURe is piloted by the SETsquared Partnership and Innovate UK, and funded by the Department for Business, Energy and Industrial Strategy (BEIS).

Student entrepreneurs

We provide opportunities to support all students in their enterprise and entrepreneurship development, enabling them to become passionate business leaders of the future. At Southampton, you can get involved in entrepreneurial activity through workshops, societies, business challenge competitions such as the Catalyst Challenge, one-to-one guidance, startup funding competitions, course modules and programmes. These all help to develop your enterprising mindset, skills and knowledge, and advance your ideas.

International students and graduates of the University can apply for a Tier 1 Graduate Entrepreneur University endorsement to start up their own business in the UK.

Enactus Southampton, part of the global not-for-profit Enactus organisation, was the first UK team ever to win the Enactus World Cup in 2015. Enactus team members are able to make a difference worldwide, while developing socially-responsible business skills; just one example of how our students can become empowered to drive change through enterprise.

More than

150

international businesses have chosen us as a key partner for their research and development

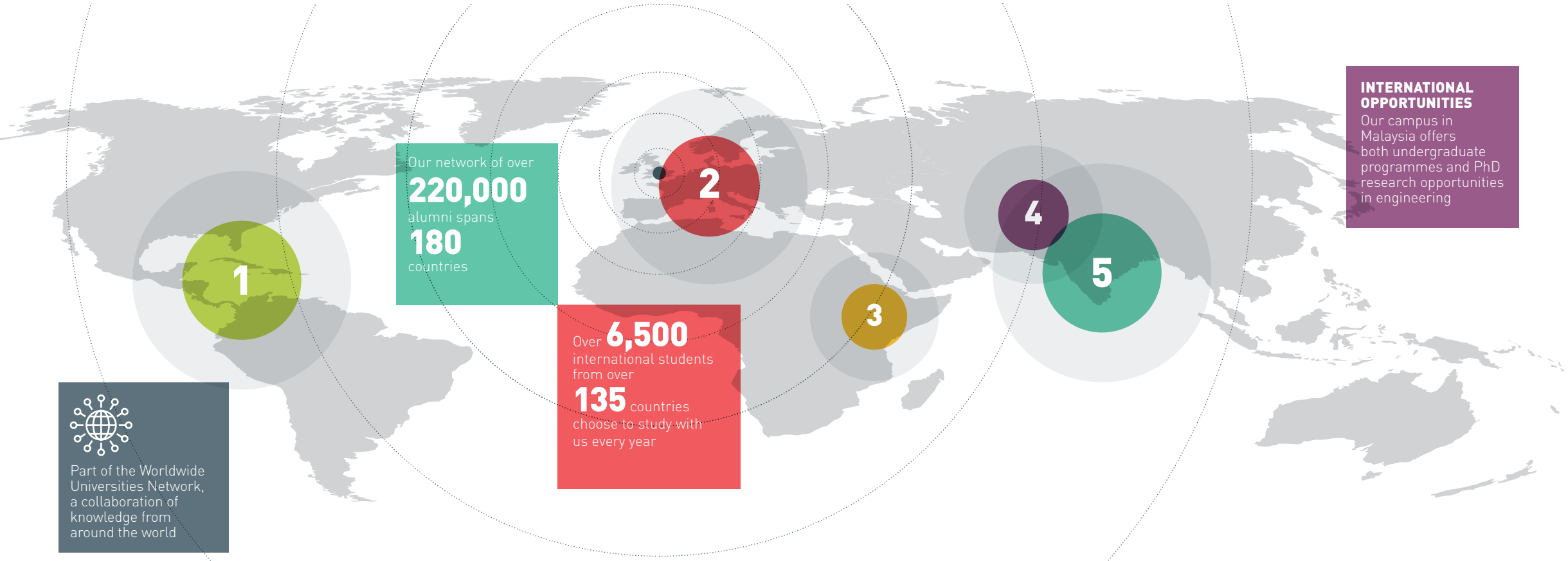
Our contracts with industry are worth

£55m

Find out more:
www.southampton.ac.uk/pgp/enterprise

A GLOBAL UNIVERSITY

Our research is making a life-changing impact on every continent. By choosing Southampton, you will have the opportunity to make a real difference, and tackle today's most pressing global issues.



Our network of over **220,000** alumni spans **180** countries

Over **6,500** international students from over **135** countries choose to study with us every year

INTERNATIONAL OPPORTUNITIES
Our campus in Malaysia offers both undergraduate programmes and PhD research opportunities in engineering

Part of the Worldwide Universities Network, a collaboration of knowledge from around the world

@unisouthampton
Follow us for the latest news, research and events at the University

1 Promoting family planning

Alumna Dr Kizanne James (MSc Leadership and Management in Health and Social Care, 2017) was announced as one of the 2017 winners of 120 Under 40 by The Bill & Melinda Gates Institute for her work in sexual and reproductive health in the Caribbean.

2 Celebrating digital art and culture

Through the Archaeologies of Media and Technology (AMT) Research Group, Winchester School of Art has been an official partner with Berlin's Transmediale Festival – one of the world's most significant contemporary festivals of digital culture and art – for over seven years.

3 Education in Kenya

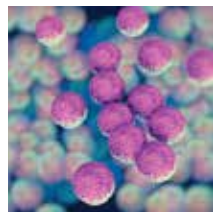
PGCE Primary, Secondary and Further education trainee teachers have the opportunity to experience the world of education and culture in Kenya as part of their training experience.

4 Putting people on the map

Professor Andy Tatem and the WorldPop team are using cutting-edge spatial data to give vulnerable people basic human rights in Afghanistan and other low- and middle-income countries worldwide.

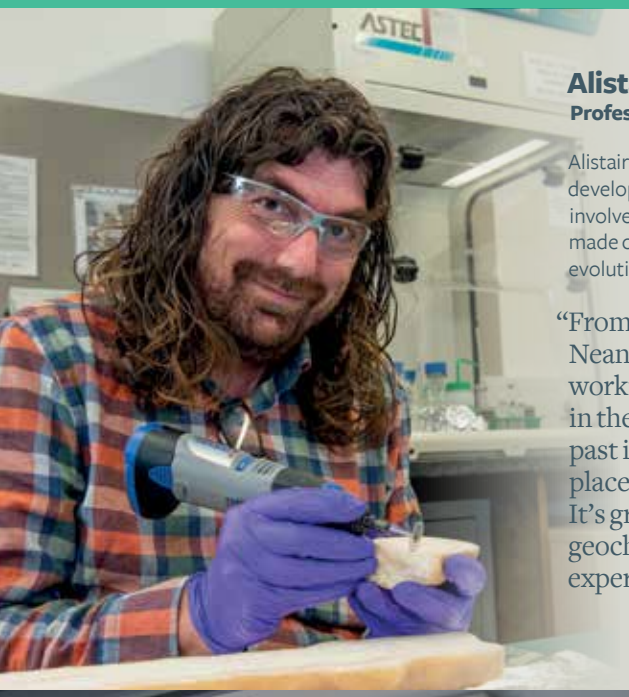
5 Breaking down antibiotic resistance

Professor Syma Khalid is using computational chemistry to combat the global challenge of antibiotic and antimicrobial resistance, working closely with colleagues in India.



OUR PEOPLE

Throughout your postgraduate career at Southampton, you will work with passionate academics who are changing the world for the better and tackling global challenges through their research, drawing from real-world industry experience and expertise.



Alistair Pike

Professor of Archaeological Sciences

Alistair is the Head of Archaeology and specialises in the development and application of dating methods. He was recently involved in uncovering the first major evidence that Neanderthals made cave paintings; an international story which changes evolutionary history.

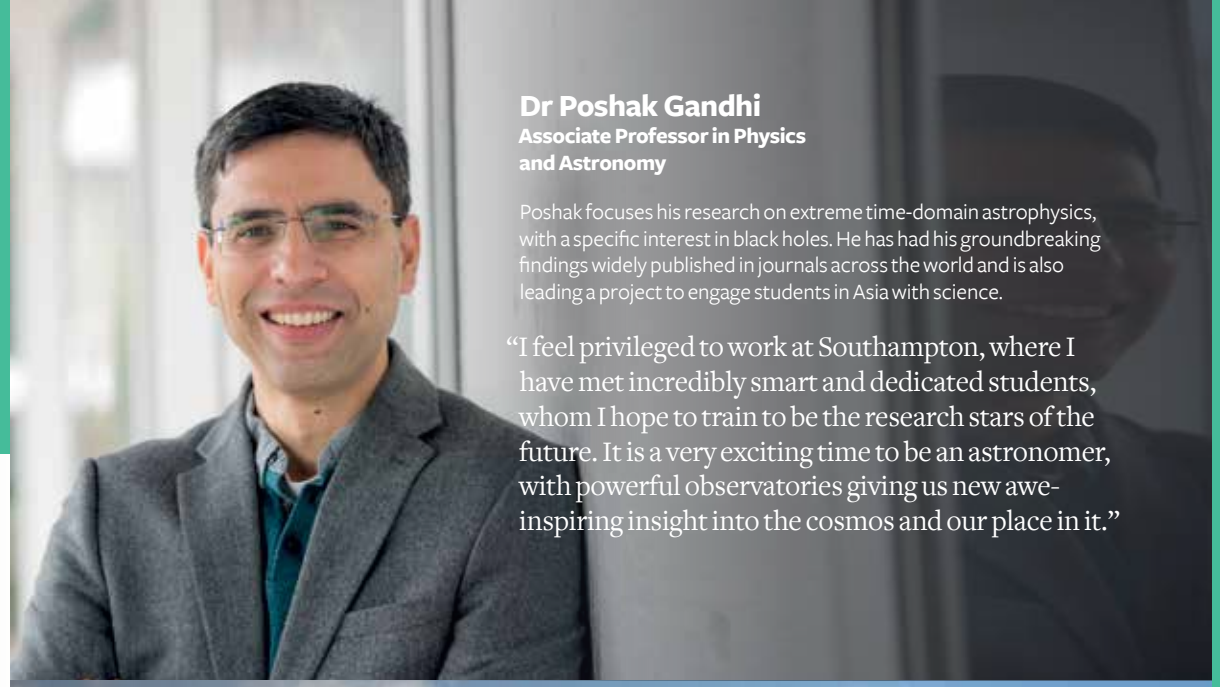
"From reconstructing the daily movements of Neanderthals using isotopes in their teeth, to working out what food they ate from the molecules in their hearths, using science to understand the past inspires me. Southampton is such an excellent place to do this because it is so interdisciplinary. It's great to be able to bring together chemists, geochemists, geologists, biologists and experts in evolution and social behaviour."

Dr Nicola Symonds

Director of nC² Engineering Consultancy in Engineering and Physical Sciences

Nicola is an internationally recognised expert in forensic materials engineering, and through nC² provides investigative services directly to industry and government. She is currently providing forensic support to both the UK Air and Marine Accident Investigation Branches (AAIB and MAIB).

"I regularly employ postgraduate students to support our consultants in solving industrial problems. It's a great opportunity for them to apply their technical skills in a real-life scenario. The postgraduate students are also an invaluable part of the nC² outreach activities, which offer a brilliant platform for the students to give something back while developing their presentation and teaching skills."



Dr Poshak Gandhi

Associate Professor in Physics and Astronomy

Poshak focuses his research on extreme time-domain astrophysics, with a specific interest in black holes. He has had his groundbreaking findings widely published in journals across the world and is also leading a project to engage students in Asia with science.

"I feel privileged to work at Southampton, where I have met incredibly smart and dedicated students, whom I hope to train to be the research stars of the future. It is a very exciting time to be an astronomer, with powerful observatories giving us new awe-inspiring insight into the cosmos and our place in it."

Dr Cathy Lucas

Associate Professor in Marine Biology

Cathy centres her research on how marine ecosystems respond to change. An alumna of Southampton herself, her work has led to the creation of the first global jellyfish database, and she has advised on award-winning television programmes.

"My research on jellyfish blooms has involved collaborating with scientists from America, Australia, South Africa, Japan and several countries in Europe, along with our own postgraduate students. Being at Southampton has given me some amazing research experiences, including blue water diving in the Sargasso Sea, and teaching PhD students based in Namibia. I was thrilled to be a scientific advisor on BBC's *Blue Planet II*."

Alison Richardson

Clinical Professor of Cancer Nursing and End of Life Care

Alison holds a clinical academic appointment, combining clinical practice and research. She works to improve patient care through the generation and application of research, which centres on understanding the experiences of people affected by cancer and other life-limiting illnesses.

"I work with fantastic teams of health professionals at University Hospital Southampton who provide care for people with cancer and support them through the most difficult times. They never cease to impress me with the depth of their compassion and commitment. I also identify gaps in our knowledge, asking searching questions and finding answers through research, to help us provide better care for patients and their families."

Dr Eleonora Rosati

Associate Professor in Intellectual Property Law

Eleonora is an Italian-qualified lawyer who specialises in copyright, as well as fashion and internet laws from an EU, UK and Italian perspective. She is actively involved in her field, providing consultancy and organising events, conferences and training, and is Editor of the Journal of Intellectual Property Law and Practice.

"My research in the field of copyright is not only reflected in my teaching, but has also allowed me to present on topical issues facing this area of the law internationally and for several institutions, as well as participating in official hearings conducted by governments and policy- and law-makers in Europe and Asia."

Kostas Skenderis

Professor of Theoretical Physics in Mathematical Sciences

Kostas's work has provided the first observational evidence of a holographic universe; a concept that could change the way we see reality. His role as Director of the Southampton Theory Astrophysics and Gravity (STAG) Research Centre brings together disciplines and expertise to question the very building blocks of our universe.

"What is the meaning of space and time? Did our universe have a beginning? These are questions asked by humankind since ancient times, and which drive my own research. This is an exciting period for fundamental science and the University of Southampton is the ideal place to pursue such questions."

Dr Rahul Tare

Lecturer in Musculoskeletal Science and Bioengineering

Rahul's research focuses on interdisciplinary strategies encompassing human stem cells and tissue engineering for the regeneration of articular cartilage defects. He seeks to gain insight into skeletal diseases through improved understanding of skeletal development. Rahul is also the Deputy Programme Director for MRes in Stem Cells, Development and Regenerative Medicine.

"I am passionate about developing the next generation of stem cell biologists, tissue engineers and regenerative medicine experts through our innovative postgraduate training programmes. These provide students with a firm foundation to gain advanced scientific, research and transferable skills in a stimulating, multidisciplinary learning environment."

YOUR INTERNATIONAL COMMUNITY

Join students from over 135 countries and become part of our vibrant and diverse international student community.

Living and studying in a different country is a big step, and can be challenging. We support you from the moment you choose to apply, until your graduation.

We offer funding to eligible applicants, help you settle into your new life, and support you on all aspects of living in the UK. Our services and advisors ensure that your studies and life at Southampton are as productive and stress free as possible.

All full-time programmes and courses are available to international applicants unless otherwise specified.

International Office

Our staff from the International Office are always happy to help you, and can answer your questions about living and learning here in Southampton. Teams regularly travel overseas and within the UK to meet potential students at events and exhibitions.

For details of upcoming events, and to book an appointment to meet us at an event near you, please visit **www.southampton.ac.uk/pgp/meetus**

Our staff also attend the Postgraduate Open Day. If you are unable to visit us in Southampton, join us on a Virtual Open Day, where you can explore our campuses and facilities from anywhere in the world: **www.southampton.ac.uk/pgp/virtualopenday**

You can find up-to-date information on the International Office web pages, including over 70 country-specific information pages.

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

Meet and Greet

We know there is a lot to think about when you move to another country to study, so we work to make your arrival as easy as possible.

Your warm welcome to Southampton will start as soon as you arrive. Our free Meet and Greet service will get you to the University in time for the Welcome Programme. This service is available on certain dates from London Heathrow and Gatwick airports. We will meet you when you arrive in the UK, and a special coach service will take you from the airport straight to your accommodation.

Welcome Programme

Every September, we organise a free Welcome Programme for international and EU students, to help you settle into life here. This includes general events to introduce you to our facilities, subject-specific events to begin your academic induction, and a range of social and cultural activities.

There will be opportunities to meet people and make new friends. You will meet other postgraduate students and explore the University and the city, so that you know where you can eat, worship, relax and shop. You will also talk to current international students who will be able to share their experiences and offer some expert advice on student life at Southampton.

You can register for both the Meet and Greet service and the Welcome Programme on our website from July 2019.

Accommodation

Learn more about accommodation options and how to apply for halls on page 30.

Pre-masters

Our pre-masters programme is designed to give you the academic and English language skills you will need to get the most from a taught masters degree. For more information about this programme, see page 43.

English language requirements

For more information on English language requirements, our pre-sessional programme, and how to apply, see page 175, or visit our website.

Student visas and immigration support

Students from outside the European Economic Area (EEA) and Switzerland will normally need a visa to study within the UK. The University has a dedicated visa and immigration support and advice team, who offer free and confidential visa and immigration guidance throughout your studies.

More information about the team and how to contact them can be found online at **www.southampton.ac.uk/pgp/visa**


Highfield campus


'International Foods' store in Portswood


Student studying in the Hartley Library

Most international applicants who need a visa to study in the UK will receive an electronic document called a Confirmation of Acceptance for Studies (CAS) from the University once their offer is unconditional. The CAS is required as part of the visa application process.

Tier 4 visa pilot scheme

The University of Southampton is proud to be one of a small group of universities selected by the Home Office to join its Tier 4 visa pilot scheme. International students who are applying to study postgraduate taught programmes at pilot institutions can benefit from this in a number of ways. Find out more at **www.southampton.ac.uk/pgp/visa**

Fees and funding

For information on scholarships, fees, and funding for international students, please see page 176.

International opportunities

As a truly global university, we have many opportunities for postgraduate students to develop intercultural skills through our clubs and societies, academic projects and summer schools. Enriching your time with us through international experiences can help you stand out and prepare you for a global career. We also offer opportunities for collaboration and study at institutions across Europe and in Australia, India, Japan and Taiwan.

The University is part of the Worldwide Universities Network (WUN) and we encourage postgraduate research students to participate in WUN's broad and innovative portfolio of activities, including opportunities for graduate student exchanges. WUN international partners span the globe, with universities on five continents.

Further information can be found on our website at **www.southampton.ac.uk/pgp/grischeme**

For more information on the wide range of opportunities available, please visit **www.southampton.ac.uk/pgp/studyabroad**

"I think the international student community at the University is very diverse, making it a truly global community. This is critical to the learning process and spices up one's experience, making it more wholesome. There's so much to observe, interact with and learn, and you can hardly go about without meeting someone from your country."

Emmanuel Agbonika
MSc International Management

Find out more:
www.southampton.ac.uk/pgp/international

01

YOUR STUDENT LIFE

Postgraduate study at Southampton is about more than your research; your work-life balance is important too.

Take your place in a diverse and exciting student community, with plenty of opportunities to pursue your passions and try something new.

The Students' Union

When you choose to come to Southampton, you automatically become a member of our Students' Union (known as SUSU). Their mission is to unlock the potential and enrich the life of every student by providing opportunities and facilities to enhance your time here, and offering representation and support on matters to do with your course, finance and accommodation.

The Union offers a wide range of opportunities and activities. From joining one of their student-run media departments or volunteering with local and national charities, to becoming an Academic Representative and looking after students' academic interests while developing your skills, there is something for all tastes and interests.

At SUSU you'll also find fantastic facilities, including a student-run cinema, advice centre, and award-winning food outlets. You can also become a member of Team Southampton, the sporting branch of the Students' Union. With over 90 sports clubs, from windsurfing and Quidditch to yoga and football, the Union has a huge variety of different teams that you can join.

Find out more about what the Students' Union has to offer at **www.susu.org**

Sport

Our sporting facilities are among the best of any UK university. We have fostered Olympic and Paralympic competitors as well as British Universities and Colleges Sports (BUCS) champions.

We have a state-of-the-art sports complex with facilities including a six-lane, 25m swimming pool, a gym with over 140 fitness stations, an indoor climbing wall, three watersports centres, and 20 grass pitches.

Our facilities are located across the city, and a range of membership types, including pay-as-you-go options, allow you to keep fit at a time and location that suits you and your budget.

Join one of over
330
Students' Union sports clubs and societies

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Watch the latest films in our **student-run cinema** for as little as £3

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01 One of the many cafes on our campuses
02 Get involved in Surge Radio
03 Sail to the Isle of Wight with our University Sailing Club
04 Join a sports team and compete at national level
05 Celebrate diverse cultural festivals

Find out more:
www.southampton.ac.uk/pgp/unilife

YOUR CAMPUSES

Our Malaysia Campus is around a **40-minute drive** from Singapore

We have five campuses in Southampton, one in Winchester and an engineering campus in Malaysia. Each of our campuses has its own community and personality, world-leading facilities, and specialisms, and will fast become an ideal base for your research and studies.

Highfield Campus

Our main campus, Highfield, is the largest of our campuses, and the heart of the University. It is home to many of our state-of-the-art research and teaching facilities, and combines a lively and exciting atmosphere with calm, green surroundings.

Malaysia Campus

University of Southampton Malaysia offers PhD research opportunities as well as undergraduate courses and an Engineering Foundation Year. Set within the EduCity development in Iskandar Puteri, Johor, we are in the heart of Malaysia's economic zone.

For more information, visit **www.southampton.ac.uk/pgp/my/postgrad**

Over 150 specialist laboratories can be found at our waterfront campus

£3m has been invested in our Health Sciences building on Highfield Campus, including skills and teaching facilities

Boldrewood Innovation Campus

Our collaboration with Lloyd's Register represents one of the largest business partnerships with any single university in the UK. Our Boldrewood Innovation Campus is a result of this partnership, and is home to the Southampton Marine and Maritime Institute (SMMI) and some of our most cutting-edge facilities.

University Hospital Southampton NHS Foundation Trust

One of the UK's leading teaching hospital trusts, University Hospital Southampton is the base for the study of Medicine and hosts a purpose-built research hub for our Health Sciences clinical academics. It is also home to the University's dedicated Centre for Cancer Immunology – the first of its kind in the UK.

National Oceanography Centre Southampton (NOCS)

Our unique waterfront campus, based at NOCS, is one of the world's leading research centres for the study of ocean and Earth science, with facilities including the Coral Reef Laboratory, our research aquarium, a fleet of research vessels, and the UK's most extensive collection of oceanographic literature.

With 200m of access to the waterfront, the campus is an ideal operational base for the Natural Environment Research Council's (NERC) UK fleet of deep-sea research vessels, and can allow our PhD students unique access to research cruises all over the world.


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We have **invested £2.8m** in our Archaeology building on Avenue Campus

Winchester School of Art (WSA)

Our campus in Winchester enjoys a friendly, lively and creative environment. Founded in 1870, WSA is based 12 miles (20km) north of Southampton in the historic city of Winchester, and is only an hour away from London by train. Our purpose-designed buildings include specialist art and design studios, workshops, a library with special collections and Students' Union facilities.

Avenue Campus

Just a few minutes' walk from Highfield, Avenue Campus is the base for the study of our Humanities subjects. The campus has its own research, education, catering and sports facilities, and is just a short walk from Southampton Common. It is also home to the Centre for Language Study, which offers a wide range of language courses.

01 National Oceanography Centre Southampton (NOCS)
02 University Hospital Southampton NHS Foundation Trust
03 Boldrewood Innovation Campus
04 Highfield Campus
05 Malaysia Campus
06 Avenue Campus
07 Winchester School of Art (WSA)

Find out more and explore our campuses:
www.southampton.ac.uk/pgp/virtualopenday

ACCOMMODATION

Choosing where to live during your postgraduate studies is an important part of your decision-making process. Your new home will provide you with a place to relax after a day of hard work, to meet new people, or to continue your studies in your own space.

It is important that you make the right choice, and here at Southampton we have options to suit your needs.

We have around
1,500 rooms
dedicated to postgraduate accommodation

Halls of residence

All of our accommodation sites offer an excellent study and living environment in which to experience student life as a postgraduate. Living in halls can be a great way to meet fellow postgraduates and be part of a community of like-minded people in dedicated postgraduate accommodation.

Choose from a selection of accommodation types in a number of different locations, all with a range of facilities included in the cost.

The deadline for applications for University accommodation is 1 August 2019.

UK/EU postgraduate students

If you are a UK or EU student, we welcome your application for a place in halls, which we will 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.

International postgraduate students

We offer accommodation to all full-time registered international (non-EU) postgraduate students coming unaccompanied to the University during their first year of study, providing certain criteria are met.

For more information, please see our accommodation guarantee online at **www.southampton.ac.uk/pgp/accommodation/guarantee**

Couples and families

We have a small selection of one bedroom flats suitable for couples, or two bedroom flats for parents with one child. There are also a number of University-owned properties close to the main Highfield Campus that are suitable for families. Please note that accommodation for couples and families is not guaranteed and is in high demand.

The benefits of halls for you

- All utility charges, including contents insurance, wired and wireless internet and a unilink bus pass are included in your accommodation fees
- 24-hour support and advice from Residential Services and the Student Life team
- Facilities in halls including common rooms, bars, launderettes, computer rooms, barbecue areas and study spaces
- 24-hour security and CCTV on all sites

*Unilink buses connect all our Southampton halls sites with our Southampton campuses and the city centre. A unilink bus pass is only available for halls in Southampton


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Halls fees

For the academic year 2018/19, single occupancy weekly room rates for our postgraduate accommodation range from £108.57 to £199.50. The cost is reflective of a number of factors, including how recently the room or flat has been built or refurbished, the location, and the facilities available in the room or on site. Fees for other accommodation options can be found online.

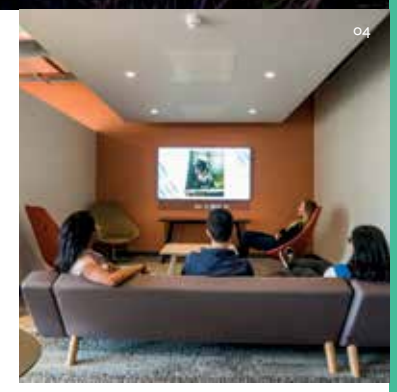
Private rented accommodation

If you do not want to live in halls, or need to find an alternative, then we can help you to find private rented accommodation.

We are a core partner in the Southampton Accreditation Scheme for Student Housing (SASSH), in partnership with Southampton City Council. SASSH advertises properties on a student-only website (www.sassh.co.uk) where the landlord confirms their property complies with SASSH safety and quality standards. SASSH also hosts a message board to help you find people to live with.

The Students' Union has a letting agency to help you find private rented accommodation in Southampton or Winchester. It provides a range of services including full management of properties, let only or room only.

For more information, please visit **www.southampton.ac.uk/pgp/privateaccommodation**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Living costs

When planning your finances you will need to take into account the costs of living, such as food, travel, socialising, course-related costs and clothing. Southampton is a less expensive city than others in the south of England.

For more information, go to **www.southampton.ac.uk/pgp/livingcosts**

01 Mayflower
02 Riverside Way, Winchester
03 Glen Eyre
04 Chamberlain
05 Mayflower
06 Chamberlain

Find out more:
www.southampton.ac.uk/pgp/accommodation

YOUR CITY

Southampton is the city that evolves with you.

With a growing cosmopolitan city centre, vibrant cultural community and international connections, Southampton offers opportunity and exciting experiences, and is the perfect place to discover yourself.

Southampton and its partners have delivered

£2.9bn

worth of development in 5 years

Southampton is one of the most vibrant and lively cities in the south of England and home to around 250,000 people. Just a short bus ride or cycle away from our Highfield Campus, the city centre has everything you need, including an impressive range of independent food and drink outlets, popular shopping centres, arts venues, and sports and leisure facilities.

We are proud of our rich culture. Watch the latest West End shows at the Mayflower – the third-largest theatre outside London – and exciting new productions at the freshly-built NST City venue. The city has hosted international live acts such as The Rolling Stones and Little Mix, and supports independent artists and local music venues. Common People festival brings an exciting weekend of entertainment to the city every year, and the Cultural Quarter, including Studio 144, offers a modern space for visual artists and creatives alike.

Everyone is welcome at the many events hosted by our diverse, multicultural communities throughout the year, including the Southampton Mela, international food festivals and our annual Pride event.

Top 10

safest city to live in the UK*

*Provident Personal Credit *Unbroken Britain* community survey, May 2018


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01 Banana Wharf
02 Hollywood Bowl
03 Common People festival
04 Zizzi restaurant in Southampton
05 Ageas Bowl
06 Shopping at Westquay
07 Dancing Man Brewery
08 The ancient city of Winchester

Southampton is also one of the UK's greenest cities with several large parks situated in its centre, and is close to beautiful natural spaces such as the New Forest National Park and beaches at nearby Bournemouth and Poole.

Our city is well known for its energetic sporting scene. St Mary's Stadium is home to Southampton's Premier League Football Club, and nearby Ageas Bowl boasts national and international cricket. An annual marathon runs through the city centre each year, and our proximity to the sea makes us the ideal location for water sports; Cowes Week, one of the UK's oldest sporting events, takes place just over the water on the Isle of Wight.

What's more, with two mainline train stations connecting us with the rest of the UK, and links with Europe through our own airport, you are never too far from Southampton.

Winchester

Just 12 miles north of Southampton, the ancient city of Winchester offers a wide variety of pubs and restaurants, museums, theatres and galleries. The city is home to Jane Austen's legacy, an impressive 11th century cathedral and the mysterious Round Table of King Arthur. Spectacular architecture lives beside bustling, fashionable shopping streets, making Winchester the ideal home for the University's Winchester School of Art.


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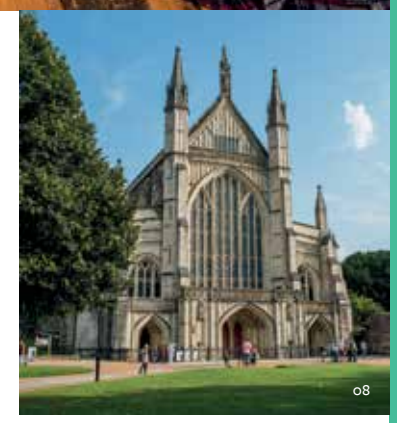
Southampton is the **third best place** to live and work in the UK*

*Good Growth for Cities Index, 2017, DEMOS-PwC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@uni_southampton
See more pictures of the city
#LoveSouthampton

Find out more and take our virtual city tour:
www.southampton.ac.uk/pgp/city

ARTS AND CULTURE

We are proud of our rich and diverse arts scene; from sculpture and theatre, to music and visual arts at our world-class venues, alongside an exciting array of activities and events across the city.

Arts at University of Southampton is your gateway to a vibrant world of arts and culture.

A cultural campus

Our campuses are hubs of culture and home to nationally-renowned arts organisations, venues and artworks. Award-winning venues, Nuffield Southampton Theatres' (NST) Campus and Turner Sims Southampton can both be found on Highfield Campus, and The Winchester Gallery is a public venue at Winchester School of Art (WSA).

Turner Sims is one of the UK's leading music venues, hosting performances from New York jazz to African gospel choirs, virtuoso classical artists and folk music, and offering discounted student admission for most events. NST has developed a profile and reputation for innovation and quality theatre in Southampton and beyond, taking work to London and on tour nationally and internationally.

Arts and Humanities regularly present public events, including the Entropics poetry series and Writers in Conversation, as well as free lunchtime concerts organised by Music.

With over 50 student groups across the creative industries and performing arts, on-site sculptures from international artists including Dame Barbara Hepworth, and student ticket offers alongside outreach and community projects, there is always something to explore and discover.

Connecting with the city

Our arts experiences extend beyond campus; our venues span into Southampton's city centre, alongside a range of galleries, museums and venues.

John Hansard Gallery, located in Studio 144 alongside NST's City venue, is the University's world-leading centre for contemporary art. The Gallery is one of Britain's leading public galleries of contemporary art, hosting international exhibitions, creative events, and learning opportunities.

Studio 144 is part of Southampton's exciting Cultural Quarter; find out more about the city centre on page 32.

John Hansard
Gallery celebrates
40 years of art
in 2019

Arts Council England
awarded £7.2m
funding towards
Studio 144

Turner Sims
hosts over
70 concerts
every year with national and international artists

NST City includes a flexible
450
seat
main house theatre

Find out more:
www.southampton.ac.uk/pgp/arts

4900 Colours (Version I), 2007. Installation view: John Hansard Gallery
ARTIST ROOMS: Gerhard Richter. © Gerhard Richter 2018.
Photo credit: Steve Shrimpton


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Join our community of
2,600
doctoral researchers

THE DOCTORAL COLLEGE

Completing your doctoral research will be challenging, and requires dedication to hard work; but with the right networks, support and tools, you will join the next generation of research leaders and global experts.

The Doctoral College at Southampton leads and directs the support and training for doctoral researchers at the University. Working with academic disciplines and the Professional Services, the College oversees and facilitates opportunities and experiences to help you develop as a researcher in your chosen field.

From providing dedicated training in research skills and professional development, to supporting you with mentoring and supervision from leading experts, the College aims to maximise your potential and create an inspiring environment where you can achieve success, enhancing your postgraduate research experience.

Surrounding yourself with a network of ambitious and passionate colleagues at Southampton will enable you to think creatively, focus and work to your full potential.

"I am in the final stage of my PhD, and one of the things I loved during my journey was finding a huge range of different activities available to postgraduates in our University. The Doctoral College definitely plays a huge role in this, such as organising the Festival of Doctoral Research, which provides a great platform to highlight the groundbreaking research being done in our University, and allows important networks to be built between doctoral researchers and the wider community."

Catarina Moura
PhD Institute for Life Sciences (IfLS), fourth year

Find out more:
www.southampton.ac.uk/pgp/doctoralcollege

@UoSDocCollege

CENTRES OF DOCTORAL TRAINING

Centres of Doctoral Training (CDTs) and Doctoral Training Partnerships (DTPs) are funded by the research councils to give you the focus, learning environment and skills you need to address some of society's biggest challenges, including climate change, energy, our ageing population and high-tech crime.

Southampton hosts a wide range of Centres of Doctoral Training and Partnerships, covering subjects in engineering, arts and humanities, and mathematical, physical, social, environmental and medical sciences, as well as the interfaces between them.

Each Centre offers a four-year postgraduate programme in a supportive, cohort-based training environment. These doctoral programmes are often multidisciplinary, and include formal courses and project work tailored to your backgrounds and research interests, leading on to challenging and original research at PhD level.


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01 Group work in the Hartley Library
02 The tissue lab in our Life Sciences building
03 Preparing for presentations
04 Studying at Boldrewood Innovation Campus
05 Open study spaces
06 One of our many teaching labs
07 Solo study in our Common Learning Spaces

Find out more:
www.southampton.ac.uk/pgp/doctoraltraining

ADVANCE YOUR CAREER

At Southampton, we focus on and amplify your talent and ambition to help you become a leader in your chosen field.

Our networks, industry connections and specialist support teams will enhance your degree and help you to achieve your career goals.

We encourage our postgraduate students to open their minds to a world of career opportunities and pathways, and provide advice and guidance to facilitate success.

Placements and internships

Real-world, industry experience can give you the edge, and we provide many opportunities to make this as easy as possible for you.

Our taught courses offer opportunities such as placements, field trips and exchanges alongside academic excellence.

Work experience opportunities through the Excel Southampton Internship Programme and the Business Innovation Programme are open to all students and provide valuable insights into employment opportunities.

Previous internships have covered a broad selection of industries and have included employers such as Ordnance Survey, GE Aviation, Paris Smith, Mayflower Theatre, and Zurich Insurance.

You can also access volunteering opportunities to enhance your transferable skill set, expand your network, and create a social impact.

Careers Fairs and employer events

Our Careers and Employability Service is passionate about helping you realise and reach your potential.

It regularly hosts high-profile careers fairs that attract over 200 local, national and international graduate recruiters, as well as employer visits on campus, providing you with a valuable network of contacts and an insight into the range of careers open to you.

Workshops and presentations are also available on a wide range of topics to challenge and inspire you when planning your next steps; from mock assessment centres to one-to-one sessions with employers.

Some of the biggest graduate employers have partnered with us to recruit our students, including:

- Deloitte
- BAE Systems
- Fugro
- British Army
- NHS
- National Environment Research Council (NERC)
- Rolls-Royce
- Lloyd's Register
- IBM
- Marwell Wildlife
- British Airways

Advice and guidance

We can help you to find or follow your chosen career path and support you on your journey. The Careers and Employability Service offers students a daily Drop-In Service, skills workshops to help you stand out from the crowd at each stage of the recruitment process, and access to one-to-one guidance appointments with a career practitioner.

Our Career Mentoring Programme allows you to connect with a mentor who can advise you how to increase your employability skills and give you an insight to a specific industry.

Invest in your career

If you are looking to make a career change, or to stand out in an existing role, we have a wide range of courses to help you develop professionally while in the world of work.

We offer flexible, specialist professional development courses, including specialist training courses, degrees and continuing professional development programmes, as well as lifelong learning opportunities. Find out more online at **www.southampton.ac.uk/pgp/cpd**

Enterprise

For those looking to develop their enterprising mindset and skills, start their own business or commercialise their research, we have a year-long programme of activities, support, mentoring, workshops and funding opportunities available to help with this next step in your career. See page 16 to find out more about Southampton's culture of enterprise.

Finding your path

Whether you are working to define your own career goals, or already on your way to achieving them, the combination of a postgraduate degree from Southampton and the support and expertise we provide will give you the edge and drive you to the top.

Find out more:
www.southampton.ac.uk/pgp/careers

"I've had the chance to meet some of my childhood hero authors, including Philip Pullman, and published books including the Waterstones prize-shortlisted *This Mortal Coil*, and *Wizards and Robots* by will.i.am and Brian David Johnson. I hugely enjoyed my MA. Having a year to develop my writing skills at Southampton definitely helped me get where I am today; it was a great stepping stone into the wider world."

Tig Wallace
MA Creative Writing, 2012;
Commissioning Editor, Penguin Random House UK

YOUR STUDY OPTIONS

Taught programmes

We offer a wide selection of over 200 postgraduate taught courses. Benefit from intensive teaching while building on the skills, knowledge and interests you developed during your first degree.

Our taught courses vary in emphasis: some provide essential training leading to research, while 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.

Master of Science (MSc) and Master of Art (MA)

Taking a masters programme at Southampton will give you specialist skills and knowledge in your chosen subject area and the opportunity to develop your technical and research skills. MScs and MAs are usually one year (full time) or two- or three-year (part time) programmes of study that include assessed taught modules and a substantial piece of independent research, for example a dissertation, report or essay. Choose a masters to enhance your career prospects or to diversify into a different area.

Master of Research (MRes)

Our MRes programmes are designed to enable you to become an effective researcher in your chosen field. An MRes differs from an MSc in that it focuses less on taught modules and more on the research project, which generally takes about two-thirds of the year. MRes programmes are usually taken full time over one year.

Postgraduate Diploma (PG Dip) and Postgraduate Certificate (PG Cert)

A PG Dip typically lasts for six months or the equivalent in part-time study (120 credits). A PG Cert comprises at least three months or the equivalent in part-time study (60 credits). Depending on needs and performance, you can usually progress to a masters degree via a PG Dip or PG Cert by accruing credits.

Pre-masters

The Southampton pre-masters is an academically rigorous programme designed to equip international students with the academic and English language skills they will need to get the most from a taught masters degree. A pre-masters can be taken over one or two semesters. Subject to satisfactory performance, participants are guaranteed a place on a range of masters programmes at the University. See page 43 for more details.

Research programmes

We offer a full range of research opportunities, including programmes with taught elements, in a high-calibre research environment.

Research degrees

Doctor of Philosophy (PhD)

Doctoral study takes place in a challenging research environment where you will make an independent contribution to your chosen field. You can expect to complete your research after approximately three years' full-time study. Progression is subject to satisfactory annual reports.

Master of Philosophy (MPhil)

It is also possible to apply for an MPhil in all the research areas where we offer a PhD. The MPhil differs from the PhD in terms of the scope of study required and the extent of the original personal contribution to knowledge. The minimum period of study for an MPhil is one year, but most students enrol for two years. The MPhil is a degree in its own right but if your project is suitable there may, exceptionally, be an opportunity to upgrade to doctoral level.

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 in a research group. Graduation is possible at masters or PhD level, depending on needs and performance. To find out more about these programmes at our Centres of Doctoral Training, see page 37.

As a research student you will be registered on the programme you intend to submit for: MPhil or PhD. You will be required to complete progression reviews at fixed points during the course of your studies. If you are registered for a PhD, you will be required to pass a review to confirm your registration on the PhD programme between 18–21 months after you registered for your full-time studies, or 30–42 months after you registered, if your studies are part time.

Professional doctorates

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)

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

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 receive the same provision as PhD students with regard to supervision, training and progress monitoring.

Engineering Doctorate (EngD)

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

YOUR COURSES

Our wide selection of courses offers you the chance to benefit from intensive teaching and support, while building on the skills and knowledge gained during your first degree.

PRE-MASTERS

Pre-masters programme

The pre-masters is taught by University of Southampton academic staff and all classes are delivered on campus. Subject to satisfactory performance, participants are guaranteed a place on a range of masters programmes at the University.

Pre-masters pathways

The Southampton pre-masters includes the following six pathways:

- Humanities
- Law
- Management
- Mechanical Engineering
- Medicine
- Music
- Winchester School of Art

Who is the pre-masters for?

The Southampton pre-masters can be taken over one or two semesters* and will suit you if:

- you are a non-native English speaker
- you have qualifications or grades that do not meet University of Southampton direct entry criteria for masters-level study
- you feel you need to improve your academic English, study and research skills before pursuing masters-level study

*Please note that some pathways only offer one entry point.

Programme aims

The Southampton pre-masters has the following key aims:

- to enable you to develop skills to address and resolve academic problems critically and reflectively
- to engage you in subject-specific study related to the masters programme you intend to join
- to enable you to develop the academic English language skills essential for success at masters level
- to help you develop the necessary cultural and study skills for effective learning through the medium of English
- to familiarise you with the academic environment at Southampton and introduce you to life in the UK

Progression to masters

Successful completion of the pre-masters will guarantee you a place on a wide range of masters programmes, without the need for a separate application. The full list of available courses can be found on the website. Should you require a visa, it will cover both your pre-masters and masters course.

This programme is delivered by the Academic Centre for International Students (ACIS).

"Because of the pre-masters (programme) I'm now getting distinction in my assignments for the masters programme. Thank you for teaching me critical thinking skills and giving me the chance to practise writing academic essays."

Jabrah Alharbi
MA Applied Linguistics for Language teaching

Find out more

To find out more or download full course and module information visit:

www.southampton.ac.uk/pgp/premasters

For specific enquiries:

T: +44 (0)23 8059 8062

E: premasters-apply@southampton.ac.uk

Taught programmes

ARCHAEOLOGY

Choose Southampton

- Top three in the UK for research power (latest REF, 2014)
- Top three in the UK for forensics and archaeology graduate career prospects (*The Guardian, 2017*)
- Outstanding purpose-built facilities
- Collections of national and international importance (faunal, human, lithics, ground stone, pottery, plant macrofossils)
- Close links with major players in the archaeological and heritage sectors with opportunities for placements during the study programme

Global leader in research with projects and collaborations across the world

MSc Archaeology

MSc Archaeology (Bioarchaeology)

MSc Archaeology (Higher Archaeological Practice)

MSc Archaeology (Palaeoanthropology)

This pathways-based programme has a strong vocational emphasis, preparing you for work in the booming archaeological and heritage sector, and subsequent PhD research. You will engage with hands-on, real-world archaeological materials and situations, including opportunities to collaborate with a range of stakeholders and partners in the archaeological sector through a professional placement.

You can choose to focus on the development of skills and specialisms in one of the pathways – Bioarchaeology, Higher Archaeological Practice or Paleoanthropology – or alternatively can acquire a broad range of skills across these specialisms. Programme content will vary depending on the specialism that you follow.

Each specialism is consolidated by means of compulsory modules that offer firm foundations in your chosen area. This is complemented by diverse optional modules that provide the flexibility to build a bespoke skill-set appropriate to your chosen career path. Engagement with partners in the commercial sector allows you to experience a range of approaches to archaeological practice and their articulation with research-based approaches. The programme is embedded within Southampton Archaeology's distinctive research culture, with world-class expertise, diverse practice, and contacts with the commercial environment and the heritage sector.

Programme structure

MSc Archaeology:
Bioarchaeology

Compulsory modules include: Analysis of Archaeological Faunal Remains; Bioarchaeology of Human Remains; **plus** dissertation

Optional modules include: Paleopathology in Context; Themes in Osteoarchaeology; Molecular Archaeology; Contexts for Human Origins Research; Ecology of Human Evolution; GIS for Archaeology; Professional Practice; Professional Placement in the Archaeological and Heritage Sector

Credit: Black Sea MAP

Divers on a Roman galley in the Black Sea

MSc Archaeology:
Higher Archaeological Practice

Compulsory modules include: Professional Practice, Professional Placement in the Archaeological and Heritage Sector **plus** dissertation

Optional modules include: Cultural Heritage Within Environmental Impact Assessment;The Analysis of Palaeolithic Stone Tool Assemblages; Analysis of Archaeological Faunal Remains; Bioarchaeology of Human Remains; Applied Maritime Archaeology; Paleopathology in Context; GIS for Archaeology; Maritime Museums and Heritage Management

MSc Archaeology:
Palaeoanthropology

Compulsory modules include: Contexts for Human Origins Research; The Analysis of Palaeolithic Stone Tool Assemblages **plus** dissertation

Optional modules include: Ecology of Human Evolution; Analysis of Archaeological Faunal Remains; Bioarchaeology of Human Remains; Paleopathology in Context; Themes in Osteoarchaeology; Materials Technology and Social Life; Molecular Archaeology; Professional Practice; Professional Placement in the Archaeological and Heritage Sector

You may opt to study for an MSc Archaeology without a specialist pathway, in which case you will have a free choice of modules **Plus** compulsory dissertation

All students may choose optional modules from other programmes available in Archaeology

Key facts

Unless otherwise stated

Entry requirements:
A UK bachelors degree with upper second class honours or higher in archaeology, anthropology, history or a related subject. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 6C
IELTS 6.5 overall, with a minimum of 6.5 in reading and writing and 6.0 in listening and speaking or an equivalent standard in other qualifications approved by the University
www.southampton.ac.uk/pgp/el

Duration: one year (full time); two years (part time)

Assessment: essays, practical assignments, projects/portfolios and dissertation

Start date: September

Applying: University application form with degree transcripts and two academic references

Funding: AHRC Commonwealth and University scholarships may be available

Closing date: 1 September

Fees:
www.southampton.ac.uk/pgp/fees

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/arch

For specific enquiries:

T: +44 (0)23 8059 3262

E: hums-pgt-apply@southampton.ac.uk

ARCHAEOLOGY

MSc Business and Heritage Management

The heritage industry is a growing contributor to the global economy. This degree offers a tailor-made curriculum drawing upon both business and archaeology. You will be introduced to the economic and legal principles of global heritage management, museum and site presentation, and how heritage shapes identities and works within climates of development. Your business skills will be developed in finance, marketing, project and risk management. Graduates from this programme will be suited to work in a wide range of roles in the heritage, tourism and construction sectors.

Programme structure

Compulsory modules include: Principles of Risk Management; Maritime Museums and Heritage; Cultural Heritage within Environmental Impact Assessment; Project Management Processes; Presenting the Past; Corporate Finance
Optional modules include: Marketing in the Digital Age; Strategic Management; Applied Maritime Archaeology; Materials, Technology and Social Life
Plus dissertation

Related courses

MA Medieval and Renaissance Culture
Page 98

MA Maritime Archaeology / MSc Maritime Archaeology

Delivered by Southampton's world-leading Centre for Maritime Archaeology, our MA and MSc programmes embrace the theory and practice of maritime archaeology. Core and compulsory modules, common to both pathways, will introduce you to maritime aspects of culture in semester one and the practical application of maritime archaeological skills in semester two. You will investigate and understand submerged landscapes, maritime cultures, shipwrecks, and the history and development of watercraft. The MA and MSc programmes balance practical field-based instruction and experience, lab-based analysis, and computer software familiarity, with the traditional academic rigour required for masters-level study. Where possible, this is informed by active research projects taking place within Archaeology at Southampton, and by our partners within the University such as Oceanography, Ship Science, Maritime Law and Electronics and Computer Science.

Programme structure

Core module: Maritime Aspects of Culture
Compulsory modules: Applied Maritime Archaeology
Optional modules include: Nautical Archaeology; Marine Geoarchaeology; Ancient Mediterranean Seafaring; Maritime Museums and Heritage Management; Cultural Heritage within Environmental Impact Assessment; Palaeopathology in Context; Themes in Osteoarchaeology; Professional Placement in the Archaeological and Cultural Heritage Sector
Plus dissertation

MA/MSc Osteoarchaeology

The programme provides a thorough grounding in the identification and study of human and animal bones from archaeological assemblages and appropriate analytical approaches, including palaeopathological and molecular methods. It will develop your knowledge and understanding of the wider social, cultural and economic issues raised by the interpretation of archaeological bone assemblages, and will provide the necessary skills and knowledge to pursue further research or gain employment in zooarchaeology, human and animal osteoarchaeology, palaeopathology or biological anthropology.

Programme structure

Core module: Dissertation
Compulsory modules: Bioarchaeology of Human Remains; Analysis of Archaeological Faunal Remains
Optional modules include: Contexts for Human Origins Research; Professional Placement in the Archaeological and Cultural Heritage Sector; Materials, Technology and Social Life; Themes in Osteoarchaeology; Palaeopathology in context

"The training I have received has enabled me to teach at the University and beyond, organise public engagement events, and to work on a number of sites. My studies have opened up many doors, and I am working for the British Museum on the animal bone remains from Amara West, a New Kingdom Egyptian town in Northern Sudan."

Ellie Williams
BA Archaeology;
MA Osteoarchaeology;
PhD, 2015, Archaeology lecturer

Research programmes

ARCHAEOLOGY

PhD/ PhD by Distance Learning

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, and 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.

"Following my first MA, I wished to continue my education at Southampton because I had experienced the University and knew what it could offer. I was then fortunate to be awarded a scholarship for a second MA in Maritime Archaeology and for a PhD."

Crystal El Safadi
MA Maritime Archaeology, 2014,
PhD in Archaeology, fourth year

Research themes

- Classical and historical archaeology
- Maritime archaeology
- Osteoarchaeology
- Social prehistory
- Theory, representation and cultural politics

Research centres and groups

- Archaeology for the Creative Industries (ACI)
- Archaeological Prospection Service of Southampton (APSS)
- Centre for Anthropology
- Centre for Maritime Archaeology
- Centre for the Archaeology of Human Origins
- Southampton Ceramics Research Group

www.southampton.ac.uk/archaeology/research/centres.page

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher and a Master of Art at Merit* in archaeology, anthropology, history or a related subject (*typically between 60% and 69% in the UK). See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 6C IELTS 6.5 overall, with a minimum of 6.5 in reading and writing and 6.0 in listening and speaking

Duration: up to four years (full time); up to seven years (part time)

Assessment: progression reviews at fixed points during candidature, thesis and viva voce**

Start date: September and January

Applying: University application form with degree transcripts, two academic references and research proposal and a sample of written work

Closing date: three months prior to the start of the programme (dependent on funding body deadlines)

Funding: AHRC and University studentships may be available

Fees:
www.southampton.ac.uk/pgp/fees

Note: candidates are advised to contact prospective supervisors with the subject of their proposed research prior to application

** For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/arch

For specific enquiries:
T: +44 (0)23 8059 80 62
E: hums-pgr-apply@southampton.ac.uk

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second class honours or higher in a relevant engineering, health or science subject including evidence of relevant observation or work experience, successful completion of two assignments, criminal records and occupational health checks. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 6C, IELTS 6.5 overall, with a minimum of 6.5 in reading and writing and 6.0 in listening and speaking. For more information visit **www.southampton.ac.uk/pgp/el**

Duration: one year (MSc Audiology); two years (MSc Audiology with Clinical Placement). Full time only

Assessment: examinations, individual and group assignments, practical assignments, reflective accounts, critical appraisals, presentations, independent research project

Start date: September

Applying: University application form with transcripts, two academic references, personal statement and two admissions assignments

Closing date: 31 July for one-year MSc Audiology, 30 April for MSc Audiology with Clinical Placement.

Funding: self-funded, employer/ government sponsorship. Refer to our website for possible funding opportunities.

Fees: **www.southampton.ac.uk/pgp/fees**

Taught programmes

AUDIOLOGY

Choose Southampton

- Hosted by the world-renowned Institute of Sound and Vibration Research (ISVR)
- Recognised as a leading postgraduate programme for the accredited training of audiologists
- Our teaching staff include clinical audiologists, research scientists, speech and language therapists and cochlear implant audiologists

The only UK in-house audiology and auditory implant services

MSc Audiology

MSc Audiology (with Clinical Placement)

Our courses will provide you with excellent preparation for a career as an audiologist or with a means to advance your career in audiology. You will learn audiology techniques in practicals, be introduced to patient care in the taster audiology clinics and discover more about cochlear implantation via our in-house auditory implant service. Our two-year MSc Audiology (with clinical placement) includes at least 40 weeks of clinical placement and is accredited by the Registration Council for Clinical Physiologists, making you eligible to register as an audiologist and work in the NHS on completion. We welcome applications from both experienced clinicians and recent STEM graduates. We also have a one-year alternative route to the MSc for non-STEM graduates.

Programme structure

The first year of both programmes is identical.

Semester one modules: Clinical Audiology 1; Rehabilitation of Auditory Disorders; Physiology and Psychology of Hearing; Applied Research Methods

Semester two modules: Clinical Audiology 2; Fundamentals of Auditory Implants; Paediatric Audiology; Assessment and Management of Vestibular Disorders; Research Project

The second year of the MSc Audiology (with Clinical Placement)
The second year consists of a minimum of 40 weeks of clinical placement, which will give you valuable experience in clinical techniques and patient interaction. All your placements will take place in approved audiology services in the UK, Ireland and Jersey.

Key Facts: additional information MSc Audiology (with Clinical Placement)

This course is available to students who are new to audiology. You must apply for the one-year programme and express an interest in clinical placement in your application. You will be required to attend a Placement Visit Day, during which you will take part in a small group task and have an interview with representatives of our placement providers. If you successfully complete these components, we will offer you a placement before you have started the first year.

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/audio

For specific enquiries:
T: +44 (0)23 8059 4651
E: eng-pgt-apply@southampton.ac.uk

Research programmes

AUDIOLOGY

PhD

Our conventional research degrees provide high-level research training and will prepare you for flexible research, academic and senior clinical careers. Our postgraduate research programme is thriving, with audiology students conducting fundamental and applied research in multidisciplinary areas. You can take advantage of our strong links with other research groups in the Institute of Sound and Vibration Research (ISVR), other faculties across the University and institutions internationally. You may also register for a MPhil.

Research centres

Hearing and balance centre

Research themes

Leading edge healthcare and medicine

For the latest information about our research themes, please visit **www.southampton.ac.uk/engineering/researchthemes**

"I always enjoy the practical sessions when we put theory into practice. The professors are all experts in their field while also being very approachable, supportive and patient."

Frosina Stoyanovska
MSc Audiology

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2C, IELTS 6.5 overall, with a minimum of 6.0 in all components

Duration: three/four years (full time); up to seven years (part time)

Applying: interview for shortlisted applicants

Fees: **www.southampton.ac.uk/pgp/fees**

*For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/audior

For specific enquiries:
T: +44 (0)23 8059 7387
E: eng-pgr-apply@southampton.ac.uk

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in biological sciences or closely related discipline. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 1C IELTS 6.5 overall, with a minimum of 5.5 in all components or an equivalent standard in other qualifications approved by the University **www.southampton.ac.uk/pgp/el**

Duration: full time and part time if applicable

Start date: September

Applying: University application form with transcripts, references and CV

Closing date: please refer to course webpages

Funding: contact us for further details

Fees: **www.southampton.ac.uk/pgp/fees**

Find out more

To find out more or download full course and module information visit:

www.southampton.ac.uk/pgp/biosci

For specific enquiries:

T: +44 (0)23 8059 5899

E: biol-pgt-apply@southampton.ac.uk

Taught programmes

BIOLOGICAL SCIENCES

Choose Southampton

- Work with internationally renowned academics on projects that have a real impact on society
- Courses based at our £50m Life Sciences Building, a scientific focal point for researchers, or at the University Hospital Southampton, one of the country's leading teaching hospitals

100% of our research has been rated world leading or internationally excellent for its impact on society (latest REF, 2014)

MSc Neurosciences

Our course will allow you to advance your knowledge of brain function and dysfunction and gain experience in various cutting-edge experimental Neuroscience techniques. You will undertake a research-based project within our internationally renowned research labs and participate in interactive and experimental workshops. Also included in the fee is an opportunity to attend a national or international Neuroscience conference. The course is ideal for those wishing to pursue a career in Neuroscience or work in the Neuro-pharmaceutical industry.

Programme structure

Structure and Function of the Nervous System; Synaptic Function in Health and Disease; Advanced Neuroscience; Glial Development and Biology; Neurodegenerative Disease; Cellular and Molecular Neuroscience; Molecular Pharmacology; Advanced Research Project. For a full list of modules, please see the course page on our website.

"Our MSc in Neurosciences will immerse you in the study of brain and nervous system function in health and disease. You will develop an intellectual understanding of this fascinating subject, engage in the latest scientific research, and discuss emerging issues relevant for Neurosciences in the 21st century."

Dr Amrit Mudher
Associate Professor in Neurosciences

GETTING EXPERIENCE IN THE FIELD

"Professional relationships can be difficult to form in such a competitive industry, so the experience gained from working with the researchers at Marwell Wildlife is unmatched. Marwell is also in contact with organisations all over the world, and I think these connections and experiences are vital for employability in the future."

Carla Broom
MRes Wildlife Conservation

Research programmes

BIOLOGICAL SCIENCES

PhD

Opportunities exist for postgraduate research in line with our seven research themes: Computational and Systems Biology; Developmental Biology; Ecology and Evolution; Microbiology; Molecular and Cellular Biosciences; Neuroscience; Plants and Food Security. Our vibrant graduate school offers a supportive environment for PhD study. Our programmes provide an integrated series of training modules to help you develop your professional and personal skills as well as your scientific expertise. Your research work will be closely supervised and supported to help you reach your full potential.

MRes Advanced Biological Sciences

Our flexible one-year masters course is tailored to your particular interests, and is a stepping stone to further study at PhD level or a gateway to many careers in industry. Our programme offers you the opportunity to develop your scientific knowledge and enhance your skills in research, presentations and scientific communication. In addition to the wide range of modules to choose from, you will undertake an in-depth research project supervised by a leading academic in your specialism. Focused research areas include: Biodiversity, Ecology and Ecosystem services; Biotechnology; Developmental Biology; Microbiology; Neuroscience; Molecular and Cellular Biosciences; Plant Biology and Zoology.

Programme Structure:

For a full list of the wide range of modules you can choose, please see the course page on our website.

MRes Evolution: From Galapagos to the 21st Century

Programme Description:

Our exciting and dynamic multidisciplinary programme demonstrates the importance of evolution across all areas of life in the 21st century. You will have the opportunity to study areas from palaeontology and global change, to engineering and the emergence of disease, and more while working with academics and researchers from across the University to better understand evolutionary processes.

Programme Structure:

Galapagos Field Course (Tropical Marine Biology Field Course); Topics in Evolution from the Galapagos to the 21st Century; Global Change Biology; and two choices from Contexts for Human Origins Research; Evolutionary Developmental Biology; Bioinformatics and Systems Biology; Evolution of Complexity; plus the Research Project. For a full list of modules, please see the course page on our website.

MRes Wildlife Conservation

This course is a unique collaboration between Southampton and Marwell Wildlife, a conservation charity with an action-oriented conservation profile. Unusual in its high degree of interaction between a university and a conservation organisation, this MRes is designed for graduates of biology, zoology, ecology and other relevant disciplines. Our aim is to enhance the evidence base for conservation decision making, and produce individuals with important skills, experience and academic credentials necessary in 21st century conservation biology.

Programme Structure:

You will take two modules in the first semester: Wildlife Conservation and Advanced Quantitative Methods. For your Wildlife Conservation Research Project you can choose from three themes: Species Integrity, Ecosystem Function, or People and Nature. For more information, please see the course page on our website.

Research themes

Computational and systems biology
Using large-scale molecular approaches with bioinformatics and computational biology to address biological questions; Epigenomics, genomics, proteomics and analysis of molecular networks.

Developmental biology
Reproductive and developmental biology; Oocyte meiotic maturation, preimplantation development, extracellular matrix, bone development, origins of health and disease, epigenetics .

Ecology and evolution
Interactions of plants and animals with their environment, across scales from molecular and cellular levels to the whole organism, population and landscape.

Microbiology
Physiology, antimicrobial resistance, development, evolution, genetics and molecular ecology of biofilms, microbiome communities and infectious prions, together with their impact in environmental, agri-food and clinical settings.

Molecular and Cellular Biosciences
Understanding the fundamental cellular and molecular mechanisms that underpin basic biological processes; Structural biology, signalling , response to the environment, health and disease.

Neuroscience
Neurodegeneration, neuroinflammation and an integrative analysis of neural/synaptic function underpinning behavioural plasticity; Investigating Alzheimer's, Multiple Sclerosis and addiction.

Plants and food security
Response of plants to the environment at both molecular and ecological levels, including interactions with and between other organisms including nematodes, insects and microbes; Abiotic and biotic stress.

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in biological sciences or closely related discipline. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 1C IELTS 6.5 overall, with a minimum of 5.5 in all components or an equivalent standard in other qualifications approved by the University
www.southampton.ac.uk/pgp/el

Duration: full time or part time if applicable

Assessment:
MRes: coursework assignments, examinations, research project.
PhD: annual report, thesis, viva voce*, transferable/research skills portfolio

Start date: MRes: please refer to course webpages. PhD: September, but possible throughout the year.

Applying: University application form with transcripts

Closing date: MRes: 31 July. PhD: none, but studentship deadlines may vary

Funding: MRes: contact us for further details. PhD: BBSRC, EPSRC, MRC, NERC, Wellcome Trust, we also welcome self-funded applicants.

Fees:
www.southampton.ac.uk/pgp/fees

*For more information on continued assessment throughout your research programme, see page 41

"The research facilities in Biological Sciences are fantastic. The glasshouse and environmental control rooms (ECRs) are vital to my research within the plants and food security theme, where I am using gene editing techniques in crops to investigate micronutrient nutrition."

Kate Henbest
MRes Advanced Biological Sciences, 2017; PhD, first year

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/biosci

For specific enquiries:
T: +44 (0)23 8059 4348
E: biol-pgr-apply@southampton.ac.uk

BIOLOGICAL SCIENCES

Taught programmes

BUSINESS

Choose Southampton

- AACSB* accredited and innovative degrees in specialist areas of business and management
- Learn from industry leaders and work with world-class academics
- Benefit from regular talks by business leaders, professional skills training and employer visits

Our **11,000+** alumni work for leading companies in over **120 countries**

Master of Business Administration (MBA)

Whether you wish to improve your job prospects, progress within your current field or start your own business, the Southampton MBA will help you to achieve your ambitions.

The MBA is designed for graduates with work experience and focuses on developing leadership skills, while gaining a deeper insight into key business theories and processes.

The part-time MBA can be taken as a Senior Leader Master's Degree Apprenticeship (SLMDA) and is eligible for apprenticeship levy funding.

Programme structure

Full-time and Part-time MBA:

Compulsory modules include:
People & Organisations; Accounting; Digital & Data-Driven Marketing; Operations Management; Corporate Finance; Global Business Environment; Business Analytics and Risk; Strategy & Decision Making; Leading Sustainability, Innovation & Change; Business Project
Optional modules include:
Entrepreneurship & New Venture Design; Business Planning; Maritime Operations & Risk; Maritime Law; Project Management; Supply Management; International Banking; Strategic Brand Communications; Responsible Leadership

Key facts: additional information

Entry requirements: full time – at least three years post-qualification work experience; part time – at least five years managerial work experience.
Duration: full time – one year; part time – two years (plus six months to complete business project)
Applying: University online application form with CV and employer reference
Closing date: full time – 31 July but you are advised to apply as soon as possible; part time – end of August

Students are offered an additional 12 months complimentary CMI membership together with achieving Chartered Manager status–the premier accolade for managers and leaders.

*Association to Advance Collegiate Schools of Business

MSc Accounting and Finance

One of Southampton Business School's most popular masters courses, MSc Accounting and Finance offers a blend of finance and accounting modules that will prepare you for a career in accounting or a wide range of other roles. Students have the opportunity to obtain broader perspectives through modules that discuss audit, taxation, governance and corporate social responsibility.

Programme structure

Compulsory modules include:
Corporate Finance; Equity Markets; Financial Accounting 1 and 2; Foundations of Research in Accounting; Management Accounting 1 and 2
Optional modules include:
International Corporate Governance; International Accounting and Taxation; Financial Reporting and Markets
Plus dissertation

Additional information

Duration: one year (full time)
Subject requirements: Accounting, Auditing or any degree subject with at least seven modules in accounting or auditing. Accounting qualifications such as ACA/ACCA/CIMA also accepted on a case-by-case basis.

MSc Accounting and Management

Offering a blend of subjects found in just a few UK masters courses, MSc Accounting and Management bridges the gap between general business management and specialist accounting courses. It is open to students from a range of academic or professional backgrounds – you don't need training or experience in accounting to join the course. The breadth of subject areas makes it ideal for graduates who would like some experience of different accounting and management subjects before deciding on a career path.

Programme structure

Compulsory modules include:
Accounting for Corporate Performance; Fundamentals of Financial Accounting; Fundamentals of Management Accounting; Marketing in the Digital Age; Managing in a Global Context; Strategic Management
Optional modules include: Foundations of Research in Accounting and Finance; Qualitative and Quantitative Research
Plus dissertation

Additional information

Duration: one year (full time)

"Studying an MBA in the UK has landed me a job in one of the key sectors in Indonesia. My experience studying a UK business case and understanding how UK expertise works has helped me understand my current work better."

Wahyu Sri Pamungkas
MBA, 2017;
Trade and Investment Manager, Department for International Trade, Jakarta

Pre-sessional English Language

If you do not meet the English language requirements for direct entry onto one of our MSc programmes you may be eligible to apply for either our six or eleven week Pre-sessional English language courses.

For more information, contact elaccess@southampton.ac.uk

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher. Work experience considered. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 6C. IELTS 6.5 overall, with minimum of 6.5 in reading and writing and 6.0 in listening and speaking, ; for information on other accepted English language tests, please visit
www.southampton.ac.uk/pgp/el

Assessment: essays, case studies, presentations, coursework, examinations and dissertation

Start date: end of September

Applying: University online application form with transcripts

Closing date: 31 July, but early application encouraged, especially for international students who need to obtain a visa

Fees:
www.southampton.ac.uk/pgp/fees

Funding: Generous scholarships are available. For more information, visit
www.southampton.ac.uk/pgp/busf

Deposits: students on full-time taught programmes must pay a deposit to secure their place within 32 days of accepting the University's offer (£250 for UK/EU students; £1,000 for international students); deposits can only be refunded in certain circumstances as set out in the relevant terms and conditions. Deposits are offset against tuition fees on enrolment.

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/bus

For specific enquiries:
T: +44 (0)23 8059 6954
E: sbs-pgt-apply@southampton.ac.uk

BUSINESS

MSc Business Analytics and Finance

This programme provides training in the application of management science, particularly in financial organisations, and the underpinning concepts and approaches used in financial modelling. It will suit graduates with a numerate but not necessarily highly mathematical background. Optional modules are shared with the MSc Operational Research and Finance offered by Mathematics. Most dissertation projects involve a placement or working closely with a company. Industrial liaison officers work throughout the year finding suitable projects with industry.

Programme structure

Compulsory modules include: Corporate Finance 1; Credit Scoring and Data Mining; Introduction to Portfolio Management and Exchange-traded Derivatives; Optimisation and Decision Modelling; Quantitative Research Methods; Simulation
Optional modules include: from a wide range, covering specialised techniques and further applications in finance
Plus dissertation

Additional information

Duration: one year (full time)
English language: the current requirements are subject to change for 2019 entry

MSc Business Analytics and Management Sciences

This MSc involves applying a wide variety of techniques and approaches for tackling real-life problems in businesses involving complex decision making. These usually result in improved processes, productivity and performance, with significant cost savings and increased revenues. Following the taught modules, the dissertation is in the form of a three-month project, usually involving a placement or working closely with a company.

Programme structure

Compulsory modules include: Quantitative Methods; Consultancy Skills; Optimisation and Decision Modelling; Simulation; Introduction to Business Analytics and Management Sciences; Operations Management; Project Management; Negotiation Skills; Introduction to Python
Optional modules include: from a wide range of options in Management and from the MSc Operational Research offered by Mathematics eg Systems Thinking; Problem Structuring; Healthcare Modelling; Credit Scoring and Data Mining; Project Risk Management; Game Theory; Forecasting
Plus dissertation

Additional information

Duration: one year (full time); two years plus six months for dissertation (part time)
English language: the current requirements are subject to change for 2019 entry

MSc Business Strategy and Innovation Management

This programme aims to respond to those interested in strategic thinking and the challenges of developing new products and services, providing you with knowledge and skills that can be used in a wide range of organisations. You will learn about latest developments in strategy and innovation, including recent trends in responsible and service innovation. This MSc also looks at how theories and concepts can be applied practically in a real-world setting.

Programme structure

Compulsory modules include: Global Strategies for Growth; Sustainable and Responsible Innovation; Service Innovation Management; Innovation and Technology Transfer; Current Trends in Strategy and Innovation Management; Qualitative and Quantitative Research
Optional modules include: Enterprise, Entrepreneurship and New Business Venturing; Social Enterprise and Entrepreneurship; Marketing in the Digital Age; Consultancy Skills; Global Entrepreneurship; Retailing in the Digital Age; Project Management; Operations Management
Plus dissertation

Additional information

Duration: one year (full time)

MSc Digital Business

Learn from industry leaders at the frontier of the digital and sharing economy sector on this innovative MSc. Informed by our academics' unrivalled research strengths in the field, it will prepare you to start your own digital business or implement digitally enabled innovative practices within existing organisations.

Programme structure

Compulsory modules include: Digital Business; Digital Entrepreneurship; Quantitative and Qualitative Research; Web Applications; Web Architecture; Interdisciplinary Thinking
Optional modules include: Innovation and Technology Transfer; Enforcement of IP Rights over the Internet; Online Intellectual Property Enforcement; The Science of Online Social Networks; Computational Thinking; Semantic Web Technologies; Open Data Innovation; Advanced Digital Communications

Additional information

Duration: one year (full time)

MSc Digital Marketing

One of just a few specialist digital marketing masters degrees in the UK, this course will bring you up-to-date with the latest digital marketing concepts and techniques, equipping you for a career in this exciting and dynamic industry. The course reflects the latest thinking in the field, informed by expertise within the Business School and our cross-disciplinary links with the University's Web Science Institute, a globally renowned centre for Web research.

Programme structure

Compulsory modules include: Advanced Digital Communications; Building Customer Insight; Marketing Communications and Media Management; Design Thinking in Marketing; Marketing in the 21st Century; Retailing in the Digital Age; Web Analytics; Web Applications; Designing and Managing Research Projects
Plus dissertation

Additional information

Duration: one year (full time)

MSc Entrepreneurship and Management

This programme is specifically designed to respond to those interested in entrepreneurship, innovation and creativity. It examines the fundamentals of strategies and business processes, seeks to promote innovation and creativity in organisations, and develop the individual's knowledge of entrepreneurship and enterprise development.

Programme structure

Compulsory modules include: Enterprise, Entrepreneurship and New Business Venturing; Social Enterprise and Entrepreneurship; Global Strategies for Growth; Quantitative and Qualitative Research; Innovation and Technology Transfer; Global Entrepreneurship
Optional modules include: Advanced Digital Communications, Retailing in the Digital Age; Sustainable and Responsible Innovation; Strategic Management; Consultancy Skills; Marketing in the Digital Age; Comparative and International People Management; Strategic Marketing Decisions; Decision Making in Practice
Plus dissertation

Additional information

Duration: one year (full time)

"The course is well designed and organised, and the lecturers are also very inspiring. The study includes but is not limited to theoretical lectures, practical lab sessions, and seminars/ talks with experienced professionals."

Binh Dinh
MSc Business Analytics and Finance

MSc Finance
subject to revalidation
(see page 175)

This popular masters degree provides a firm foundation for a career in the finance sector, whether you choose to go into banking, finance or insurance. It covers the core areas of finance with an emphasis on quantitative and analytic techniques, enabling you to develop the financial analysis, modelling and forecasting skills that employers are looking for.

Programme structure

Compulsory modules include:
Introduction to Finance; Introduction to Portfolio Management and Exchange-traded Derivatives; Quantitative Finance; Advanced Corporate Finance; Advanced Time Series Modelling
Optional modules include:
International Finance; Behavioural Finance; Stock Market Analysis; Management of Financial Risk; Derivative Securities Analysis; Fixed Income Securities Analysis
Plus: dissertation

Additional information

Duration: one year (full time)

MSc Human Resource Management
subject to revalidation
(see page 175)

Prepare for success in human resource management anywhere in the world on this professionally accredited MSc. Its analytical, evidence-based approach and global perspectives fuse with an emphasis on developing a reflective practitioner to distinguish it from many UK masters in HRM. Facing contemporary debates and challenges in the field, and spanning both operational and strategic issues, this masters degree provides an excellent foundation for a career in general or specialist HR management roles. The programme is accredited by the CIPD so successful graduates can join the practitioner organisation.

Programme structure

Compulsory modules include:
Contemporary Issues in human resource management (HRM); Employee Relations; Organisation Development; Qualitative and Quantitative Research; Strategic HR Development; Strategic HR Management; Key skills in communication and HRM
Optional modules include:
International and Comparative HRM or European Labour Markets
Plus dissertation

Additional information

Duration: one year (full time)
English language: band 2D, IELTS 7.0 overall, with 6.0 in each component

MSc International Banking and Financial Studies

This programme offers rigorous training in the theory and practice of international banking and finance and familiarity with key concepts and techniques in international banking. This includes an understanding of the fragility and pitfalls of international banking and its role in supporting the economy. The programme has an international focus and will hone your skills in the practical application of financial techniques in a real-world setting.

Programme structure

Compulsory modules include:
Corporate Finance 1 and 2; Financial Risk Management; International Banking; Quantitative Research Methods in Finance
Optional modules include: Derivative Securities Analysis; Fixed Income Securities Analysis; Introduction to Portfolio Management and Exchange-traded derivatives; Stock Market Analysis; International Finance; Behavioural Finance; Development Finance and Sustainability
Plus dissertation

Additional information

Duration: one year (full time)
Funding: Sir Edward Holden Educational Trust bursary available for self-funded students

MSc International Financial Markets

Through in-depth study of topics such as financial risk management and stock market analysis, this highly specialised MSc will give you the theoretical knowledge and practical experience to forge a successful career as a trader or financial manager anywhere in the world.

Programme structure

Compulsory modules include:
Corporate Finance 1 and 2; Financial Risk Management; Fixed Income Securities Analysis; Stock Market Analysis; Introduction to Portfolio Management and Exchange-traded Derivatives
Optional modules include: Derivative Security Analysis; Quantitative Research in Finance; International Finance; Behavioural Finance
Plus dissertation

Additional information

Duration: one year (full time)

MSc International Management
subject to revalidation
(see page 175)

This MSc offers broad knowledge and understanding of organisations, how they operate and how they are managed, and covers the full range of key management disciplines in a global market. There is an experientially practical component held off campus, which gives students the opportunity to develop team and leadership skills.

Programme structure

Compulsory modules include:
Induction; Career Management in a Digital Age; Accounting and Control; International Marketing; Organisational Effectiveness Part 1; Organisational Effectiveness Part 2; Strategic Management; Responsible Leadership; Managing in a Global Context; Operations Management; International Corporate Social Responsibility; Project Management; Risk-taking and Decision-making; Quantitative and Qualitative Research Methods
Plus dissertation or business project

Additional information

Duration: one year (full time)

MSc Knowledge and Information Systems Management

With an emphasis on the way organisations share and create knowledge, as well as the effective development, use and management of information systems, this MSc integrates the technical, managerial and social aspects of these subjects. You'll gain a broad perspective on the way organisations and individuals use digital technologies that will be highly valued by employers.

Programme structure

Compulsory modules include:
E-business and Human–Computer Interaction; Information Systems Development; Information Systems Management and Strategy; Introduction to Knowledge and Information Systems Management; Knowledge Management and Business Intelligence; Qualitative and Quantitative Research; Problem Structuring; Systems Thinking; Web Applications
Optional modules include: topics relevant to information systems
Plus dissertation

Additional information

Duration: one year (full time); two years plus six months for dissertation (part time)

BUSINESS

MSc Marketing Analytics

Southampton Business School offers the only course in the UK specialising in marketing analytics. Our MSc in Marketing Analytics will provide you with the knowledge and practical skills to unlock the potential of big data to inform sound marketing strategies, preparing you for a successful career in this fast-growing sector.

Programme structure

Compulsory modules include:
Marketing in the 21st Century; Building Customer Insight; Data Analytics; Text Mining and Social Network Analytics; Designing and Managing Research Projects; Web Analytics; Credit Scoring and Data Mining; Using Big Data for Consultancy
Optional modules include: Consultancy Skills; Project Management; Luxury Marketing; Digital Marketing; Strategic Brand Management; SAS Software for Data Analysis and Modelling; Forecasting; Revenue Management
Plus dissertation

Additional information

Duration: one year (full time)

MSc Marketing Management

With its unique focus on the digital and analytical aspects of marketing, MSc Marketing Management will equip you with the skills employers are looking for. You'll gain a thorough grounding in key marketing concepts and techniques, both online and offline. A choice of optional modules, such as the popular Luxury Marketing module, will enable you to pursue your career interests. You'll learn from active researchers whose close links with industry ensure the course reflects the latest thinking in the sector.

Programme structure

Compulsory modules include:
Introduction to Marketing; Customer Insight; Integrated Marketing Communications; Measuring Marketing Effectiveness, Strategic Marketing Decisions; Designing and Managing Research Projects; Data Driven Marketing; Digital Marketing
Optional modules include: Data Analytics; Luxury Marketing; Strategic Brand Management; Business Ethics; Web Analytics; Design Thinking in Marketing; Project Management
Plus dissertation

Additional information

Duration: one year (full time)

MSc Project Management

This dynamic and engaging programme aims to provide you with relevant theoretical and practical knowledge of the core areas of project management. The compulsory modules provide a foundation in project management concepts, while the wide range of optional modules allows you to enhance your knowledge and understanding in many related disciplines. Further specialisation can be achieved through the dissertation. Successful completion of this MSc will give you confidence in pursuing a career in the fast-growing project management profession.

The programme welcomes applicants from a wide range of disciplines. Having work experience would be an advantage and might be used against certain entry requirements – this will be decided on a case-by-case basis.

Programme structure

Compulsory modules include:
Project Management: People and Organisations; Project Management: Processes; Project Risk Management; Decision-making and Analysis in Projects
Optional modules include: Business Ethics; Accounting and Control; Managing within a Global Context; Systems Thinking; Consultancy Skills; Problem Structuring; Enterprise; Entrepreneurship and New Business Venturing; Knowledge Management and Business Intelligence; Quantitative and Qualitative Research Methods; International and Comparative Human Resource Management
Plus dissertation

Additional information

Duration: one year (full time)
Applicants: The programme looks for highly enthusiastic, dynamic analytical students who are willing to actively work in diverse teams and contribute as best as they can. You may participate in extra-curricular activities, such as a regional project management competition. There will also be opportunities to engage with project management professional bodies.

"The University provides an environment for growth, broad knowledge and a boost of confidence. Each lecture has pushed me mentally, and that has allowed me to develop skills such as critical thinking and decision making."

Kamryn Minors
MSc Project Management

MSc Risk and Finance

This programme will suit numerate graduates from a broad range of subjects seeking specialist knowledge of risk and finance. The programme is an alternative to masters programmes in operational research, finance or financial risk management. It provides you with appropriate theories, models and techniques to reflect critically on how people use financial products and improve practice. You can access industry-related resources and various databases eg Bloomberg, Datastream, FitchConnect and WRDS. You will be awarded credits from the Chartered Insurance Institute and the Institute of Risk Management. You can pursue a career in the financial sector as investment bankers, fund managers, risk analysis or in other industries as financial analysts or risk managers.

Programme structure

Compulsory modules include:
Introduction to Finance; Principles of Risk Management; Behavioural Finance; Risk-taking and Decision-making; Management of Financial Risk; Quantitative and Qualitative Research
Optional modules include: Simulation; Quantitative Methods; Stock Market Analysis; Corporate Risk Management Processes; Business Ethics; Problem Structuring; Advanced Corporate Finance; Project Risk Management; Insurance; Credit Risk Modelling and the Basel Accord; Credit Scoring and Data Mining
Plus dissertation

Additional information

Duration: one year (full time)

MSc Risk Management

This degree is one of a few UK masters courses to cover risk management theory and practice within a broad framework, with applications across a range of sectors. It gives you the freedom to explore your own interests through optional modules in areas such as finance, quantitative methods or corporate security. You'll be taught by academics at the forefront of risk management research, including world-leading experts in decision making in uncertain environments and project risk. You'll also benefit from close links with the Business School's Centre for Risk Research, the only specialist centre of its type in a Russell Group university. In addition, the course is accredited by two UK risk and insurance professional bodies.

Programme structure

Compulsory modules include:
Corporate Risk Management Processes; Insurance; Principles of Risk Management; Project Risk Management; Quantitative Methods; Risk-taking and Decision-making; Qualitative and Quantitative Research
Optional modules include: Business Ethics; Consultancy Skills; Corporate Finance; Credit Risk Modelling and the Basel Accord; Credit Scoring and Data Mining; Financial Risk Management*; Game Theory for Business; Healthcare Modelling; Problem Structuring; Simulation; Multivariate Statistics for Data Mining
Plus dissertation
* available to students whose previous study is sufficiently finance related

Additional information

Duration: one year (full time); two years plus six months for dissertation (part time)

MSc Supply Chain Management and Logistics

This programme aims to train future managers and researchers from a diversity of backgrounds with an academically challenging exposure to state-of-the-art mathematical methods of supply chain and logistics management. The range of subjects reflects the expertise and areas of research of the academic staff, and covers (but is not limited to) operations management, optimisation, simulation, risk management, and data mining methods.

Programme structure

Compulsory modules include:
Computational Methods for Logistics; Integrated Logistics; Optimisation and Decision Modelling; Principles of Supply Chain Management; Purchasing and Supply Management; Quantitative Methods
Optional modules include: Credit Scoring and Data Mining; Forecasting; Game Theory for Business; Problem Structuring; Risk-taking and Decision-making; Project Risk Management; Simulation; Introduction to Python
Plus dissertation

Additional information

Duration: one year (full time)
English language: the current requirements are subject to change for 2019 entry

BUSINESS

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours and normally a Master of Science at Merit*(*typically between 60% and 69% in the UK or higher). See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 6C, IELTS 6.5 overall, with a minimum of 6.5 in all components. For more information visit
www.southampton.ac.uk/pgp/el

Duration: PhD (full time): maximum four years (minimum two years) PhD (part time): maximum seven years (minimum three years) DBA: three to seven years (part time)

Assessment: research methods course, annual progressions reviews including confirmation of the PhD status in year two, final thesis and viva voce*

Start date: October and February

Applying: University application form with certificates, transcripts, research proposal, CV and references

Fees and Funding: University and other scholarships available - see course pages
www.southampton.ac.uk/pgp/fees

*For more information on continued assessment throughout your research programme, see page 41

Research programmes

BUSINESS

PhD

We provide supervision across a broad range of topics: accounting; accountability and governance; corporate social responsibility; entrepreneurship; innovation; business model innovation; strategy and decision-making; corporate finance; financial markets; banking; healthcare management; information technology and information systems; management science; logistics, transportation and supply chain management; marketing and data driven marketing; digital analytics; risk management; organisational behaviour; leadership; human resource management; and sustainability.

Doctorate of Business Administration (DBA)

Make a step change in your career by studying for a Doctorate of Business Administration (DBA) at Southampton Business School. The DBA is equivalent to a PhD, but focuses on high-level strategic business problems rather than purely academic questions. Supervised by expert academics, you'll apply the latest concepts and methodologies to a real-world issue within your organisation or business sector.

Additional information

Minimum seven years' work experience, with substantial managerial or equivalent role. MBA or MSc (preferably management-related) or professional business qualification

"I have found that completing a Doctorate of Business Administration (DBA) with the University of Southampton has opened new doors for me. My potential for a portfolio career has increased greatly and I have the option of a much wider range of interesting and challenging career opportunities."

David Grady
First DBA graduate (2017);
Head of Customer and Product Analytics, RBS International

Research centres

- Accounting, Accountability and Governance
- Banking, Finance and Sustainable Development
- Digital Finance
- Inclusive and Sustainable Entrepreneurship and Innovation
- Research on People and Organisational Change
- Risk Research Computational Finance & Business Analytics
- Centre for Operational Research, Management Sciences and Information Systems (CORMSIS)

Find out more about our centres:
www.southampton.ac.uk/sbs-research

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/bus

For specific enquiries:
T: +44 (0)23 8059 2562
E: sbs-pgr-apply@southampton.ac.uk

OPEN DAYS AND VISIT AFTERNOONS

Find out what Southampton has to offer you at postgraduate level at our next Open Day, or at one of our Visit Afternoons. You'll have the chance to explore our facilities, make yourself at home on our campus, and speak to our academics or representatives and current postgraduate students.

Find out more:
www.southampton.ac.uk/pgp/visit

Taught programmes

CHEMISTRY

Choose Southampton

- 100 per cent of our research rated world leading or internationally excellent for the research environment for staff and students (latest REF, 2014)
- Delivered by world-class researchers in an exciting and dynamic environment
- Silver Award for Athena SWAN* recognising continuing efforts to promote opportunities for all

*Scientific Women's Academic Network

Home to the **UK's National Crystallography Service**, providing key structural insights into new molecules and materials

MSc Chemistry

Our one-year course combines the opportunity to take modules from a wide range of cutting-edge fields in chemistry with sessions on practical, technical skills, scientific writing, communication and presentation, and a three month summer project. You will study at an advanced level, covering both the traditional core areas of analytical, inorganic organic and physical chemistry, as well as more specialist courses. In this programme you can tailor your choice of modules to specialise in pathways in: Organic synthesis; Inorganic and Materials Chemistry; Physical Chemistry; General Chemistry.

Programme structure

Advanced Inorganic Chemistry; Advanced Bioorganic Chemistry; Advanced Physical Chemistry; X-ray Diffraction: Theory and Application; Medicinal Chemistry; Sustainable Chemistry; Supramolecular Chemistry; Nuclear Magnetic Resonance Spectroscopy. For a full list of modules, please see the course page on our website.

MSc Electrochemistry and Battery Technologies

Electrochemistry and its application in electrochemical engineering is an increasingly important area of science and technology, with relevance to energy (batteries, fuel cells and solar cells), corrosion, sensors, waste treatment, metal finishing and the electronics industry. Our programme will provide you with a background in both the fundamental and applied aspects of electrochemistry with an emphasis on battery technologies, enabling you to pursue a variety of rewarding careers.

Programme structure

Introduction to Electrochemistry I & II; Scientific Writing and Presentation Skills; Practical Techniques in Electrochemistry; Modelling in Electrochemistry; Battery Technologies and their Applications; Battery Materials and Characterisation; Practical Techniques in Battery Research. For a full list of modules, please see the course page on our website.

"I'm having the most comfortable and nurturing experience of study and research – spending most of my time in a research environment has helped me grow professionally and keep me motivated."

Pooja Vemuri
MSc Chemistry by Research

MSc Instrumental Analytical Chemistry

Our programme is structured around a solid core comprising of three main analytical techniques – mass spectrometry, NMR spectroscopy and X-ray diffraction – each containing common themes (data collection, analysis and management). Supporting modules serve to embed themes of good laboratory practice, facility management and enterprise. The research project offers you the opportunity to explore any of the main themes directly or as part of a collaborative synthetic/analytical investigation.

A student adds a sample tube to one of our Nuclear Magnetic Resonance (NMR) instruments

Programme structure

Mass Spectrometry: Theory and Application; NMR Spectroscopy: Theory and Application; X-ray Diffraction: Theory and Application; Chemistry MSc Advanced Research Project; Chromatography: Theory and Application; Group Analytical Project; Ethics in Science; Engineering and Technology: Jekyll and Hyde. For a full list of modules, please see the course page on our website.

MSc Chemistry by Research

Our MSc Chemistry by Research offers our students advanced lecture modules in your area of specialisation creating a bespoke degree with a 12 month individual research project. It offers specialisation in characterisation and analytics, chemical biology, computational systems chemistry, electrochemistry, flow chemistry, magnetic resonance, organic and inorganic synthesis materials, supramolecular chemistry.

Programme structure

For a full list of modules, please see the course page on our website.

MSc Magnetic Resonance

subject to validation (see page 175)

Nuclear magnetic resonance spectroscopy is a crucial analytical technique, providing invaluable insights for synthetic chemistry, materials science, and biology. In this unique MSc course, you will receive a thorough education in the physical and technical foundations of magnetic resonance, along with hands-on practical experience on cutting-edge magnetic resonance equipment. This will place you in a strong position to pursue a career in industrial or academic research focused on the development or application of magnetic resonance techniques.

Programme Structure:

Spin Dynamics; Practical Aspects of Magnetic Resonance Research; Advanced Topics in Magnetic Resonance; Scientific Writing; Individual Research Project. For a full list of modules, please see the course page on our website.

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in biochemistry, physics, polymer science, environmental sciences, material science, mathematics or closely related discipline. See international equivalent qualifications.
www.southampton.ac.uk/pgp/entry

English language: band 1C IELTS 6.5 overall, with a minimum of 5.5 in all components or an equivalent standard in other qualifications approved by the University
www.southampton.ac.uk/pgp/el

Duration: full time or part time if applicable

Assessment: examination , coursework and research project

Start date: September

Applying: University application form with transcripts; all applicants are interviewed in person, by telephone or Skype

Closing date: 31 July (30 June for funding applications)

Funding: contact us for further details

Fees:
www.southampton.ac.uk/pgp/fees

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/chem

For specific enquiries:
T: +44 (0)23 8059 5899
E: chem-pgt-apply@southampton.ac.uk

CHEMISTRY

Key facts

Unless otherwise stated

English language: band 1C IELTS 6.5 overall, with a minimum of 5.5 in all components or an equivalent standard in other qualifications approved by the University
www.southampton.ac.uk/pgp/el

Assessment: examination, coursework and research project. For PhD; annual report, thesis and viva voce*

Applying: University application form with transcripts; all applicants are interviewed in person, by telephone or Skype

Funding: UK/EU: fully funded by research councils EPSRC, BBSRC, NERC and MRC, voluntary organisations, EU funding and US government sources (industrial studentships also available); international fully and partially funded projects; bursaries for self-funded overseas students available

Fees:
www.southampton.ac.uk/pgp/fees

Additional costs: pre-sessional language course fees and associated accommodation if required; living costs, accommodation fees and study materials

*For more information on continued assessment throughout your research programme, see page 41

Research programmes

CHEMISTRY

PhD

Our PhD programme allows you to be part of the cutting-edge, world-leading research taking place in Chemistry. You will be supported by your supervisory team in becoming a professional scientist able to carry out scientific research to a very high standard, make professional presentations, write research proposals and papers, provide leadership and manage the work of others. We encourage and support our PhD students to achieve the highest standards possible. This is reflected in the fact that the majority of our PhD students go onto successful research careers in academia or industry.

Key facts: additional information

Entry requirements: first- or upper second-class degree in chemistry or chemistry-related subject
Duration: three to four years (full time); up to six years (part time)

MPhil Chemistry

The MPhil focuses on the design and execution of an original research project, which occupies most of the year, with remaining time devoted to courses associated with postgraduate training.

Key facts: additional information

Duration: one year (full time), up to three years (part time)

Theory and Modelling in Chemical Sciences Centre of Doctoral Training

Theory and computer modelling play an increasingly central role in chemical and allied sciences, providing the means to understand, predict and design new molecules and materials. This CDT combines the expertise of groups in the Universities of Southampton, Bristol and Oxford to transform graduate-level training in computational and theoretical chemistry. Students will receive integrated, in-depth training in the core activities of fundamental theory, software development, and application to contemporary research challenges.

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/chemr

For specific enquiries:

PhD Research
T: +44 (0)23 8059 4121
E: chem-pgr-apply@southampton.ac.uk

Masters by Research
T: + (0)23 8059 5899
E: chem-pgt-apply@southampton.ac.uk

Main research areas

- Characterisation and analytics
- Chemical biology
- Computational systems chemistry
- Electrochemistry
- Flow chemistry
- Magnetic resonance
- Materials
- Organic and inorganic synthesis
- Supramolecular chemistry

Related Courses

MSc Chemistry by Research
page 65

LEADING EXCELLENCE IN INNOVATIVE TEACHING

"I bring chemistry to life through imaginative use of technology, empowering students to take responsibility and set high expectations. I greatly value the opportunity to impact positively on the next generation of teaching-focused academics, and hope to continue this work for many years to come."

Professor David Read
Professorial Fellow in Chemical Education;
Head of Education in Chemistry;
National Teaching Fellow

Taught programmes

ECONOMICS

Choose Southampton

- At the forefront of research into labour markets, factors affecting the pharmaceutical industry and the movement of populations
- Offering specialist training in econometrics techniques and their application to finance
- Run your own experiments in the behavioural economics laboratory

Bloomberg terminal suite on campus

to simulate City trading

MSc Economics

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. We will give you the training necessary for a career as an economist in the public or private sector, or to undertake independent research.

Programme structure

Compulsory modules include: Macroeconomics; Microeconomics; Quantitative Methods.
Optional modules: Economic Policy in Development; Finance; Panel Data and Microeconometrics; Time Series Econometrics; Financial Derivatives; Financial Econometrics; Industrial Economics; International Trade; Labour Economics; Principles of Corporate Finance
Plus dissertation
Plus two-week module in mathematics and statistics before start of the course
Note: options may vary from year to year

MSc Finance and Economics

This programme will equip you with the specialist skills and knowledge to pursue a career at a high level in 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 include: Economic Analysis; Financial Economics and Asset Pricing; Quantitative Methods; Principles of Corporate Finance; Financial Derivatives
Optional modules: Financial Econometrics; Economic Policy in Development; Health Policy and Economics; Panel Data and Microeconometrics; Time Series Econometrics; Industrial Economics; International Trade; Labour Economics
Plus dissertation
Plus two-week module in mathematics and statistics before start of the course
Note: options may vary from year to year

MSc Finance and Econometrics

This programme offers students a rigorous training in econometrics and provides the broad knowledge needed to operate as finance specialists. It is designed for students with a particular interest in the more quantitative aspects of the subject and is one of the few programmes in the UK to offer specialist training in advanced econometric techniques and their application to finance.

Programme structure

Compulsory modules include: Economic Analysis; Quantitative Methods; Financial Economics and Asset Pricing; Principles of Corporate Finance; Time Series Econometrics; Panel Data and Microeconometrics
Optional modules: Financial Econometrics; Economic Policy in Development; Health Policy and Economics; Industrial Economics; International Trade; Labour Economics
Plus dissertation
Plus two-week module in mathematics and statistics before start of the course
Note: options may vary from year to year

"Having access to daily financial data via the Bloomberg Terminal has allowed me to carry out detailed analysis of international macroeconomics."

Felipe Gonzalez Soley
PhD Economics

Southampton
creates more successful fund managers
than any other UK university*

**Joint first in US and Europe with Ecole des Hautes Etudes Commerciales (HEC) with 64% of fund managers educated at Southampton rated good or better (Citywire 2017)*

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in economics. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 1C, IELTS 6.5 overall, with a minimum of 5.5 in all components

Duration: one year (full time); 27 months (part time)

Assessment: coursework and/or examination

Start date: September

Intake: 50

Applying: University application form with transcripts and two references

Closing date: 31 July but early application advised

Funding: scholarships may be available. Funding may be available via the South Coast Doctoral Training Partnership **www.southampton.ac.uk/pgp/ecof**

Fees: **www.southampton.ac.uk/pgp/fees**

Additional costs: printing and photocopying

Find out more

To find out more or download full course and module information:
www.southampton.ac.uk/pgp/eco

For specific enquiries:

T: +44 (0)23 8059 5395
E: econ-pgt-apply@southampton.ac.uk

ECONOMICS

Key facts

Unless otherwise stated

Entry requirements:
PhD: a UK bachelors degree with upper second-class honours and a Master of Science at Merit* or higher in economics or econometrics (*typically between 60% and 69% in the UK). Satisfactory performance at interview.
IPhD: a UK bachelors degree with upper second-class honours in economics or econometrics. Satisfactory performance at interview
www.southampton.ac.uk/pgp/entry

English language: band 2C, IELTS 6.5 overall, with a 6.0 in all components

Duration: three to four years (full time); up to seven years (part time)

Assessment: at least three specialist taught modules, annual reports, confirmation (interim thesis), thesis and viva voce*

Start date: September, but considered throughout the year

Intake: 10

Applying: University application form with transcripts, research proposal and two references

Closing date: none, but early application advised

Funding: partial funding may be available through the University's Presidential Scholarship; funding may also be available via the South Coast Doctoral Training Partnership **www.southcoastdtp.ac.uk**

Fees:
www.southampton.ac.uk/pgp/ecof

*For more information on continued assessment throughout your research programme, see page 41

Research programmes

ECONOMICS

PhD

We have approximately 30 full-time academic staff. Our interests span a broad range of applied and policy-oriented fields (labour economics; health economics; development economics; behavioural economics; finance and investments), as well as more theoretical domains (macroeconomic theory; econometrics; game theory).

As a PhD student at Southampton, you will be taught and supervised by academics who are renowned experts in their fields. The programme is focused enough (around five new students admitted each year) to provide detailed PhD supervision, but large enough to offer expertise in many fields. It offers clearly structured taught - and research-based training in addition to specialised seminars and workshops run by internationally recognised experts.

We are motivated by the need to produce well-rounded specialists with a broad understanding of fundamental economic theory and a more focused expertise in their particular area of interest. This ensures that our graduates are able to gain excellent positions either in academia or in international organisations, government agencies, policy think-tanks, financial institutions and the wider private sector.

Integrated PhD Economics

This is a five year-programme. In the first year, students entering the Integrated PhD programme are required to complete the taught elements of the MSc Economics Programme. Progression onto the research element of the programme is determined by satisfactory completion of these taught elements. The Integrated PhD offers a structured PhD pathway that includes a wide choice of formal instruction, coupled with an extensive range of specialist research topics across the breadth of the subject. There is a progression from an initial emphasis on instructional modules towards full-time research, supported by high-quality supervision.

The course is particularly suitable for overseas students seeking to convert from other scientific disciplines, and also those who are awarded four-year scholarships through their government or other sources.

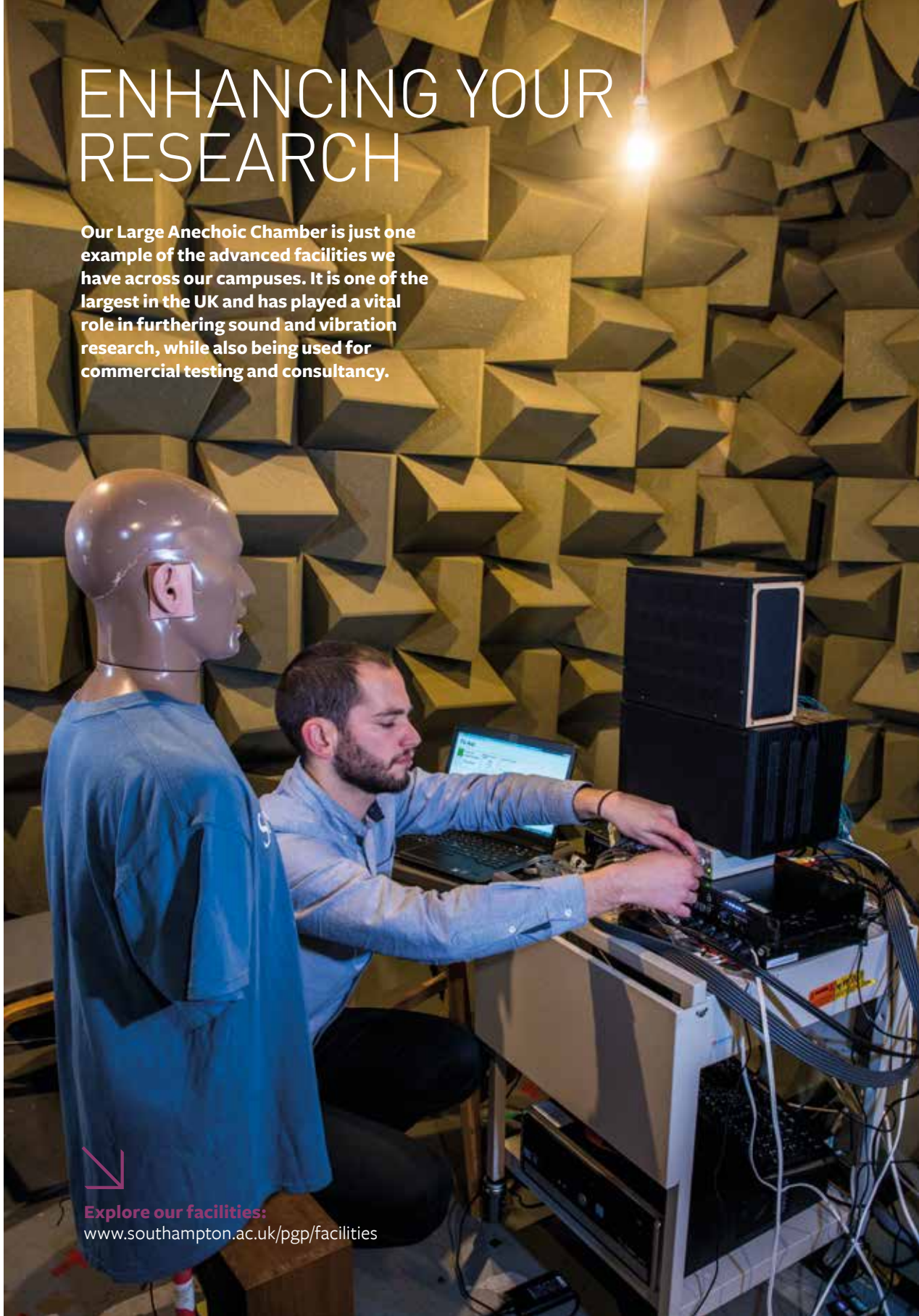
Key facts: additional information

Entry requirements: good honours degree in relevant subject; other interests and achievements considered plus satisfactory performance at interview
Duration: five years (full time)
Assessment: annual reports, confirmation (interim thesis), thesis and viva voce examination *
Start date: usually September, but possible throughout the year
Intake: 5
Applying: University application form with transcripts, research proposal and two references
Closing date: none, but early application advised

Find out more

To find out more or download full course and module information:
www.southampton.ac.uk/pgp/eco

For specific enquiries:
T: +44 (0)23 8059 2527
E: econ-pgr-apply@southampton.ac.uk



ENHANCING YOUR RESEARCH

Our Large Anechoic Chamber is just one example of the advanced facilities we have across our campuses. It is one of the largest in the UK and has played a vital role in furthering sound and vibration research, while also being used for commercial testing and consultancy.

Explore our facilities:
www.southampton.ac.uk/pgp/facilities

Taught programmes

EDUCATION

Choose Southampton

- Ranked seventh in the UK for research impact (latest REF, 2014)
- Carrying out world-leading research in higher education, social justice and inclusive education, educational effectiveness mathematics, science and health education.
- Home to the Centre for Higher Education Practice (CHEP) and the Mathematics and Science Learning Centre, providing expert professional development

Our PGCE masters level accreditation provides a valuable first step towards a masters

MA (Ed) Dissertation through Flexible Study

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 context. Designed as a flexible alternative to a traditional taught masters, it develops expertise across related assignments and builds to a dissertation.

This highly personalised programme does not require regular class attendance. If appropriate you can attend Education School modules. Suitable for UK/EU students.

Key facts: additional information

Start date: Flexible (agreed in consultation with the admissions tutor)
Applying: applications accepted throughout the year; contact us in the first instance; outline project proposal required

MSc Education

Education professionals and those interested in this field are able to research and develop more effective practice across different areas through this masters. Modules provide opportunities for critical engagement with current issues related to education theory, policy and research within national, international and global contexts, as well as opportunities to examine education theory and practice at institutional and classroom level.
Plus dissertation

MSc Education Management and Leadership

The Management and Leadership pathway is supported by tutors who are nationally and internationally recognised for their expertise in these areas. Modules cover theories of leadership and their application in educational contexts, accessing and applying evidence from educational research on management and governance structures of educational institutions. There may be opportunities to personalise study.
Plus dissertation

MSc Education Practice and Innovation

Our extensive research expertise in educational practices means you will study in the company of internationally respected academics. Modules provide an overview of current and potential developments to support teaching and learning and opportunities to engage with a critical review of innovative and inclusive practices in education. There may be opportunities to personalise aspects of study.
Plus dissertation

Study in a way that suits you, through our flexible and online courses in Education

MSc Education (online)

This part-time programme delivered online, is aimed at teachers and trainers, both local and international, who are looking for advancement into leadership roles within education organisations. It focuses on three core areas essential for career development: pedagogy, leadership and research. This programme is particularly suitable for those who are unable to travel and looking for study opportunities that will enable them to remain in their locality or job, and yet still obtain higher qualifications. Modules can also be undertaken individually for CPD.
Plus dissertation

Learn online through video lectures, specific readings, case studies, quizzes, group video conferences and individual video tutorials

"I've been able to tailor the course to my own specific research interests (the teaching of spelling) and to the needs of my school. Evidence-informed practice is becoming increasingly important and this course is a great opportunity to carry out your own research with support and guidance."

Natalie Wilcox
PGCE Primary 2015; MA (Ed) Dissertation through Flexible Study; Primary School Teacher

Key facts

Unless otherwise stated

Masters

Entry requirements: a UK bachelors degree with upper-second class honours or higher, and ideally work experience in a related field. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 2c, IELTS 6.5 overall, with a minimum of 6.0 in all components For more information visit
www.southampton.ac.uk/pgp/el

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

Assessment: assignments and dissertation

Start date: September

Funding: International scholarships are available
www.southampton.ac.uk/pgp/eduf

Fees:
www.southampton.ac.uk/pgp/fees

Deadline: 31 July, early applications are encouraged

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/edu

For specific enquiries:
T: +44 (0)23 8059 3483
E: educ-pgt-apply@southampton.ac.uk

EDUCATION

Taught programmes

EDUCATION (TEACHER TRAINING)

Postgraduate Certificate in Education (PGCE)

Each of our PGCE programmes is designed to provide you with extensive, supervised school or college experience during your study. We have well-established partnerships with hundreds of primary and secondary schools and with Teaching School Alliances. We also work in partnership with colleges of further education. Former trainees have consistently given high ratings to these programmes, with assessments providing 30 credits towards a masters qualification. Small-scale projects will extend your reflection on your work as a teacher.

PGCE Primary Education
(including School Direct – training and salaried)

Primary education courses are available in general primary and in primary with maths specialism. You will be trained to teach children aged five to 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 how to manage and organise a classroom.

PGCE Secondary Education
(including School Direct - training and salaried)

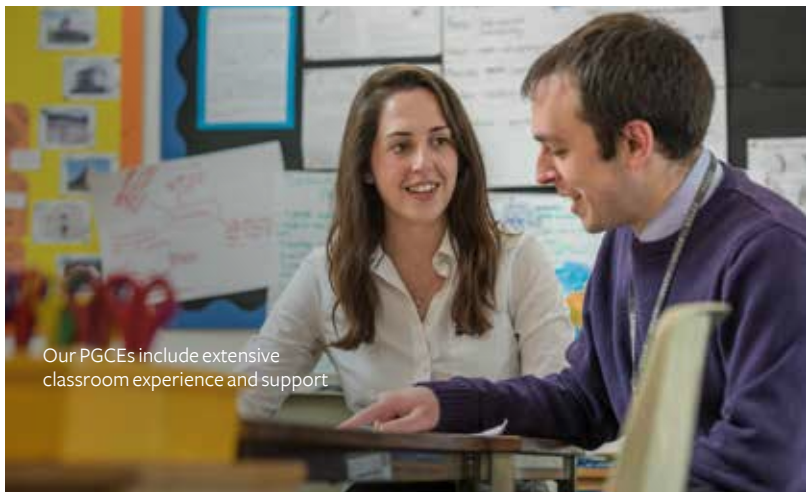
Secondary education courses are available in most subject areas. Please see our website for an up-to-date list: **www.southampton.ac.uk/showyourclass**
This programme provides training for those wishing to teach the 11 to 16 age range. Training for the QTS award is for 11 to 16 in accordance with organisation of education locally. Depending on your background, you will be recruited to a main curriculum subject group. You will learn how to plan, teach and assess and how to organise and manage a classroom. Extensive supervised school experience will be provided during your study.

Programme structure

The academic programme structure is the same across both PGCE Primary and Secondary pathways.
Credit-bearing modules: Subject Knowledge; Principles of Pedagogy; Professional Values
Non-credit-bearing modules: (to fulfil the requirements for Qualified Teacher Status (QTS) and to meet the Teachers' Standards): Introduction to Teaching; Understanding Teaching; Being the Teacher

Key facts: additional information

Primary PGCE: GCSE (or equivalent) Science, preferably double or triple at grades A*-C/9-4


Our PGCEs include extensive classroom experience and support

PGCE FE Learning and Skills

Places are available to applicants wishing to teach a wide range of subjects in colleges and sixth form. You will learn about session planning; key theories of teaching and learning; behaviour management; diversity and inclusion; effective use of ICT; and the development of literacy and numeracy. You will also undertake a short research project aimed at an aspect of teaching. Throughout the course you will receive feedback from tutors to support all aspects of your development. You will spend three days each week at a local college, one day at the University and one day studying or working.

Programme structure

The programme structure is the same as Primary and Secondary PGCE, plus: additional non-credit-bearing modules: Foundation to Effective Teaching and Learning in Post-Compulsory Education and Training; Application of Learning Theories through Professional Practice and Reflection.

Key facts: Additional information

Applying: University application form with transcripts, or contact us for more information.
FEadmissions@southampton.ac.uk


We offer our PGCE students the opportunity to experience teaching in Kenya

Subject Knowledge Enhancement (SKE) a variety of subjects

SKE programmes are offered to candidates in need of a subject knowledge boost prior to starting a PGCE. They are open to EU/UK students, who may be entitled to a bursary, and to international students on the SD (Salaried) route. Tutors advise entry when candidates applying for the PGCE are assessed as having subject knowledge or degree backgrounds that may not be adequate for direct entry to the PGCE.

Key facts: Additional information

Duration: Maths, Physics 28 weeks (full time) Computer Science 12 weeks (full time)
Start date: Maths, Physics - February Computer Science - April

"My University mentor has been very supportive and my placements have set me up for my future career as a teacher. I was also lucky enough to travel to Kenya and teach, which was an incredible experience that I will remember for the rest of my life."

Amelia Joseph
PGCE Primary

Key facts

Unless otherwise stated

Teacher training

Entry requirements: a UK bachelors degree with GCSEs (or equivalent) in English language and mathematics at grades A*-C/9-4, passed Skills Tests in numeracy and literacy (primary and secondary), a clear (or approved) enhanced Disclosure and Barring Service check and a satisfactory health check. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2c, IELTS 6.5 overall, with a minimum of 6.0 in all components For more information visit **www.southampton.ac.uk/pgp/el**

Assessment: school placement observation, assignments

Duration: one year (full time)

Start date: September

Applying: UCAS application, contact us for more information

Closing date: Early application is strongly advised.

Fees and funding: some bursaries may be available **www.education.gov.uk/get-into-teaching** **www.southampton.ac.uk/pgp/fees**

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/teach
For specific enquiries:
T: +44 (0)23 8059 3473
E: pgce-apply@southampton.ac.uk

EDUCATION (TEACHER TRAINING)

Key facts

Unless otherwise stated

English language: band 2c, IELTS 6.5 overall, with a minimum of 6.0 in all components. For more information visit **www.southampton.ac.uk/pgp/el**

Start date: October

Funding: University funding may be available **www.southampton.ac.uk/pgp/fees** and via the South Coast Doctoral Training Partnership **www.southcoastdtp.ac.uk**

Fees: **www.southampton.ac.uk/pgp/fees**

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

*For more information on continued assessment throughout your research programme, see page 41

"I consider this PhD to have been a unique opportunity to develop myself, not only as a professional in my field, but also as a person able to understand and discuss complex issues from a number of different perspectives."

Eva Nedbalova
PhD Education 2015;
Communication Manager,
ESRC National Centre for
Research Methods

Find out more

To find out more or download full course and module information:

www.southampton.ac.uk/pgp/edu

For specific enquiries:

T: +44 (0)23 8059 5699

E: educ-pgr-apply@southampton.ac.uk

Research programmes

EDUCATION

PhD Education

This programme is suitable if you wish to explore a particular research question or topic through independent study. Training opportunities will help supplement your existing research skills which will be discussed and reviewed individually and are provided via workshops held both within Education, and the wider Faculty. Education at Southampton is part of a Doctoral Training Partnership approved by the ESRC providing additional research training opportunities.

Key facts: additional information

Entry requirements: a UK bachelors degree with upper second-class honours and a Master of Science/ Art in a relevant subject, plus research proposal and satisfactory performance at interview. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

Duration: two to four years (full time); up to seven years (part time)
Assessment: annual reports, confirmation (interim thesis), final thesis and viva voce*
Start date: October preferred
Funding: A limited number of scholarships are available for strong applicants, including Presidential Scholarships
Closing date: none but apply by early January to be considered for funding

Research themes

- Educational effectiveness and improvement
- Higher education policy and practice
- Leadership in education
- Mathematics, science and health education
- Social and educational inclusion

www.southampton.ac.uk/education/research/centres

Integrated PhD in Education

This programme integrates a substantial taught element during the first 12–18 months, combining training in research skills with development of specialist subject knowledge and a range of personal skills. Successful completion of this initial phase will enable students to progress to undertake a substantial research project leading to a PhD thesis. During your research study you will receive support from a supervisor with expertise in your area.

Programme structure

Core modules: Understanding Education Research; Philosophy of Social Science Research; Research Design and Practice; Qualitative Methods I; Quantitative Methods I. During Year 1, you will commence work on a project module designed to support the transition from initial research training to your research study and work on the PhD thesis.
Optional modules: You may select modules from our MSc Education programme and/or additional postgraduate research training modules offered within the faculty.

Key facts: additional information

Entry requirements: a UK bachelors degree with upper second-class honours and a Master of Science/ Art in a relevant subject, plus research proposal and satisfactory performance at interview. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

Duration: five years (full time), nine years (part time)
Assessment: written assignments, presentation, annual reports, confirmation (interim thesis), final thesis, and viva voce*
Closing date: August

ON TRACK FOR SPORTING SUCCESS

"My athletic career has undoubtedly taken a huge upturn during my time at the University, thanks to working with my fantastic coach, Roderick Lock, and also the support of the University's Bursary Scheme. Having free access to the athletics track and the Sports Performance gym at Wide Lane Sports Ground is a big asset. The benefits of this have culminated in my GB representation at the European Cross Country Championships in 2017, earning team bronze."

Alex Teuten
PhD Chemistry, third year

Sports and wellbeing:
www.southampton.ac.uk/pgp/sport

Taught programmes

ELECTRONICS AND COMPUTER SCIENCE (ECS)

Choose Southampton

- 100 per cent of our computer science and IT research has been rated world leading or internationally excellent for its impact on society (latest REF, 2014)
- First in Europe for Telecommunication Engineering (ShanghaiRanking's Global Ranking of Academic Subjects, 2017)
- Top 10 in the UK and top 100 in the world for Computer Science and for Electrical and Electronic Engineering (QS World Rankings, 2018)
- Southampton is a university partner of The Alan Turing Institute, the UK's national institute for data science and artificial intelligence.

2nd in the UK

for Electrical and Electronic Engineering
(Guardian University Guide, 2018)

MSc Artificial Intelligence

This research-led MSc takes a contemporary approach and covers the fundamental aspects of traditional symbolic and sub-symbolic aspects. On this programme, you will learn from world-class researchers working in AI fields such as computer vision, evolutionary computing, intelligent agents, game theory, deep learning and other machine learning methods. You will develop core data analysis skills and explore both traditional and state-of-the-art aspects of artificial intelligence and machine learning.

Programme structure

Compulsory modules include: Foundations of Artificial Intelligence; Intelligent Agents; Machine Learning; MSc Research Project and Dissertation, Project Preparation
Optional modules include: Advanced Machine Learning; Biologically Inspired Robotics; Computational Biology; Computational Finance; Data Mining; Deep Learning; Image Processing; Reinforcement and Online Learning.

MSc Computer Science

Computer science drives the fundamental technologies of today's connected world. This wide-ranging programme allows you to cover the foundations of a number of specialist areas, such as Artificial Intelligence, Cyber Security, Data Science, Software Engineering, and Web Science and Technology. You can then choose from around 40 specialist modules to deepen your understanding of one or more of these areas. This MSc is ideally suited if you have significant programming experience.

Programme structure

Compulsory modules include: Topics in Computer Science; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Computer Networks; Advanced Databases; Biologically Inspired Robotics; Computational Finance; Computer Vision; Data Mining; Deep Learning; Designing Usable and Accessible Technologies; E-Business Strategy; Foundations of Artificial Intelligence; Foundations of Cyber Security; Foundations of Data Science; Foundations of Web Science; Game Design and Development; Implementing Cyber Security; Intelligent Agents; Machine Learning; Mobile Applications Development; Network and Web Based Security; Open Data Innovation; Reinforcement and Online Learning; Semantic Web Technologies; Software Modelling Tools and Techniques for Critical Systems; Software Project Management and Development; Software Security; The Science of Online Social Networks; Web Development

MSc Cyber Security

Cyber security is critically important to commercial and academic organisations, as well as to governments and their citizens. Our MSc gives you a well-rounded, multidisciplinary view of the subject area, embracing not only the technical subjects, but also aspects of criminology, risk management, law and social sciences. The programme has National Cyber Security Centre certification and we are recognised as an Academic Centre of Excellence in Cyber Security Research by the UK government.

Programme structure

Compulsory modules include: Cryptography; Cyber Crime, Insecurity and the Dark Web; Foundations of Cyber Security; Network and Web Based Security; Security of Cyber Physical Systems; Software Security; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Criminal Behaviour - Applied Perspectives; Machine Learning Technologies; Secure Software Development; Software Project Management and Development

"The increasing quantity of data that is being produced means it is critical to apply and develop new tools to analyse this data. I really enjoy the challenge of working at the frontier of human knowledge."

Steven Squires
MSc Computer Science, 2015;
PhD in Machine Learning, third year

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in electronic/electrical engineering, computer science, or a closely related discipline. See the specific entry criteria online for each programme.
www.southampton.ac.uk/pgp/entry

English language: band 2c, IELTS 6.5 overall, with a minimum of 6.0 in all components; for more information visit
www.southampton.ac.uk/pgp/el

Duration: one year (full time)

Assessment: coursework, examinations, written project (design, development or research) and dissertation

Start date: September

Intake: 350 across all programmes

Applying: University application form with transcripts and references

Closing date: closed when full, usually May onwards

Fees:
www.southampton.ac.uk/pgp/fees

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/ecs

For specific enquiries:

T: +44 (0)23 8059 2630

E: ecs-pgt-apply@southampton.ac.uk

ELECTRONICS AND COMPUTER SCIENCE (ECS)

MSc Data Science

This programme prepares you to become a proficient data scientist, developing your specialist knowledge in subjects that are crucial for mastering the vast and ever-more complex information landscape that is characteristic of modern, digitally empowered organisations. You will gain advanced knowledge in areas such as data mining, machine learning, and data visualisation, including state-of-the-art techniques, programming toolkit, and industrial and societal application scenarios.

Programme structure

Compulsory modules include: Data Visualisation; Foundations of Data Science; Machine Learning; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Machine Learning; Advanced Topics in Human-Systems Interaction; Applied Statistical Modelling; Computational Finance; Data Mining; Deep Learning; Foundations of Artificial Intelligence; Reinforcement and Online Learning; Semantic Web Technologies

MSc Electronic Engineering

Electronic engineering achievements have transformed our daily lives. Use your knowledge and skills to realise exciting future developments. This one year MSc Electronic Engineering degree allows you to choose modules from specialist fields – such as micro - and nanoelectronics, optoelectronics, micro and nanotechnology, and wireless communications – and will enable you to deepen your understanding of one or more of these areas.

Programme structure

Compulsory modules include: MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Systems and Signal Processing; Bio/Micro/Nano Systems; Bionanotechnology; Digital Coding and Transmission; Digital IC and Systems Design; Digital System Design; Digital Systems Synthesis; Embedded Processors; Green Electronics; Introduction to Silicon Photonics; Microfluidics and Lab-on-a-Chip; Microsensor Technologies; Nanoelectronic Devices; Nanofabrication and Microscopy; Optical Fibres; Optical Fibre Sensors; Radio Communications Engineering; Secure Hardware Design; Signal Processing; Wireless and Mobile Networks

MSc Embedded Systems

Applications of embedded systems can be found in all sectors of the economy: consumer electronics, car industry, media and process industries and also banking and commerce. This programme equips you with the key skills required to design embedded systems, including hardware design and verification, real-time computing and embedded processors. You will also be able to make extensive practical use of cutting-edge and industry-standard tools and methods. You will be taken through the embedded system design process, from concept to implementation and testing.

Programme structure

Compulsory modules include: Digital System Design; Embedded Processors; Real-Time Computing and Embedded Systems; Secure Hardware Design; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Systems and Signal Processing; Applied Control Systems; Cryptography; Digital IC and Systems Design; Digital Systems Synthesis; Mobile Applications Development; Signal Processing

1st in the UK

for the volume and quality of our electrical and electronic engineering research
(latest REF, 2014)

"I am enjoying researching and learning every day. As Electronic Engineering is an umbrella programme, we can study modules from different subjects such as microelectromechanical systems and biodevices. This gives me the chance to work in a range of areas."

Merve Tugce Yakut
MSc Electronic Engineering

MSc Energy and Sustainability with Electrical Power Engineering

This programme is ideal if you are considering a career in the electrical power industry. It considers aspects of sustainable energy generation and issues concerned with bulk electrical energy transport to the ultimate user. To design and develop our future energy networks, we must have knowledge and understanding of the current infrastructure. This programme provides a solid grounding in generation, transmission and distribution engineering, and considers the wider issues of energy, renewable generation and sustainability.

Programme structure

Compulsory modules include: Fundamental Principles of Energy; Power and Distribution; Power Generation: Technology and Impact on Society; Power Systems Analysis; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Electrical Materials; Bioenergy; Green Electronics; High Voltage Insulation Systems; Mechanical Power Transmission and Vibration; Nuclear Energy Technology; Power Electronics for DC Transmission; Renewable Energy from Environmental Flows

MSc Micro and Nanotechnology

This programme outlines the micro and nanotechnology aspects of electronic engineering, with a focus on microelectromechanical systems and nanoelectronics. These technologies underpin research and development of miniaturised sensors, for example mobile phone motion and position detectors, and of nanoscale logic and memory devices for next-generation consumer electronics and future quantum devices. On this course you can address microfluidic technology for biodevices such as point-of-care diagnostics, and cover the fundamentals of photonic circuits and devices.

Programme structure

Compulsory modules include: Bio/Micro/Nano Systems; Microfabrication; Microsensor Technologies; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Memory and Storage; An Introduction to Silicon Photonics; Bionanotechnology; Green Electronics; Medical Electrical and Electronic Technologies; Microfluidics and Lab-on-a-Chip; Nanoelectronic Devices; Nanofabrication and Microscopy; Optical Fibre Sensors; Quantum Devices and Technology

MSc Microelectronics Systems Design

The world of electronics has a need for well-educated and experienced engineers to design extremely complex and highly integrated electronics systems and integrated circuits. This field of microelectronics systems design embodies many of the key skills relating to digital and analogue integrated circuit design and electronic systems engineering. Our cutting-edge programme examines aspects of system integration and discrete device properties, and is an excellent platform for further research in the Sustainable Electronic Technologies and the Smart Electronic Materials and Systems research groups.

Programme structure

Compulsory modules include: Digital IC and Systems Design; Digital System Design; Nanoelectronic Devices; VLSI Design Project; VLSI Systems Design; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Wireless Communications Networks and Systems; Analogue and Mixed Signal CMOS Design; Cryptography; Digital Systems Synthesis; Embedded Processors; Medical Electrical and Electronic Technologies

MSc Software Engineering

This programme covers traditional and contemporary approaches to software development, from formal methods to object-oriented programming. It covers state-of-the-art techniques, technologies, and supporting tools, and will expose you to their applications in meeting emerging business and social needs, and solving challenging problems. You will study with experts in subjects such as critical systems, cryptography, cyber security, e-business, intelligent agents , machine learning and web technologies.

Programme structure

Compulsory modules include: Automated Code Generation; Software Modelling Tools and Techniques for Critical Systems; Software Project Management and Development; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Topics in Human-Systems Interaction; Cryptography; Designing Usable and Accessible Technologies; E-Business Strategy; Intelligent Agents; Machine Learning Technologies; Mobile Applications Development; Network and Web-Based Security; Open Data Innovation; Web Development

ELECTRONICS AND COMPUTER SCIENCE (ECS)

MSc Systems, Control and Signal Processing

This programme is structured around topics in systems and signal processing, with specialisms in control and systems theory, image processing and machine learning. 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 computationally based, developing strong transferable skills in algorithmic development and programming.

Programme structure

Compulsory modules include: Advanced Systems and Signal Processing; Computer Vision; Control System Design; Foundations of Machine Learning; Signal Processing; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Machine Learning; Applied Control Systems; Biologically Inspired Robotics; Biometrics; Computational Biology; Computational Finance; Deep Learning; Digital Control System Design; Image Processing; Reinforcement and Online Learning

MSc System on Chip

Systems in mobile telephones, computers, cars and aircraft are shrinking, with many parts implemented as a single integrated circuit. This programme prepares you for the rapidly changing skills required to support this. The focus is on system-on-chip design techniques and extensive practical use of cutting-edge and industry-standard methods. You will be taken through the system-on-chip design process, from concept to implementation.

Programme structure

Compulsory modules include: Digital IC and Systems Design; Digital System Design; Secure Hardware Design; SOC Design Project; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Wireless Communications Networks and Systems; Analogue and Mixed Signal CMOS Design; Cryptography; Digital Systems Synthesis; Embedded Processors; Medical Electrical and Electronic Technologies; Nanoelectronic Devices; Real-Time Computing and Embedded Systems

MSc Web Science

Pioneered by ECS in the UK and MIT in the US, Web Science analyses the Web at a systems level; investigating the technical capabilities of its distributed information infrastructure while also scrutinising the public policy and social practices that have made it a transformative global phenomenon. This programme will give you a multidisciplinary understanding of the Web in society and is open to graduates of Computer Science, IT, Social Sciences and the Humanities.

Programme structure

Compulsory modules include: Foundations of Web Science; Further Web Science; Interdisciplinary Thinking; Qualitative Research Methods for Assessing Technology; Quantitative Methods; Semantic Web Technologies; The Science of Online Social Networks; Web Architecture; MSc Research Project and Dissertation
Optional modules include: Computational Thinking; Innovation and Technology Transfer

MSc Web Technology

This programme studies the Web as a foundational technology for the digital economy, including the architecture and services that support a mobile infrastructure of social networks and big data services. Specialising in web system development, you will have the opportunity to study mark-up languages, such as XML, XSL, and RDF, their applications in e-business and web services, and related topics such as security, cryptography, intelligent agents, interaction design and distributed computing systems.

Programme structure

Compulsory modules include: Web Architecture; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Topics in Human-Systems Interaction; Cloud Applications; Designing Usable and Accessible Technologies; E-Business Strategy; Foundations of Web Science; Intelligent Agents; Machine Learning Technologies; Mobile Applications Development; Network and Web-based Security; Open Data Innovation; Qualitative Research Methods for Assessing Technology; Quantitative Methods; Semantic Web Technologies; The Science of Online Social Networks; Web Development

MSc Wireless Communications

Wireless communications has played a key role in creating the world as we know it and future networks will have to support and intelligently manage a massive number of IoT devices in real-time. This programme prepares you to become a capable wireless engineer building core areas of expertise, from understanding the fundamentals of wireless transmission and coding and signal processing to building wireless transceivers, as well as designing and analysing intelligent wireless networks. It is regularly updated to reflect the evolution of academic research and industry requirements.

Programme structure

Compulsory modules include: Digital Coding and Transmission; Radio Communications Engineering; Research Skills and Practice; Signal Processing; MSc Research Project and Dissertation; Project Preparation
Optional modules include: Advanced Systems and Signal Processing; Advanced Wireless Communications Networks and Systems; Cryptography; Future Wireless Techniques; Machine Learning for Wireless Communications; Wireless and Mobile Networks

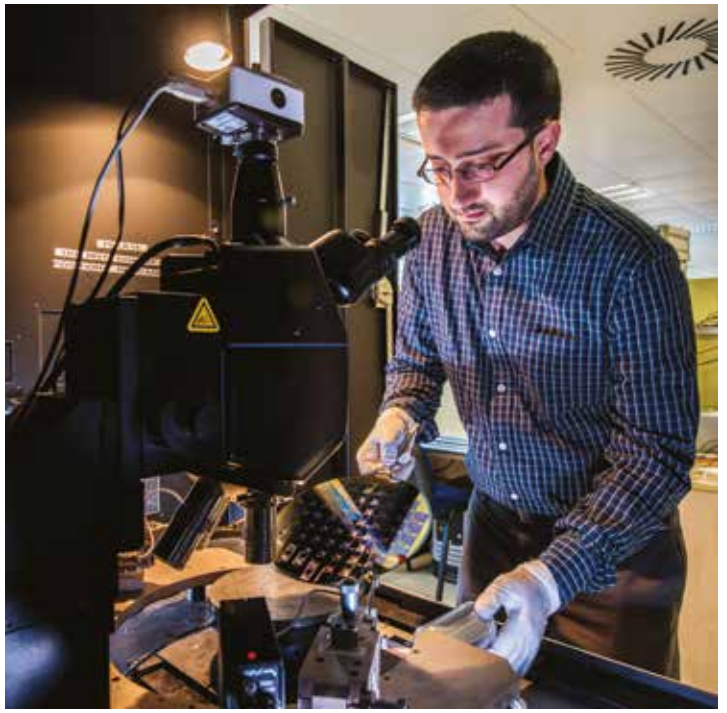
European Masters in Embedded Computing Systems (EMECS)

EMECS is a two-year programme run with Kaiserslautern University and the Norwegian University of Science and Technology (NTNU). You will benefit from our expertise in system-on-chip and electronics, NTNU's knowledge of electronics and communications and Kaiserslautern's strong track record in embedded systems. EMECS covers the fundamentals of embedded computing systems and offers an equivalent education in the three institutions. The elective part of the programme reflects the profiles of the participating partner universities.

Key facts

Entry requirements: a UK bachelors degree with upper second-class honours or higher in electrical and computer engineering, computer science and related disciplines. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

Duration: two years
Assessment: two-year masters (120 ECTS credits) pursued at two of the three participating institutions; students spend one year at each of their selected universities and receive a joint degree from the respective institutions; language of instruction is English . You will also write a masters thesis
Applying: **mundus.eit.uni-kl.de**



"I am really enjoying fabricating nanoscale devices in the cleanrooms and I have been networking with researchers from well-known facilities such as the University of Tokyo. I have also gained great experience in experimental work using the photonics laboratories and cleanrooms. In the long term I would like to make technology more green and available for everyone."

Abdelrahman Al-Attili
MSc Nanoelectronics and Nanotechnology, 2013;
PhD in Germanium Lasers, final year

ELECTRONICS AND COMPUTER SCIENCE (ECS)

Research programmes

ELECTRONICS AND COMPUTER SCIENCE (ECS)

PhD

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.

Research is organised around our world-leading research groups, allowing the availability of a wide variety of PhD projects. Opportunities also exist for joint PhDs across other University faculties and with other partner institutions and companies. If you wish to undertake research in a stimulating environment, gain rigorous research training and take advantage of outstanding facilities, Southampton is the place for you.

We offer PhD programmes in:
- Electronic and Electrical Engineering
- Computer Science
- Web Science

Integrated PhD in Web Science
(Web Science CDT)

This four-year iPhD in Web Science will equip students to become leaders in the Digital Economy. The programme begins with a one-year taught component that provides a broad basis for understanding the technology of the Web and the social context in which it evolves. The remaining three-year research programme into the impact of the Web on society involves input from industry and government partners and has a multidisciplinary supervision team. The iPhD is based in the Centre for Doctoral Training (CDT) in Web Science Innovation.

Research groups
Study with experts from our world-leading research groups.

- Agents, Interaction and Complexity
- Biomedical Electronics
- Cyber Physical Systems
- Cyber Security
- Electrical Power Engineering
- Next Generation Wireless
- Smart Electronic Materials and Systems
- Sustainable Electronic Technologies
- The IT Innovation Centre
- Vision, Learning and Control
- Web and Internet Science

www.ecs.soton.ac.uk/research/groups

Research centres

- Academic Centre of Excellence in Cybersecurity
- Arm-ECS Research Centre
- Centre for IoT and Pervasive Systems
- Centre for Machine Intelligence
- Energy Harvesting Network
- Institute for Complex Systems Simulation
- Pervasive Systems Centre
- Southampton Nanofabrication Centre
- Web Science Centre for Doctoral Training
- Web Science Institute

www.ecs.soton.ac.uk/research/centres

"I am helping construct a new industry that fuses electronic engineering and textiles through research that combines the academic pursuit of knowledge and commercialisation. A PhD that combines both is evidence that Southampton plans to bring world-changing technology to the mass market as well as academic circles."

Olivia Ojuroye
PhD in Flexible Circuits for Wearable E-Textiles, third year

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in a relevant discipline. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 1b, IELTS 6.0 overall, with a minimum of 5.5 in all components; for more information visit **www.southampton.ac.uk/pgp/el**

Duration: typically three years for PhD or four years for iPhD (full time)

Assessment: annual reports, viva voce and thesis examination*. The iPhD also has first year exams

Start date: typically October but other dates are possible

Applying: University application form, references and transcripts; research proposal

Closing date: none for PhD, but early application advised. See website for iPhD closing dates.

Funding: applicants receiving a formal offer are considered, subject to eligibility, for contract scholarships, ECS studentships and EPSRC doctoral training awards

Fees:
www.southampton.ac.uk/pgp/fees

*For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:

www.southampton.ac.uk/pgp/ecsr

For specific enquiries:

T: +44 (0)23 8059 4959

E: ecs-pgr-apply@southampton.ac.uk

Taught programmes

ENGINEERING

Choose Southampton

- Southampton has a world-leading reputation for excellence in teaching and research in the field of engineering
- Access to world-class facilities, including the RJ Mitchell Wind Tunnel, a 138m towing tank and a large anechoic chamber
- First in the UK for research power for General Engineering, based on the volume and quality of our research (latest REF, 2014)

You will be taught by **world-class experts**

MSc Acoustical Engineering

Our MSc, hosted by the Institute of Sound and Vibration Research (ISVR), requires no prior knowledge of acoustics. Graduates of science, engineering or mathematics will study vibrations in structures, applied signal processing and human effects of sound and vibration and have the opportunity to specialise in a Signal Processing or Structural Vibration pathway.

Acoustical engineers are in great demand, and we will give you the chance to work on a wide range of real-world applications.

Programme structure

Compulsory modules include: Research Methods; Fundamentals of Acoustics; MSc Research Project; at least one out of Fundamentals of Vibration and Signal Processing
Optional modules include : Musical Instrument Acoustics; Noise Control Engineering; Ocean Acoustics & Biomedical Ultrasound; Electroacoustics; Aeroacoustics; Architectural and Building Acoustics; Applied Audio Signal Processing; Human Responses to Sound and Vibration; Advanced Vibration; Biomedical Application of Signal and Image Processing; Active Control of Sound and Vibration; Numerical Methods for Acoustics

MSc Aerodynamics and Computation

For engineering, mathematics and science graduates with a strong background in fluid dynamics or aerodynamics, our MSc Aerodynamics and Computation programme will provide you with the opportunity to continue your education and specialisation. Our computation programme focuses on numerical methods and the physics and computation modelling of turbulence. This will enhance your knowledge of flow physics and your ability to use state-of-the-art computational tools to improve industrial designs.

Programme structure

Compulsory modules include: Aerothermodynamics; Advanced Computational Methods I; Applications of CFD; Turbulence: Physics and Modelling; MSc Research Project
Optional modules include: four from: Advanced Computational Methods II; Aeroacoustics; Biological Flow; Design, Search and Optimisation; Experimental Methods for Aerodynamics; Aeroelasticity; Flow Control; Hypersonic and High Temperature Gas Dynamics; Race Car Aerodynamics; Wing Aerodynamics; Numerical Methods

Key facts:

Entry requirements: must have strong fluid dynamics/ aerodynamics background

MSc Biomedical Engineering

Our Biomedical Engineering programme is designed for engineering and physical science graduates who want to work at the interface of engineering, biology and medicine. We will equip you with specialist knowledge, expertise and the skills to integrate biology and medicine with engineering to solve problems related to living systems.

Programme structure

Compulsory modules include: Introduction to Biomedical Engineering; Human Biology and Systems Physiology; Translational Medicine; MSc Research Project
Optional modules include: A wide range of optional modules are available, from materials engineering to biological-inspired robotics. We also offer five pathways for those who wish to specialise: Musculoskeletal, Cardiovascular, Imaging, Diagnostic Systems, and Audiology

MSc Civil Engineering

MSc Civil Engineering with Integrated Qualifying year

subject to validation (see page 175)

Both our MScs in Civil Engineering will help you meet the further learning requirements to become a Chartered Engineer, as they are accredited by the Institution of Civil Engineers. For non-civil engineering graduates, who can demonstrate competence in mathematics and physics, we offer a two year integrated degree. If you are a UK/ EU student, you will have the option to organise your own 11-month industrial work placement, which would provide you with valuable work experience.

Programme structure

Qualifying year
(for MSc Civil Engineering with Integrated Qualifying Year only)
Compulsory modules include: Structural Analysis, Structural Design and Materials; Design 2; Highway and Traffic Engineering; Soil Mechanics; Hydraulics Water and Wastewater; Engineering 1; Railway Engineering and Operations

MSc Civil Engineering (and second year of MSc Civil Engineering with Integrated Qualifying Year)

Compulsory modules include: MSc Research Project; Data Analysis and Experimental Methods for Civil and Environmental Engineering
Optional modules include: Understanding Civil Engineering (compulsory for non-civil engineering graduates); Coastal and Maritime Engineering and Energy; Earthquake Engineering; Project Economics and Management; Groundwater Hydrology and Contamination; Water Resources Planning and Management; Highway and Traffic Engineering; Waste Resource Management; Advanced Structural Engineering; Advanced Foundation Engineering; Energy Performance Assessment of Buildings; River Engineering; Water and Wastewater Engineering 2; Advanced Finite Element Analysis; Transport Management and Safety; Coastal Flood Defence. The following modules are not available for non-civil engineering graduates: Applied Hydraulics; Geotechnical Engineering; Railway Engineering and Operations; Structural Engineering

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in Engineering, Mathematics,Physical Sciences or a related subject. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 1C, IELTS 6.5 overall, with a minimum of 5.5 in all components. For more information visit **www.southampton.ac.uk/pgp/el**

Duration: one year (full time); two years (part time); part time option available on selected programmes only

Assessment: examinations, presentations, coursework and dissertation

Start date: September

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

Closing date: 31 July

Fees: **www.southampton.ac.uk/pgp/fees**

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/engine

For specific enquiries:

T: +44 (0)23 8059 3262

E: eng-pgt-apply@southampton.ac.uk

MSc Coastal and Marine Engineering and Management

The Erasmus Mundus MSc Coastal and Marine Engineering and Management (CoMEM) is a two-year, English-taught international masters programme offered by a consortium of five European universities: Norwegian University of Science and Technology, Trondheim, Norway; Polytechnic University of Catalunya, Barcelona, Spain; Technical University of Delft, Netherlands; City University London, UK; and University of Southampton, UK. Students study in two or three different countries depending on their individual track of study.

Programme structure

There are five specialist tracks:
1) Arctic Marine Coastal Engineering; 2) Marine Operations and Management; 3) Environment and Management; 4) Coastal Engineering; 5) Engineering and Environment. Students on tracks 3, 4 and 5 attend the University of Southampton.

Key facts: additional information

All applications for this programme should be made to the Norwegian University of Science and Technology (NTNU). Details about admission and selection procedures, including how to apply, can be found on the NTNU website:
www.ntnu.edu/studies/mscomem

MSc Computational Engineering Design (Advanced Mechanical Engineering Science)

This course is for graduates of engineering, mathematics or physical science who want to be challenged academically, gain exposure to modern issues in advanced mechanical engineering science and specialise in computational engineering and design. We will teach you the latest techniques, methods and simulation software. This will give you accurate insights into how innovative design ideas will work in practice and how to apply them effectively with industry.

Programme structure

Compulsory modules include:
Introduction to Advanced Mechanical Engineering Science; Numerical Methods; Advanced Computational Methods I; Design Search and Optimisation; MSc Research Project
Optional modules include: Finite Element Analysis in Solid Mechanics; Advanced FEA; Advanced Computational Methods II; Aircraft Structural Design; Engineering Design with Management; Computational Methods in Biomedical Engineering Design; Advanced Management; Applications of CFD; Advanced Partial Differential Equations

MSc Energy and Sustainability: Energy, Environment and Buildings

MSc Energy and Sustainability: Energy Resources and Climate Change

The sustainable provision and use of energy is a major challenge of the 21st century. Our MSc programmes are designed to equip you to become one of the next generation of energy professionals. Our multidisciplinary approach will enable you to tackle climate change issues, while improving energy supply and the built environment. You will learn to view energy and sustainability challenges from multiple perspectives, which will help you to develop rounded and lasting solutions.

Programme structure

Energy, Environment and Buildings

Compulsory modules include:
Introduction to Energy Technologies, Environment and Sustainability; Climate Change, Energy and Settlements; Geographical Information Systems for Environmental Consultants; Energy Resources and Engineering; Data Analysis and Experimental Methods for Civil and Environmental Engineering; Energy Performance Assessment of Buildings; Climatic Design of Buildings and Cities; MSc Research Project
Optional modules include: one module from either Waste Resource Management or Bioenergy

Energy, Resources and Climate Change

Compulsory modules include:
Introduction to Energy Technologies, Environment and Sustainability; Climate Change, Energy and Settlements; Geographical Information Systems for Environmental Consultants; Energy Resources and Engineering; Data Analysis and Experimental Methods for Civil and Environmental Engineering; Bioenergy; Waste Resource Management; MSc Research Project
Optional modules include: one module from either Energy Performance Assessment of Buildings or Climatic Design of Buildings and Cities

MSc Engineering in the Coastal Environment

The coastal zone is widely recognised as important at national, European and global levels and our unique one-year course has been developed – with input from industry – to enable you to understand environmental issues and apply this to engineering problems. You will further your career by learning core knowledge of environmental coastal engineering; develop key skills – such as the use of numerical models and Environmental Impact Assessment – and to understand the design of coastal structures. You will learn to apply this knowledge to address real problems in the coastal zone.

Programme structure

Introductory and core modules:
Modelling Coastal Processes; Coastal Flood Defence; Coastal Morphodynamics; Coastal Sediment Dynamics; Environmental Impact Assessment; GIS; Understanding Civil Engineering (Hydraulics) (for non-engineers); Introduction to Marine Geology (for engineers); Key Skills and Applied Coastal Oceanography; Coastal and Maritime Engineering and Energy; MSc Research Project

Key facts: additional information

Entry requirements: a UK bachelors degree with upper second-class honours or higher in civil engineering, environmental or physical sciences, geography, geology or oceanography. See international equivalent qualifications

MSc Engineering Materials (Advanced Mechanical Engineering Science)

Our MSc in Engineering Materials provides exposure to modern issues in advanced mechanical engineering science and is suitable for graduates of engineering, mathematics or physical science. On our course you will have the opportunity to specialise in material properties, their limitations and engineering context. We offer a sound understanding of the relevant fundamental science, methods, analysis and engineering applications.

Programme structure

Compulsory modules include:
Introduction to Advanced Mechanical Engineering Science; Microstructural Engineering for Transport Applications; Surface Engineering; Failure of Materials and Components; Microstructural and Surface Characterisation; MSc Research Project
Optional modules include:
Manufacturing and Materials; Biomaterials; Finite Element Analysis in Solid Mechanics; Composites Engineering Design and Mechanics; Experimental Mechanics; Aircraft Structural Design; Advanced Electrical Systems; Bio, Nano and Modelling Aspects of Tribology; Aircraft Propulsion; Fuel Cells and Photovoltaic Systems I; Fuel Cells and Photovoltaic Systems 2; Advanced Management

MSc Maritime Engineering Science: Advanced Materials

Our MSc programme is designed for graduates of engineering, mathematics and physical sciences. Prior specialised knowledge of the discipline isn't essential, as we will provide you with an introductory module to the fundamentals of Ship Science. Throughout the course, you will learn core naval and architecture subject areas with an in-depth study of engineering materials.

Programme structure

Compulsory modules include:
Fundamentals of Ship Science; MSc Research Project; Microstructural Engineering for Transport Applications; Marine Law and Management; Failure of Materials and Components; Marine Safety and Environmental Engineering
Optional modules include: Finite Element Analysis in Solid Mechanics; Manufacturing and Materials; Yacht and High Performance Craft; Surface Engineering; Microstructural and Surface Characterisation; Ship Manoeuvring and Control; Marine Hydrodynamics; Marine Structures; Composites Engineering Design and Mechanics; Marine Structures in Fluids

MSc Maritime Engineering Science: Marine Engineering

This MSc programme will enable you to specialise in marine engineering systems on board ships and offshore platforms that facilitate their functional capability. Our course is suitable for graduates of engineering, mathematics and physical sciences. Prior specialised knowledge of the discipline isn't necessary, as we will provide you with an introductory module to the fundamentals of Ship Science.

Programme structure

Compulsory modules include:
Fundamentals of Ship Science; MSc Research Project; Advanced Sensors and Condition Monitoring; Marine Law and Management; Marine Engineering; Advanced Control Design; Advanced Electrical Systems; Marine Safety and Environmental Engineering
Optional modules include: Fuel Cells and Photovoltaic Systems 1; Tribology Engineering and Engine Tribology; Advances in Ship Resistance and Propulsion; Control and Instrumentation; Maritime Robotics

Key facts (for all MSc Maritime Engineering Science programmes)

We may consider applicants with UK bachelors degrees in oceanography or architecture.

MSc Maritime Engineering Science: Maritime Computational Fluid Dynamics

Our MSc programme will focus on teaching you computational techniques, their applications in predictions of fluid behaviour and the interactions with structure. Our course is suitable for graduates of engineering, mathematics and physical sciences. Prior specialised knowledge of the discipline isn't necessary, as we will provide you with an introductory module to the fundamentals of Ship Science.

Programme structure

Compulsory modules include:
Fundamentals of Ship Science; MSc Research Project; Applications of Computational Fluid Dynamics; Advances in Ship Resistance and Propulsion; Marine Hydrodynamics; Marine Safety and Environmental Engineering
Optional modules include: Finite Element Analysis in Solid Mechanics; Advanced Computational Methods I; Turbulence: Physics and modelling; Flow Control; Ship Manoeuvring and Control; Marine Structures; Design Search and Optimisation; Offshore Engineering and Analysis; Marine Structures in Fluids

MSc Maritime Engineering Science: Naval Architecture

Our MSc programme will cover the core subjects of naval architecture and provide you with an in-depth knowledge of the design and analysis of marine craft and structures within the marine environment. Our course is suitable for graduates of engineering, mathematics and physical sciences. You will not be required to know prior specialised knowledge of the discipline, as we will provide you with an introductory module to the fundamentals of Ship Science.

Programme structure

Compulsory modules include:
Fundamentals of Ship Science; MSc Research Project; Advances in Ship Resistance and Propulsion;

Marine Safety and Environmental Engineering; Marine Structures in Fluids; Marine Law and Management
Optional modules include: Finite Element Analysis in Solid Mechanics; Yacht and High Performance Craft; Applications of Computational Fluid Dynamics; Numerical Methods; Ship Manoeuvring and Control; Marine Hydrodynamics; Marine Structures; Design Search and Optimisation; Failure of Materials and Components; Renewable Energy from Environmental Flows; Offshore Engineering and Analysis

MSc Maritime Engineering Science: Offshore Engineering

In this MSc programme you will cover the design and structural analysis of offshore fixed and floating structures. We will give you an understanding of maritime robotics for oceanography, offshore exploitation and disaster response. Our course is suitable for graduates of engineering, mathematics and physical sciences. Prior specialised knowledge of the discipline is not required, as we will provide you with an introductory module to the fundamentals of Ship Science.

Programme structure

Compulsory modules include:
Fundamentals of Ship Science; MSc Research Project; Marine Law and Management; Finite Element Analysis in Solid Mechanics; Marine Safety and Environmental Engineering; Offshore Engineering and Analysis; Marine Structures in Fluids; Maritime Robotics
Optional modules include: Applications of Computational Fluid Dynamics; Thermofluid Engineering for Low Carbon Energy; Advances in Ship Resistance and Propulsion; Design Search and Optimisation; Marine Hydrodynamics; Marine Structures; Renewable Energy from Environmental Flows; Ship Manoeuvring and Control

MSc Maritime Engineering Science: Yacht and Small Craft

Our MSc specialises in the analysis, design and performance of yachts, small craft and other high-performance vessels, and will suit graduates of engineering, mathematics and physical sciences. Our engineers from the world-renowned Wolfson unit will contribute to your teaching on this course. You will not require a specialised knowledge of this discipline as an introductory module, the Fundamentals of Ship Science, is part of the course.

Programme structure

Compulsory modules include:
Fundamentals of Ship Science; MSc Research Project; Yacht and High Performance Craft; Marine Law and Management; Sailing Yacht and Powercraft Design; Marine Safety and Environmental Engineering
Optional modules include: Finite Element Analysis in Solid Mechanics; Manufacturing Materials; Applications of Computational Fluid Dynamics; Advanced Sensors and Condition Monitoring; Advances in Ship Resistance and Propulsion ; Ship Manoeuvring and Control; Marine Hydrodynamics; Marine Structures; Design Search and Optimisation; Composite Engineering Design and Mechanics; Failure of Materials and Components; Renewable Energy from Environmental Flows

MSc/PG Dip/PG Cert Marine Technology

This programme is run by a consortium of four UK universities (mtec@work), recognised for their excellence in marine technology education and research: Newcastle, Strathclyde, Southampton, and University College London. It aims to meet the needs of graduates and their employers; all students are usually in full-time, marine-sectored employment. Teaching is delivered through a combination of distance learning and one-week intensive schools, with pre-school preparation and post-school assignments.

Programme structure

Nine technology streams: Classification and Survey; Conversion and Repair; Defence; General; Marine Engineering; Marine Renewable Energy; Naval Architecture; Offshore Engineering; Small Craft Design

Key facts: additional information

This degree is awarded by Newcastle University. All applications for this programme should be made to the Marine Technology Education Consortium (MTEC). Please refer to the MTEC website for entry requirements and information about the application process: **www.mtec.ac.uk**

MSc Mechatronics (Advanced Mechanical Engineering Science)

Our course – suitable for graduates of engineering, mathematics or physical sciences – will challenge you academically and provide exposure to modern issues in advanced mechanical engineering science. You will have the opportunity to specialise in mechatronics and will learn to confidently use advanced electrical systems. You will understand both the impact and use of control systems, instrumentation and sensors. You will also gain in-depth knowledge of the relevant fundamental science, methods, analysis and engineering applications.

Programme structure

Compulsory modules include:
Introduction to Advanced Mechanical Engineering Science; Control and Instrumentation; Advanced Sensors and Condition Monitoring; Advanced Electrical Systems; Advanced Control Design; MSc Research Project
Optional modules include: Automotive Propulsion; Advanced Computational Methods I; Finite Element Analysis in Solid Mechanics; Fuel Cells and Photovoltaic Systems I; Fuel Cells and Photovoltaic Systems 2; Engineering Design with Management; Numerical Methods; Advanced Management

MSc Propulsion and Engine Systems Engineering (Advanced Mechanical Engineering Science)

Our MSc – designed for engineering, mathematics or physical science graduates – will provide you with the opportunity to specialise in engineering sciences that are key to the design, monitoring and analysis of propulsion and engine systems. Through your studies, we will give you the confidence to analyse and design advanced electrical systems.

Programme structure

Compulsory modules include:
Introduction to Advanced Mechanical Engineering Science; Advanced Electrical Systems; Aircraft Propulsion; Automotive Propulsion; MSc Research Project
Optional modules include: Tribological Engineering and Engine Tribology; Advanced Sensors and Condition Monitoring; Applications of CFD; Thermo fluid Engineering for Low Carbon Energy; Microstructural Engineering for Transport Applications; Failure of Materials and Components; Spacecraft Propulsion; Environmental and Transportation Noise; Fundamentals of Acoustics; Fuel Cells and Photovoltaic Systems I; Transport Economics; Engineering Design with Management; Microstructural and Surface Characterisation; Advanced Management

MSc Race Car Aerodynamics

Our unique MSc in Race Car Aerodynamics is suitable for graduates from engineering, scientific and mathematical backgrounds who want to specialise in aerodynamics for high-speed vehicles. In this course, we will teach you the fundamentals of aerodynamics and you will focus on the analysis, modelling and measurement of turbulent flows associated with high-performance race cars.

Programme structure

Compulsory modules include:
Applications of CFD; Experimental Methods for Aerodynamics; Race Car Aerodynamics; Race Car Design/ GDP; Turbulence: Physics and Modelling; MSc Research Project
Optional modules include: two from: Advanced Computational Methods I; Numerical Methods; Advanced Computational Methods II; Aeroelasticity; Automobile Systems; Automotive Propulsion; Design, Search and Optimisation; Flow Control; Systems Reliability; Wing Aerodynamics

Key facts

Entry requirements: must have strong fluid dynamics/ aerodynamics background.

MSc Space Systems Engineering

We are uniquely placed to offer this programme, drawing extensively from courses provided to the European Space Agency by our Astronautics group. Learning with us, you will focus on the design of all elements involved in a space mission, and use an integrated approach, which demonstrates how the various component subsystems function and interface with each other. Our course is suitable if you have previously studied physics or engineering.

Programme structure

Compulsory modules include:
Advanced Astronautics; Concurrent Engineering Design; Spacecraft Orbital Mechanics and Control; Spacecraft Propulsion; Spacecraft Structural Design; MSc Research Project
Optional modules include:
Applications of CFD, Fuel Cells and Photovoltaic Systems I; Systems Reliability; Turbulence: Physics and Modelling; Space Environment

MSc Sustainable Energy Technologies

Our academically challenging programme will introduce you to incumbent and modern energy technologies for sustainable power generation. You will learn to design and assess the performance of fuel cells and photovoltaic systems, wind power and hybrid propulsion systems. This course will suit you if you have previously studied engineering, science or mathematics.

Programme structure

Compulsory modules include:
Introduction to Energy Technologies, Environment and Sustainability; Fuel Cells and Photovoltaic Systems 1 and 2; Nuclear Energy Technology; Renewable Energy from Environmental Flows; Sustainable Energy Systems, Resources and Usage; MSc Research Project
Optional modules include: Two from: Cryogenics and Superconductivity; Thermofluid Engineering for Low Carbon Energy; Offshore Engineering and Analysis; Waste Resource Management; Bioenergy; Energy Performance Assessment of Buildings; Advanced Electrical Systems

MSc Transportation Planning and Engineering: Behaviour

MSc Transportation Planning and Engineering: Infrastructure

MSc Transportation Planning and Engineering: Operations

Our programmes in transportation planning and engineering are ideal for graduates interested in a career in transport, and for professionals employed in the transport sector who want to expand their skills and knowledge. Our courses offer a range of modules under three specialist themes, allowing you to focus on your particular interests and develop skills required for work in this sector. You will benefit from an overnight field trip and from undertaking an independent research project.

Programme structure

MSc Transportation Planning and Engineering: Behaviour

Compulsory modules include: Transport Economics; Transport Data Analysis and Techniques; Transport Planning: Policy and Governance; Transport Planning: Practice; Transport Modelling; MSc Research Project; Human Factors in Engineering; Transport, Energy and the Environment
Optional modules include: Highway and Traffic Engineering; Railway Engineering and Operations; Transport Management and Safety; Logistics Systems Operations

MSc Transportation Planning and Engineering: Infrastructure

Compulsory modules include: Transport Economics; Transport Data Analysis and Techniques; Transport Planning: Policy and Governance; Transport Planning: Practice; Transport Modelling; MSc Research Project; Highway and Traffic Engineering; Railway Engineering and Operations
Optional modules include: Transport, Energy and the Environment; Human Factors in Engineering; Transport Management and Safety; Logistics Systems Operations

MSc Transportation Planning and Engineering: Operations

Compulsory modules include: Transport Economics; Transport Data Analysis and Techniques; Transport Planning: Policy and Governance; Transport Planning: Practice; Transport Modelling; MSc Research Project; Logistics Systems Operations; Transport Management and Safety
Optional modules include: Highway and Traffic Engineering; Transport, Energy and the Environment; Railway Engineering and Operations; Human Factors in Engineering

Key facts

Duration: courses can be undertaken on a part-time basis over two years, with attendance on one day each week.

MSc Unmanned Aircraft Systems Design

Our programme – supported by several major UK companies, including Thales, BAE systems, Rolls-Royce, QinetiQ and Cobham – is suitable for graduates wishing to specialise in unmanned systems, or in support of continued professional development. You will have the opportunity to design and build a sophisticated unmanned system and have access to rapid prototyping and testing facilities to put your designs through mission testing. You will have access to a sophisticated autopilot system including relevant training.

Programme structure

Compulsory modules include: Unmanned Vehicle Systems Design; Systems Reliability; Design Search and Optimisation; Aerospace Control Design; Avionics; MSc Research Project
Optional modules include: Aeroelasticity; Aircraft Structural Design; Control and Instrumentation, Wing Aerodynamics; Advanced Control Design; Advanced Finite Element Analysis; Aircraft Propulsion; Aircraft Structures; Composites Engineering Design and Mechanics; Powered Lift; Finite Element Analysis in Solid Mechanics; Applications of CFD; Advanced Sensors and Condition Monitoring; Automotive Propulsion

"I want to be an expert in sustainable transportation. My vision is to enable cities and communities without the environmental and social problems associated with high reliance on automobiles. The skills and knowledge I've gained from my MSc course are highly applicable in industry and help me to perform professionally."

Aditya Tafta Nugraha
MSc Transportation Planning and Engineering 2015; PhD in urban transport modelling in port cities, third year

ENGINEERING ON A GLOBAL SCALE

"Studying in Malaysia allows me to network with local companies and form connections with possible future research collaborators. In the UK, my focus was to hone my technical skills. Studying in two different countries also means I get to experience two completely different cultures, which certainly helps me to become a global citizen."

Ivan T Y Ling
PhD Engineering and Environment, fourth year

Malaysia campus:
www.southampton.ac.uk/pgp/my

ENGINEERING

PhD

Working alongside our world-class team of researchers, you will acquire the grounding needed to become a successful researcher and help pioneer solutions to some of the key challenges facing society and industry. You will be given comprehensive skills training, including research methodology and specialist knowledge, taking relevant technical modules from our MEng and MSc programmes. Research projects cover a broad range of topics and are based in our internationally renowned research groups. Projects are often co-supervised and sponsored by industrial collaborators and offer you the opportunity to develop into a world-class researcher.

Key facts: additional information

Duration: three years (full time)
Start date: September
Assessment: progression reports, thesis, viva voce examination*
Funding: Grant awards or self-funded

"I chose to study at the University of Southampton because it is one of the leading UK universities in engineering. It offers numerous state-of-the-art and advanced facilities, and these are helping me to achieve my research goals."

Elisabetta Bottaro
PhD in Bioengineering, second year

Engineering Doctorate (EngD)

Our course will provide you with the technical, business and personal skills to help you fulfil your ambitions to become a senior manager of the future. Company sponsorship is a feature of the course and you will benefit from an industrial supervisor as well as a University supervisory team. The EngD combines doctoral-level research with taught modules and transferable management and leadership skills training. Research projects cover a broad range of topics and are based in our internationally renowned research groups. EngDs are available in the Integrated PhD themes previously mentioned, as well as in Transport and the Environment and a generic theme.

Programme structure

Year one is university-based, involving taught courses in technical areas related to your research and in professional and research skills. In years two to four you will carry out full-time applied research, with the opportunity to gain valuable experience of industry and commerce through periods of placement with the sponsor and further opportunities for management and leadership training.

Key facts: additional information

Duration: four years (full time)
Start date: September
Assessment: coursework, examination, presentation, thesis, annual reports and viva voce*
Funding: company-sponsored studentships: value of stipend generally higher than for a PhD; grant to cover equipment use, research consumables, travel and textbooks

MPhil

Our MPhil is an award of considerable distinction in its own right and is awarded for the successful completion of a substantial element of research or equivalent enquiry. The MPhil differs from the PhD in terms of the scope of study required and the extent of the original personal contribution to knowledge.

Key facts: additional information

Duration: two/three years (full time); three/four years (part time)
Funding: self-funded

Master of Research (MRes)

Our programme helps you develop the skills you will need to pursue a career in research. Working with one of our research groups, you will take a combination of taught technical modules and skills courses to support your research work and to broaden your knowledge in your chosen field. The MRes can be conducted in any of our research groups.

Key facts: additional information

Duration: one year (full time); two years (part time)
Assessment: examinations, coursework, thesis and viva voce*
Funding: self-funded

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Research themes

- Bioscience and biotechnology
- Integrated and sustainable cities
- Leading edge healthcare and medicine
- Manufacturing and materials of the future
- New energy technologies
- Robotics and autonomous systems/robotics and artificial intelligence
- Space and satellite technologies
- Transformative digital technologies

For the latest information about our research themes, please visit **www.southampton.ac.uk/engineering/researchthemes**

"My research involves the development of a clay/stem cell formula which, when injected into the site of injury, can regenerate damaged bones, eliminating the need for painful and expensive surgeries. Southampton is a pioneer in this line of research, which is still in its infancy. My course is highly unique and exciting; we really are changing the world."

Mohamed Mousa
PhD Stem Cells and Regenerative Medicine, second year

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in a relevant subject. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2c, IELTS 6.5 overall, with a minimum of 6.0 in all components; for more information visit **www.southampton.ac.uk/pgp/el**

Duration: three/four years (full time); seven years (part time)

Assessment: annual reports, thesis and viva voce*

Start date: September (main intake) but other possible start dates throughout the year

Applying: University application form with transcripts, certificates, references and English language qualification (if applicable); interview for shortlisted applicants

Funding: refer to our website for possible funding opportunities. **www.southampton.ac.uk/pgp/enginef**

Fees: **www.southampton.ac.uk/pgp/fees**

*For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:

www.southampton.ac.uk/pgp/enginer

For specific enquiries:

T: +44 (0)23 8059 7387
E: eng-pgr-apply@southampton.ac.uk
Malaysian campus: www.southampton.ac.uk/pgp/my

ENGINEERING

Taught programmes

ENGLISH

Choose Southampton

- Our new MA in Jane Austen gives you unique access to archives at Chawton House
- Specialist pathways in eighteenth century, nineteenth century, twentieth century, and postcolonial and world literature allow you to focus your MA English programme and prepare for doctoral work
- Fieldwork in Paris and Rome for MA Medieval and Renaissance Culture students

Mentoring by award-winning

novelists, writers, and playwrights

Our MA Jane Austen students benefit from a unique partnership with Chawton House, former home of Austen's brother

MA Jane Austen

Our new MA in Jane Austen is an interdisciplinary programme for the study of Jane Austen's culture, work, reception, and the implications of her continuing and increasing popularity in the modern day. You will be taught by a team of specialists at the University of Southampton and have unique access to the archives at Chawton House, former home of Austen's brother, and now an internationally-recognised research centre for the study of early women's writing. The programme combines academic and practical approaches, marrying the study of Jane Austen's historical and cultural context and a range of modern scholarly approaches to Austen with insights into the heritage industry and literary tourism.

Programme structure

Core modules: Approaches to Jane Austen; Jane Austen and the Heritage Industry
Optional modules: Jane Austen's Style; Fiction Before Austen; Approaches to the Long Eighteenth Century; Approaches to the Long Nineteenth Century; English Social and Cultural Life in the Long Eighteenth Century; Adventures in Literary Research; Special Project

MA Creative Writing

Our lively programme focuses on the craft of fiction, scriptwriting, poetry and writing for children through weekly writing workshops and literature seminars which engage in a close study of contemporary writing. We encourage collaboration with other art forms, allowing students to tap into our on-campus theatre and concert hall, the prestigious Winchester School of Art, and the research taking place in English and other disciplines. Visiting writers and editors deepen student understanding of the publishing world. The programme culminates in a creative writing dissertation developed in consultation with a published writer.

Programme structure

Core modules: Creative Skills Workshop; Creative Project (dissertation equivalent)
Optional modules: Narrative Non Fiction: The Interdisciplinary Art; Art and Craft of Fiction; Scriptwriting; and Writing for Children and Young People; one of these may be replaced by a module chosen from MA English or another MA programme

MA English Literary Studies

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 you to focus on a single topic.

Programme structure

Core module: Adventures in Literary Research
Optional modules: Fiction Before Austen; Approaches to the Long Eighteenth Century; Approaches to the Nineteenth Century; Approaches to the Long Twentieth Century; Women in the French Revolution; Jane Austen's Style; Scriptwriting; Victorian Readers and the Politics of Print; Writing for Children and Young People; Art and Craft of Fiction; Poetry and the City; Literature and Law; Literature and Race; Modernisms and Modernities; Sweatshops, Sex Workers and Asylum Seekers: World Literature and Visual Culture after Globalisation; another Humanities or Winchester School of Art MA module.
Plus dissertation
Note: modules vary from year to year

MA English Literary Studies (pathways)

MA English Literary Studies (Eighteenth Century)

This pathway 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.

Programme structure

Core module include: Adventures in Literary Research; Approaches to the Long Eighteenth Century
Optional modules include: Fiction Before Austen; Jane Austen's Style; Victorian Readers and the Politics of Print; War, Rebellion and Race in the Early American Republic; English Social and Cultural Life in the Long Eighteenth Century; other relevant MA English or History modules; another Humanities or Winchester School of Art MA module.
Plus dissertation
Note: modules vary from year to year

MA English Literary Studies (Nineteenth Century)

This pathway allows you to specialise in the history and culture of the long nineteenth century through interdisciplinary study encompassing literature, history, publishing and print culture, and visual and material culture. You will be introduced to concepts and issues central to current research in the period, and will participate in study visits to national archives and resources.

Programme structure

Core module: Adventures in Literary Research; Approaches to the Nineteenth Century
Optional modules: Victorian Readers and the Politics of Print; The Victorian Monarchy; Imperialism and Decolonisation; Modernisms and Modernities; Literature and Law; Literature and Race; Jane Austen's Style; Special Project: Text, Context, Intertext; Special Project: Text, Culture, Theory; Poetry and the City; other relevant MA English or History modules; another Humanities or Winchester School of Art MA module.
Plus dissertation
Note: modules vary from year to year

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in English literature, or a related subject. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 7D, IELTS 7.0 overall, with a minimum of 7.0 in writing and 6.5 in reading, listening and speaking

Duration: one year (full time); two years (part time)

Assessment: essays, projects and dissertation

Start date: September

Applying: University application form with degree transcripts, two academic references and a sample of written work

Closing date: 1 September

Funding: AHRC funding and University scholarships may be available

Fees:
www.southampton.ac.uk/pgp/fees

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/eng

For specific enquiries:
T: +44 (0)23 8059 8062
E: hums-pgt-apply@southampton.ac.uk

MA English Literary Studies (Twentieth Century and Contemporary)

This pathway explores the complex cultural histories of recent literatures in English, including modernist writing; contemporary writing; gender and sexuality; literature's relationship to other discourses (law, science, race); national, minority, dissident and diasporic writing; and postcolonial literatures. We offer advanced training in close textual study, history and theory.

Programme structure

Core modules include: Adventures in Literary Research; Approaches to the Long Twentieth Century.
Optional modules include: Modernisms and Modernities; Literature and Race; Poetry and the City; Literature and Law; Sweatshops, Sex Workers, and Asylum Seekers: World Literature after Globalisation; Special Project: Text, Context, Intertext; Special Project: Text, Culture, Theory; other relevant MA English or History modules; another Humanities or Winchester School of Art MA module.
Plus dissertation
Note: modules vary from year to year

MA English Literary Studies (Postcolonial and World Literature)

This pathway explores the emergence of postcolonial and world literatures in English, and the histories of empire and decolonisation underpinning these literatures. It considers how different postcolonial cultures have transformed genre and form; and how the global intersections of race, gender, sexuality, and diaspora have changed our ways of reading literature's worldliness.

Programme structure

Core module: Adventures in Literary Research
Optional modules include: Literature and Race; Sweatshops, Sex Workers, and Asylum Seekers: World Literature after Globalisation; From Conquest to Colonisation; Nehru's India; Imperialism and Decolonisation; The Empire Strikes Back; Literature and Law; other relevant MA English or History modules; another Humanities or Winchester School of Art MA module
Plus: dissertation
Note: modules vary from year to year

MA Medieval and Renaissance Culture

www.southampton.ac.uk/cmrc

This interdisciplinary MA will equip you to carry out independent research while exploring broad themes and questions in medieval and renaissance culture. You will be taught by specialist staff from disciplines including music, literature, history and archaeology. The MA's core module provides training in research skills, notably in reading original manuscripts and documents, and includes hands-on experience in Salisbury Cathedral Library and Archives and a week-long trip abroad, either to Rome or Paris. You will also take a course in Latin or another foreign language, depending on which is most useful for your research.

Programme structure

Core module: From Medieval to Renaissance: Reading the Evidence or another foreign language
Compulsory module: Latin
Optional modules include: Medieval Political Thought; Remaking Rome; Shakespeare in the World; Jerusalem: City and Symbol. Individually negotiated topics allow students to explore their own areas of interest
Plus dissertation
Note: modules vary from year to year

Related Courses

MA Jewish History and Culture
See page 118

"My first experience of taught Creative Writing was a second-year English module, which inspired me to take a Creative Writing MA. I am now a published author, taking my first steps into the literary world. When not writing fiction I also create compelling content for an award-winning digital marketing agency."

Thomas Brown
MA Creative Writing, 2013
Novelist and Marketing Executive

Research programmes

ENGLISH

PhD/PhD by Distance Learning

We offer PhD supervision in English, interdisciplinary studies (via the research centres) and creative writing. Our postgraduates 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. You will participate in weekly research seminars and will be encouraged to contribute to conferences, at Southampton and elsewhere. We welcome informal enquiries and like to work with students to refine their research proposals before they submit their formal applications.

Research centres

- Centre for Imperial and Postcolonial Studies
- Centre for Medieval and Renaissance Culture
- Centre for Modern and Contemporary Writing
- Parkes Institute for the Study of Jewish/Non-Jewish Relations
- Southampton Centre for Eighteenth Century Studies
- Southampton Centre for Nineteenth Century Research

"I chose to carry out my PhD research at Southampton after completing the MA Eighteenth Century Studies. As my research project focuses on pregnancy in eighteenth-century literature, Southampton seemed an obvious choice due to its relationship with Chawton House and the Southampton Centre for Eighteenth Century Studies. Studying at Southampton has been hugely enjoyable and I've had the opportunity to work with some fantastic people, both on the staff and in the postgraduate community."

Jeni Buckley
PhD English

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher and a Master of Art at Merit* in English Literature or a related subject. *(typically between 60% and 69% in the UK)
See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 7D, IELTS 7.0 overall, with a minimum of 7.0 in writing and 6.5 in reading, listening and speaking

Duration: up to four years (full time); up to seven years (part time)

Assessment: progression reviews at fixed points during candidature, thesis and viva voce **

Start date: September and January

Applying: University application form with degree transcripts, two academic references, research proposal and a sample of written work

Closing date: three months prior to the start of the programme (dependent on funding body deadlines)

Funding: AHRC funding and University studentships may be available

Fees:
www.southampton.ac.uk/pgp/fees

Note: candidates are advised to contact prospective supervisors with the subject of their proposed research prior to application

**For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/eng
For specific enquiries:
T: +44 (0)23 8059 8062
E: hums-pgr-apply@southampton.ac.uk

Taught programmes

ENVIRONMENTAL SCIENCE

Choose Southampton

- The breadth and quality of our teaching and research is reflected in the flexibility and range of our postgraduate degrees
- Our courses will provide you with the transferable skills to enter a multitude of sectors, from consultancy to not-for-profit
- Practical and project work will develop research skills

You will be taught by **award-winning** lecturers

MSc Biodiversity and Conservation

Our course will provide you with excellent preparation for a career as an environmental scientist in conservation, whether working for local authorities, NGOs or international consultancies. Environmental scientists are vital for the conservation and enhancement of our biodiversity. The accurate monitoring of species diversity, change, population abundance and distribution are key in the protection and enhancement of our ecosystems.

Programme structure

Compulsory modules include:
Environmental Impact Assessment; Freshwater Ecosystems; Global Change Biology; MSc Research Project; Advanced Quantitative Methods
Optional modules include: Advanced GIS and Spatial Analysis; Environmental Pollution; Deep Sea Ecology; Environmental Law and Management; Geographical Information Systems for Environmental Consultants; Bioenergy; Applied Ecology; River Basin Management and Restoration

MSc Environmental Monitoring and Assessment

Environmental management professionals play a critical role in the safe and responsible governance of our environment. Therefore we have placed the importance of accurate monitoring of environmental data and assessment of predicted change at the heart of this diverse programme. We will help you develop the professional skills required for a career as an environmental scientist in this fast-growing and rapidly changing industry.

Programme structure

Compulsory modules include:
Environmental Impact Assessment; Environmental Management Systems; Sustainable Resource Management; Environmental Law and Management; MSc Research Project; Advanced Quantitative Methods
Optional modules include:
Geographical Information Systems for Environmental Consultants; Energy Resources and Engineering; Coastal Flood Defence; Bioenergy; Advanced GIS and Spatial Analysis; Coastal and Maritime Engineering and Energy; Waste Resource Management

MSc Environmental Pollution Control

Environmental pollution experts play a crucial role in the safe and responsible management of our environment. Our MSc has therefore been designed to equip you with the ability to accurately monitor emissions and mitigate their harmful impact. You will be enabled to develop the professional skills required for a career in air, water and waste pollution management in this international industry.

Programme structure

Compulsory modules include:
Environmental Pollution; Sustainable Resource Management; Environmental Law and Management; MSc Research Project; Advanced Quantitative Methods
Optional modules include:
Environmental Management Systems; Geographical Information Systems for Environmental Consultants; Freshwater Ecosystems; River Basin Management and Restoration; Coastal and Maritime Engineering and Energy; Energy Resources and Engineering; Coastal Flood Defence; Waste Resource Management; Waste and Wastewater Engineering

"The degree was very hands on involving different pieces of coursework and debates, which I really enjoyed. This practical aspect took modules out of the books and put them, and me, into the real world of environmental consultancy and research."

Jane Clarke
MSc Integrated Environmental Studies, 2017; PhD in marine spatial planning and climate change, Queen's University Belfast, first year

MSc Integrated Environmental Studies

This diverse course will provide you with a professional outlook supported by a broad understanding of the environment. Our aim is to enable you to develop the interdisciplinary skills that you will require for a career as an environmental scientist in this exciting and fast-growing industry.

Programme structure

Compulsory modules include:
Environmental Impact Assessment; MSc Research Project; Advanced Quantitative Methods
Optional modules include: Sustainable Resource Management; Environmental Law and Management; Environmental Pollution; Geographical Information Systems for Environmental Consultants; Environmental Management Systems; Global Change Biology; Advanced GIS and Spatial Analysis; Freshwater Ecosystems; Coastal Flood Defence; Coastal and Maritime Engineering and Energy; Energy Resources and Engineering; Coastal Morphodynamics; Waste Resource Management; Bioenergy

MSc Water Resources Management

Water scientists and engineers are vital for the conservation and enhancement of our aquatic environment, both locally and globally. Our MSc will develop your ability to accurately assess the potential and existing impacts on the water environment from industrial practices, abstraction and agriculture. You will focus on developing the professional skills you will require for a rewarding career as a water-focused environmental scientist.

Programme structure

Compulsory modules include:
Freshwater Ecosystems; Environmental Pollution; MSc Research Project; Advanced Quantitative Methods
Optional modules include:
Geographical Information Systems for Environmental Consultants; Sustainable Resource Management; Environmental Law and Management; Environmental Management Systems; Coastal Flood Defence; River Basin Management; Coastal and Maritime Engineering and Energy; Coastal Morphodynamics; Waste Resource Management; Water and Wastewater Engineering

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in Biology, Environmental Sciences, Geography, Geology, Oceanography or Zoology. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 1C, IELTS 6.5 overall, with a minimum of 5.5 in all components. For more information visit **www.southampton.ac.uk/pgp/el**

Duration: one year (full time); two years (part time)

Assessment: examinations, presentations, coursework, project work and research article

Start date: September

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

Closing date: 31 July

Fees: **www.southampton.ac.uk/pgp/fees**

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/enviro

For specific enquiries:
T: +44 (0)23 8059 3262
E: envi-pgt-apply@southampton.ac.uk

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in a relevant subject. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2c, IELTS 6.5 overall, with minimum of 6.0 in all components; for more information visit **www.southampton.ac.uk/pgp/el**

Duration: three/four years (full time); seven years (part time)

Assessment: annual reports, thesis and viva voce*

Start date: September (main intake) but other possible start dates throughout the year

Applying: University application form with transcripts, certificates, references and English language qualification (if applicable); interview for shortlisted applicants

Funding: refer to our website for possible funding opportunities

Fees: **www.southampton.ac.uk/pgp/fees**

*For more information on continued assessment throughout your research programme, see page 41

Research programmes

ENVIRONMENTAL SCIENCE

PhD

Working alongside our world-class team of researchers, you will acquire the grounding needed to become a successful researcher and help pioneer solutions to some of the key challenges facing society and industry. You will be given comprehensive skills training, including research methodology and specialist knowledge, taking relevant technical modules from our MEng and MSc programmes. Research projects cover a broad range of topics and are based in our internationally renowned research groups. Projects are often co-supervised and sponsored by industrial collaborators and offer you the opportunity to develop into a world-class researcher.

Key facts: additional information

Assessment: progression reports, thesis, viva voce examination*
Funding: grant awards or self-funded

"My work has involved a challenging but fun balance of field, lab and desk-based research. The interdisciplinary approaches I use have given me access to a wide range of excellent, on-site facilities."

Jack Merrifield
PhD in Environmental Science, fourth year

MPhil

The MPhil is an award of considerable distinction in its own right and is awarded for the successful completion of a substantial element of research or equivalent enquiry. The MPhil differs from the PhD in terms of the scope of study required and the extent of the original personal contribution to knowledge (see PhD).

Key facts: additional information

Duration: two/three years (full time); three/four years (part time)
Funding: self-funded

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/enviror
For specific enquiries:
T: +44 (0)23 8059 7387
E: envi-pgr-apply@southampton.ac.uk

BEATING INFECTIONS AT THEIR OWN GAME

Antibiotic resistance is on the rise, and infections which until now have been easily treatable will increase in threat. If this situation continues, infections and illnesses that would previously have been curable by antibiotics will kill more people worldwide than cancer by 2050.

Scientists and researchers at the University of Southampton are joining forces across disciplines to combat the risks of antibiotic resistance, searching for alternatives and exploring ways to prevent infection in the first place.

Dr Thomas Secker (PhD Biological Sciences, 2012) and postgraduate research student Freya Malcher are working with Professor Tim Leighton and his StarStream invention, using ultrasonics to prevent infection by deep cleaning surfaces, wounds and infected materials.

"If bacteria keep becoming resistant and we don't find new antibiotics, a simple thing like going to your doctors with a minor bacterial infection, or having routine surgery, could actually kill you," says Thomas.

"We are looking at ways to prevent infections in the first place; if we can slow that whole process down by stopping microbes infecting a person with more effective ways of cleaning wounds, for example, it will be a huge help in the race against Antimicrobial Resistance (AMR)."

"In my research I have to think about how you can make a device that people actually want to use. AMR is important and something needs to be done. Doing a PhD in this area is actually helping the world a little bit, and combatting issues that we need to really think about. If we don't do something about it now, who knows what could happen?"

Freya Malcher
MEng Acoustical Engineering, 2017;
PhD Engineering, first year

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in Film, or a related subject. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2C, IELTS 6.5 overall, with a minimum of 6.0 in all components

Duration: one year (full time); two years (part time)

Assessment: essays, presentations and dissertation

Start date: September

Applying: University application form with degree transcripts and two academic references (plus sample of written work for MA Film and Cultural Management)

Closing date: 1 September

Funding: AHRC funding and University scholarships may be available

Fees: **www.southampton.ac.uk/pgp/fees**

Taught programmes

FILM STUDIES

Choose Southampton

- Film consistently ranked in the top 10 (*The Guardian University Guide*)
- Annual Humanities Postgraduate Conference provides valuable networking opportunities
- Explore subjects from nineteenth-century film history to digital cinema with a world-leading film department
- Extensive audio-visual and IT facilities in teaching and screening venues

Our **Centre for International Film Research (CIFR)** showcases new research in Film Studies

MA Film

This programme offers students a high level of understanding of film studies as well as being the ideal preparation for doctoral research. It 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, including 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 include: 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
Optional modules include: two from: Auteur Filmmakers: Case Studies in Cinema; Current Issues in Film Distribution and Exhibition; East Asian Action Cinema; Film Policy: National and Global Perspectives; Screen Stars in Context; Individually Negotiated Topic; another Humanities MA module
Plus dissertation
Note: modules are subject to availability, with only a selection running each year

MA Film and Cultural Management

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 film festival organisation, 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.

Programme structure

Core modules include: 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 or Post-Classical Film Theory: History, Reception, Cinephilia
Optional modules include: Screen Stars in Context; Individually Negotiated Topic; another Humanities MA module
Plus dissertation
Note: modules are subject to availability, with only a selection running each year

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/film

For specific enquiries:
T: +44 (0)23 8059 8062
E: hums-pgt-apply@southampton.ac.uk

Research programmes

FILM STUDIES

PhD

We welcome enquiries on any topic in film and television. Excellent research resources are available 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 and screen studies and to take on professional tasks early in your candidature.

Key facts: additional information

Duration: up to four years (full time); up to seven years (part time).
Assessment: progression reviews at fixed points during candidature, thesis and viva voce **
English Language: band 7D IELTS 7.0 overall, with a minimum of 7.0 in writing and 6.5 in reading, listening and speaking, or an equivalent standard in other qualifications approved by the University.

Integrated PhD

The Integrated PhD is a four-year programme (maximum length of five years) consisting of one year of taught modules and three years of independent research leading to a PhD.

Key facts: additional information

Entry requirements: a UK bachelors degree with upper second-class honours or higher in Film, or a related subject. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**
Duration: up to five years (full time)
Assessment: taught modules and thesis
English Language: band 2C, IELTS 6.5 overall, with a minimum of 6.0 in all components, or an equivalent standard in other qualifications approved by the University.

PhD by Distance Learning

The PhD by Distance Learning is an opportunity for international students to undertake a doctoral degree from abroad. Supervision is provided through electronic communication and short visits.

Research areas

- Animation
- British and European cinema
- Censorship
- Cinema and the past
- Cult films and popular film genres (including science fiction and horror)
- East Asian cinema
- Film aesthetics
- Film policy
- Gender and sexuality
- Hollywood
- Musicals
- New technologies
- Production history and industry studies
- Propaganda
- Silent cinema
- Sound and music
- Star studies
- Television studies
- Transnational and world cinema
- War and film
- Women in the film industry

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second class honours or higher and a Master of Art at Merit* in Film or a related subject *(typically between 60% and 69% in the UK). See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: see individual course listings

Duration: see individual course listings

Assessment: see individual course listings

Start date: September and January

Applying: University application form with degree transcripts, two academic references , research proposal and a sample of written work

Closing date: three months prior to the start of the programme (dependent on funding body deadlines)

Funding: AHRC funding and University studentships may be available

Fees: **www.southampton.ac.uk/pgp/fees**

**For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/film

For specific enquiries:
T: +44 (0)23 8059 8062
E: hums-pgr-apply@southampton.ac.uk

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in geography or a subject related to geography. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: MSc Applied Geographical Information Systems and Remote Sensing: band 1C, IELTS 6.5 overall, with a minimum of 5.5 in all components; MSc Sustainability: band 2C, IELTS 6.5 overall, with a minimum of 6.0 in all components. For more information visit
www.southampton.ac.uk/pgp/el

Duration: one year (full time); 27 months (part time); no part- time option for MSc Applied Geographical Information Systems and Remote Sensing

Assessment: groupwork, coursework and dissertation, and exams

Start date: late September

Applying: University application form with transcripts and two references

Closing date: 31 July, early applications encouraged

Funding: scholarships may be available
www.southampton.ac.uk/pgp/geof

Fees:
www.southampton.ac.uk/pgp/fees

Additional costs: those associated with production of dissertation

Taught programmes

GEOGRAPHY

Choose Southampton

- Home to the renowned GeoData Institute with direct links to remote sensing research
- Only UK geography department to have a DNA lab giving insight into past environmental change
- Other state-of-the-art equipment includes high-end geoprocessing suite and spectroscopy facilities

100% of our research is rated **world leading** or internationally excellent for the research environment we provide

(latest REF, 2014)

MSc Applied Geographical Information Systems and Remote Sensing

This innovative, interdisciplinary programme combines the areas of remote sensing and spatial analysis (GIS), giving scope for a broad overview or specialisation. It focuses on real-world problems by applying technology to areas such as public health and environmental management. It combines the study of these two key spatial technologies into a single programme that will enhance your employability in these communities.

Programme structure

Compulsory modules include:
Skills and Project Work; Core Skills in GIS; Practical Skills in Remote Sensing; Topographic Data Analysis, Techniques and Applications; Dissertation, with possibility of projects with industrial partners
Optional modules include: GIS for Environmental Management; Programming for GIS and Spatial Analysis; GIS for Healthcare Management; GIS for Analysis of Health; Programming for Remote Sensing; Remote Sensing for Earth Observation

MSc Sustainability

This research-led, applied, interdisciplinary programme explores sustainability in both developed and developing societies. It focuses on the global issues affecting the planet, including climate change, social and health inequalities, poverty and global recession.

Taught by world-class academic experts, the programme offers a solid foundation for developing careers in the public, private and third sectors as well as national and international agencies.

MSc Sustainability (Research) PG Cert and PG Dip are also optional routes.

Programme structure

Compulsory modules include:
Introduction to Sustainability Science; Data Collection for Assessing Sustainability; Environmental Impact Assessment; Research Project/Dissertation
Optional modules include:
Environmental Management Systems; Geographic Information Systems; Population, Poverty and Policy: International Corporate Social Responsibility; Consultancy Skills; GIS for Analysis of Health; Census and Neighbourhood Analysis; Overseas residential field course

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/geo

For specific enquiries:

T: +44 (0)23 8059 2980

E: geog-pgt-apply@southampton.ac.uk

Research programmes

GEOGRAPHY

PhD

Geography has a vibrant international postgraduate community, with research students accommodated in a purpose-built Graduate School.

Facilities include laboratories for Earth science and palaeoenvironmental research, hydrological and ecological research and an instrumented research catchment in the New Forest, all supported by technical support staff. In addition, research using GIS and Earth observation is supported by a dedicated technician and a suite of geocomputation computers.

Postgraduates enjoy high levels of support and are integrated into our community through our active postgraduate research groups, participation in research seminars with visiting speakers, and research workshops given by both students and staff.

Programme structure:

Each PhD student receives formal research training and detailed tuition tailored to their own needs.

Research groups

Earth Surface Dynamics (ESD) group
www.southampton.ac.uk/geography/esd

Economy, Governance and Culture (EGC) group
www.southampton.ac.uk/geography/egc

GeoData
www.geodata.soton.ac.uk

Global Environmental Change and Earth Observation (GECEO) group
www.southampton.ac.uk/geography/geceo

Palaeoenvironmental Laboratory at the University of Southampton (PLUS)
www.southampton.ac.uk/geography/plus

Population, Health and Wellbeing (PHeW) group
www.southampton.ac.uk/geography/phew

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours and a Master of Science/Art in a relevant subject, plus satisfactory performance at interview. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 2C, IELTS 6.5 overall, with a minimum of 6.0 in all components For more information visit
www.southampton.ac.uk/pgp/el

Assessment: annual reports, confirmation, interim thesis, thesis and viva voce*

Duration: three years for a standard full-time PhD, or six years part time; with a maximum period of candidature of four years (full time) and seven years (part time)

Start date: September, but sometimes possible throughout the year

Closing date: Applications for full- and part-time study are welcomed at any time

Applying: University application form with transcripts, research proposal and two references

Funding: may be available via the University and the South Coast Doctoral Training Partnership; students are provided with a minimum annual support grant of £750
www.southampton.ac.uk/pgp/geof

Fees:
www.southampton.ac.uk/pgp/fees

Additional costs: fieldwork, printing and photocopying, etc.

*For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/geo

For specific enquiries:

T: +44 (0)23 8059 2216

E: geog-pgr-apply@southampton.ac.uk

Taught programmes

GERONTOLOGY

Choose Southampton

- Host to renowned interdisciplinary research and teaching in the Centre for Research on Ageing
- One of the few masters programmes in the country to offer distance learning in ageing, research methods, and policy
- Strong links with leading charities and policymakers including Age UK, British Society of Gerontology and the Office for National Statistics

100%
of our research has been rated world leading for the research environment provided to staff and students*

*latest REF, 2014 UoA Social Policy

MSc/PG Cert Gerontology

This innovative MSc offers interdisciplinary education in the study of gerontology 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, theoretical perspectives on gerontology and national and international policy and practice in adult and elder care services. You may take up to two modules from the distance learning (DL) postgraduate programme in gerontology.

Programme structure

Compulsory modules include: Ageing, Health and Wellbeing; Demographic Change, Ageing and Globalisation; Perspectives in Gerontology; Qualitative Methods (I and II); Researching Ageing Societies
Optional modules include: one from: Mental Health and Ageing (DL); Poverty and Social Protection Around the World (DL); Philosophy of Social Science Research; Quantitative Methods (I and II); Research Design and Practice; Quantitative Research Methods (DL)
Plus dissertation (MSc only)

MSc Gerontology (Research)

This pathway offers interdisciplinary education in the study of gerontology and enhanced training in research methods, and is aimed at students who are considering further postgraduate research study.

Programme structure

Compulsory modules include: Ageing, Health and Wellbeing; Demographic Change, Ageing and Globalisation; Qualitative Methods I; Quantitative Methods I; Perspectives in Gerontology; Philosophy of Social Science Research; Research Design and Practice
Plus two research half-modules from: Qualitative Methods II; Quantitative Methods II; Survey Design.
Plus dissertation (MSc only)

MSc/PG Cert Gerontology (Distance Learning)

This programme will equip you with specialist knowledge in gerontology and key research skills through distance learning. You will be supported in accessing online learning material related to social, demographic and economic issues, theoretical and critical perspectives, and national and international policy and practice in adult and older people's health and social care services.

Programme structure

Compulsory modules include: Ageing, Health and Wellbeing (DL); Demographic Change, Ageing and Globalisation (DL); Perspectives in Gerontology (DL); Qualitative Research Methods (DL)
Optional modules include: Mental Health and Ageing (DL); Poverty and Social Protection Around the World (DL); Researching Ageing Societies (DL); Quantitative Research Methods (DL)
Plus dissertation (MSc only)
This programme is also offered on a flexible part-time basis over 3.25 years

MSc/PG Cert Global Ageing and Policy (Distance Learning)

Designed for mid-career professionals in government departments and non-governmental organisations around the world that focus on designing social policies for older people, this innovative programme will equip you with critical skills in policy evaluation and research methods, as well as key literature in population ageing in specific regions of the world, such as sub-Saharan Africa and South-East Asia.

In addition, you will have the option to specialise in quantitative or qualitative research methods. You will be supported in accessing online resources, and developing valuable career networks with peers around the world.

Programme structure

Compulsory modules include: Global Perspectives in Gerontology (DL); Policy Evaluation for Ageing Societies (DL)
Optional modules include: Ageing, Health and Wellbeing (DL); Mental Health and Ageing (DL); Poverty and Social Protection Around the World (DL); Ageing in Sub-Saharan Africa: Research and Policy (DL); Ageing in China and South-East Asia (DL); Demographic Change, Ageing and Globalisation (DL); Qualitative or Quantitative Research Methods (DL)
Plus dissertation (MSc only)
This programme is also offered on a flexible part-time basis over 3.25 years

More details can be found at:
www.southampton.ac.uk/pgtglobalageing

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 1C, IELTS 6.5 overall, with a minimum of 5.5 in all components

Duration: One year (full time); 27 months (part time)

Assessment: coursework and dissertation

Start date: September

Applying: University application form with transcripts and two references

Closing date: none, but early application advised

Funding: International scholarships; University scholarships – MSc Gerontology and MSc Gerontology (Research); Commonwealth Shared Scholarships – MSc Gerontology; Commonwealth scholarships – MSc Gerontology (Distance Learning) and MSc Global Ageing and Policy (Distance Learning);
cscuk.dfid.gov.uk
Funding may be available via the Faculty and the ESRC South Coast Doctoral Training Partnership
www.southampton.ac.uk/pgp/agef

Fees:
www.southampton.ac.uk/pgp/fees

Additional costs: printing and photocopying

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/age

For specific enquiries:
T: +44 (0)23 8059 2511
E: gero-pgt-apply@southampton.ac.uk

GERONTOLOGY

Key facts

Unless otherwise stated

Entry requirements:
PhD: a UK bachelors degree with upper second-class honours or higher and a Master of Science at Merit* or higher in a relevant subject (*typically between 60% and 69% in the UK) plus satisfactory performance at interview
IPhD: a UK bachelors degree with upper second-class honours or higher plus satisfactory performance at interview. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2C, IELTS 6.5, with minimum of 6.0 in all components

Duration: three to four years (full time); up to seven years (part time)

Assessment: annual reports, confirmation, interim thesis, thesis and viva voce*

Start date: September or throughout the year

Applying: University application form with transcripts, research proposal and references

Closing date: none, but early application advised

Funding: University funding may be available **www.southampton.ac.uk/pgp/agef** and from the ESRC South Coast Doctoral Training Partnership **www.southcoastdtp.ac.uk**

Fees: **www.southampton.ac.uk/pgp/agef**

Additional costs: fieldwork, printing and photocopying; help may be available

*For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:

www.southampton.ac.uk/pgp/age

For specific enquiries:

T: +44 (0)23 8059 8940

E: gero-pgr-apply@southampton.ac.uk

Research programmes

GERONTOLOGY

PhD

The Centre for Research on Ageing and the department of Gerontology provides a stimulating environment for research degrees in the areas of gerontology, global ageing, the lifecourse and social policy.

Staff and associates offer supervision in a broad range of areas, including: quality of life in old age; diversity in later life and minority ethnic ageing; using the lifecourse approach to study ageing; health and social care; health inequalities in developing and developed countries; mental health and ageing; ageing in developing and transitional societies; HIV/AIDS, poverty and ageing in sub-Saharan Africa; social networks and informal support; cultural differences in informal support; paid work and informal caring; social protection; and the retirement prospects of future generations of older people.

Programme structure

Students are expected to undertake appropriate training in quantitative and/or qualitative research methods at the University of Southampton. Studying by distance learning is also an option. In addition, research students are invited to participate in the activities of the Centre for Research on Ageing, including research seminars and workshops, and to contribute to the Gerontology forum and writing group for postgraduate research students. An important part of a research degree is the presentation and dissemination of research results, and all students are encouraged to participate in key conferences in the area of ageing, such as the annual conference of the British Society of Gerontology. Where students do not have a research grant to cover the costs of such attendance, financial assistance may be available.

Integrated PhD

The full-time Integrated PhD Gerontology is normally completed within four years, and is made up of nine months of taught modules followed by a three-month transitional project, before you proceed to the research element of the programme for the remaining three years. The part-time version of the programme normally takes seven years to complete. If you do not possess a MSc qualification in Gerontology or related social science discipline with a significant element of research methods training, you are strongly encouraged to consider this option.

Research centres and groups

Centre for Research on Ageing
www.southampton.ac.uk/ageingcentre

ESRC Centre for Population Change
www.cpc.ac.uk

National Centre for Research Methods
www.ncrm.ac.uk

LIFE AT SOUTHAMPTON

"My name is Sien van der Plank and I'm from Wartook, Australia. I specifically chose the University of Southampton for my postgraduate degree because of its location, inspiring research environment, and breadth of disciplines.

I'm in my second year of my PhD now, and have had the time to get settled in and try out much of what the University has on offer. I have enjoyed Mexican Society events, dance shows and bell-ringing, and have even taken up Spanish classes with Lifelong Learning.

When I'm not studying, I spend time teaching English as a second language or doing environmental activism around town. I also love running in the Common and Riverside Park or cycling to the New Forest, Salisbury and beyond.

I knew this city was the place for me. No regrets."

Sien van der Plank
PhD Energy and Climate Change, second year;
Life at Southampton student blogger

Read more about Sien's PhD experiences on the Life at Southampton blog:
www.lifeatsouthampton.co.uk

Taught programmes

HEALTH SCIENCES

Choose Southampton

- Ninth in the world, third in the UK for Nursing (QS World University Rankings by Subject (Nursing) 2018)
- One of the UK's largest providers of MSc Advanced Clinical Practice programmes
- Most programmes offer step-on, step-off flexibility enabling easy transfer between PG Cert, PG Dip and MSc

Ranked 1st for impact

(latest REF, 2014)

MRes Clinical and Health Research*

Secure your passport to a clinical academic career, research management role, or further research training with our interdisciplinary MRes programme. Aimed at healthcare practitioners, it is a component of the National Institute for Health Research (NIHR) clinical academics training pathway and will equip you with the skills and knowledge to engage in all aspects of clinical, healthcare or academic research. It is ideal if you are working in a clinical research environment but don't hold a healthcare qualification, or as preparation for clinical academic doctoral fellowship applications.

Programme structure

Typical modules include: Applied Qualitative Research Methods; Applied Quantitative Research Methods; Clinical Research in Practice; Developing Research Skills; Designing and Conducting Clinical Research; Dissertation

MSc Advanced Clinical Practice

subject to revalidation (see page 175)

Develop the knowledge and skills necessary to independently assess and manage individuals presenting with multifaceted complex clinical problems across a range of settings. Our Advanced Practice Programme provides you with the opportunity to acquire advanced clinical assessment, diagnosis and therapeutic intervention skills within the four pillars of advanced practice – clinical practice, research, education and leadership. The programme is underpinned by Health Education England's *Multi-Professional Framework for Advanced Clinical Practice in England* and is taught by experts in the field. Graduates from our programme have gone on to develop exciting careers as consultant practitioners, advanced nurse practitioners, advanced critical care, emergency care and AHP practitioners, and clinical teaching fellows in advanced practice. You must be in a suitable role within your own practice setting and have the support of your employer and a medical or advanced practice clinical mentor.

Programme structure

Pathways: Advanced Nurse Practitioner; Advanced Allied Health Practitioner; Advanced Neonatal Nurse Practitioner; Advanced Critical Care Practitioner

Key facts: additional information

Entry requirements: registration with a UK health professional body; two years relevant clinical experience; concurrent employment in a suitable job role with employer agreement to undertake the programme

Duration: part time only

MSc Amputation and Prosthetic Rehabilitation*

Gain an in-depth understanding of a patient's journey from pre-amputation to prosthetic rehabilitation, exploring both the physical and psychological aspects of patient care. This holistic framework is delivered by healthcare experts whose research is at the leading edge of developments in the global field of amputation and prosthetics, and looks at the different views and perspectives of a patient, their families, carers and clinicians. The programme is aimed at multidisciplinary healthcare professionals who either already work, or would like to work, in this area.

Programme structure

Typical modules include: Amputation Rehabilitation and Prosthetic Use; Contemporary Issues in Limb Loss; Research Methods and Evidence Based Practice; Dissertation; Self Leadership; Health Promotion, Motivational Interviewing and Health Behaviour Change; Management of Adult Diabetes in Primary and Secondary Care; Leading Service Development for Quality Improvement; Strategic Management

"My experience at Southampton has been life changing. The course is taught by lecturers with a vast wealth of knowledge, experience and passion."

Colm Darby
MSc Advanced Clinical Practice (Advanced Neonatal Nurse Practitioner) 2017 and UK Neonatal Nurse of the Year 2017 for outstanding service in the neonatal community

Key facts

Unless otherwise stated

Entry Requirements: a UK bachelors degree with lower second-class honours or higher or international equivalent
www.southampton.ac.uk/pgp/entry

English Language: band 2C, IELTS 6.5 overall with a minimum of 6.0 in each component

Duration: one year (full time); two to five years (part time)

Start Date: September

Applying: University application form with transcripts, reference and personal statement

Fees:
www.southampton.ac.uk/pgp/fees

*Programmes open to international applicants

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/health

For specific enquiries:

T: +44 (0)23 8059 5500

E: health-pgt-apply@southampton.ac.uk

HEALTH SCIENCES

MSc Cancer, Palliative and End of Life Care*

subject to revalidation (see page 175)

This unique, interdisciplinary programme is the only one of its kind in the UK and is aimed at emerging and established clinical leaders working in cancer, palliative, or end of life care, who wish to develop their leadership qualities. You will enhance your ability to critically champion compassionate and informed care, to provide quality services and to create learning environments enabling staff to strive for excellence. The programme was created in partnership with local stakeholders in response to Department of Health directives and offers you the opportunity to complete an assignment that is most relevant to your workplace and personal learning needs.

Programme structure

Typical modules include: Clinical Innovation in Cancer or Palliative or End of Life Care; Research; Dissertation; a clinically oriented module, eg Independent and Supplementary Prescribing; a theory-oriented module eg Complex Care in Older People

MSc Leadership and Management in Health and Social Care*

Acquire the skills to become a health and social care leader of the future and head teams at the highest level. Our interdisciplinary programme is work-focused and concentrates on producing visionary leaders who can draw on the latest research and methodology to continuously enhance the quality of care for service users in the UK and worldwide. We will enhance your leadership, managerial, and organisational skills to enable you to inform tactics and strategy, and function as a highly competent senior leader in health and social care sectors.

Programme structure

Typical modules include: Self Leadership; Leading Others; Strategic Management; Research Methods; Dissertation; Introduction to Healthcare Informatics; Governance in Action; any other MSc module from across the University with the permission of the programme lead. In the past, students have taken such modules as Project Management; Global Health; Medical Ethics

MSc Midwifery with Advanced Standing*

(with eligibility for NMC part 2 registration as a midwife)

As a registered nurse this programme offers you the opportunity to qualify as a midwife in just two years. This shortened programme will enable you to build on the important experience you have already gained as a registered adult nurse and achieve the additional knowledge and skills required of a midwife. You will develop the capacity to provide, lead on, evaluate and enhance evidence-based maternity care and respond flexibly and effectively to the changes and technological advances in today's complex healthcare environment. As a graduate of our programme you will be in an excellent position to pursue a career that could encompass practice, management, research and academia.

Programme structure

Typical modules include: Midwifery Practice with Applied Life Sciences; Critical Inquiry; Maternity Care for Women with Complex Needs; Compassionate and Safe Care; Neonatal and Obstetric Emergencies; Maternal and Neonatal Enhanced Postpartum Care; Case-loading with Autonomous Midwifery Practice and Practice Placement modules

Key facts

Entry requirements: a UK bachelors degree with upper second-class honours or higher. Satisfactory health and police checks. Registration with NMC as an Adult Nurse.
English Language: band 5D IELTS 7.0 overall with a minimum of 7.0 in each component.
Duration: two years full time
Start date: January
Fees and funding: MSc Midwifery students should be eligible to access student loans to cover tuition fees. This aligns to the undergraduate offer already in place.
For more information visit **www.gov.uk**

MSc Neonatology*

Engage with nationally renowned senior neonatal clinical specialists and researchers while studying bespoke neonatal clinical modules as part of a global online learning community. Our programme is developed in collaboration with the European Society for Paediatric Research and its Neonatal Online Training and Education (NOTE) Faculty. You will have the opportunity to develop critical thinking skills and contemporary clinical knowledge enabling you to constructively question, and propose solutions to current and future challenges encountered in neonatal policy and practice. Modules within the programme are developed and delivered by senior neonatal clinicians and academics across Europe.

Programme structure

Typical modules include: Research Methods and Evidence Based Practice; Dissertation ; Neonatal Clinical Pharmacology; Neonatal Haemodynamics; Neonatal Neurology; Neonatal Nutrition; Neonatal Respirology

Key facts: additional information

Entry requirements: relevant clinical neonatal experience, equipped for online learning and study

MSc Occupational Therapy*

(pre-registration) subject to validation (see page 175)

Ensure your knowledge is at the forefront of current thinking by benefiting from our bespoke facilities and our research academics' latest findings and sector insights. Our accelerated masters programme is accredited by the Royal College of Occupational Therapists and the World Federation of Occupational Therapists, giving you a competitive advantage at home and abroad. You will graduate with the potential to be an insightful and creative occupational therapist and with eligibility to register and be licensed to practice as an occupational therapist with the Health and Care Professions Council (HCPC).

Programme structure

Typical modules include: Foundations and Principles of Occupational Therapy Practice; Introduction to Professional Practice; Therapeutic Process in Occupational Therapy; Applied Occupational Therapy Practice; Future Professional Practice; Complex Therapeutic Engagements; Practice Placements comprising 28 weeks to achieve the required 1,000 hours of supervised clinical practice; Critical Inquiry (Research)

Key facts

Entry requirements: a UK bachelors degree with upper second-class honours or higher or international equivalence; acceptable subjects include human biology, sociology, psychology, public health or a health-related profession. Satisfactory health and police checks
English language: band 5D, IELTS 7.0 overall with a minimum of 7.0 in each component
Duration: two years (full time)
Start date: January
Fees and funding: MSc Occupational Therapy students should be eligible to access student loans to cover tuition fees. This aligns to the undergraduate offer already in place. For more information visit **www.gov.uk**

MSc Physiotherapy*

(pre-registration)

Our accelerated pre-registration programme will enable you to qualify as a physiotherapist in just two years. You will develop a range of skills from the full scope of physiotherapy practice underpinned by the ability to think highly critically and to evaluate and apply evidence in practice. You will have exposure to world-leading researchers, complete a masters level research study (suitable for publication in an academic journal), and undertake a minimum of 1,000 hours' practice placement under the supervision of a qualified physiotherapist. On successful completion of the programme you will be able to register with the physiotherapy profession and be in the best possible position to select and progress in the physiotherapy field of your choice.

Programme structure

Typical modules include: Managing Clinical Cases; Clinical Assessment and Treatment; Integrated Clinical Cases; Managing Complex Cases; Critical Inquiry (Research); Introduction to Professional Practice; Future Professional Practice; Practice Placements

Key facts

Entry requirements: a UK bachelors degree with upper second-class honours or higher or international equivalence; acceptable subjects include human biological or behavioural science, sports science or a health-related profession. Satisfactory health and police checks
English language: band 5D, IELTS 7.0 overall with a minimum of 7.0 in each component
Duration: two years (full time)
Start date: January
Fees and funding: MSc Physiotherapy students should be eligible to access student loans to cover tuition fees. This aligns to the undergraduate offer already in place. For more information visit **www.gov.uk**

MSc Professional Practice in Health Sciences*

Build your own masters degree tailored to your ambitions and professional interests, and enhance your career, with our flexible MSc programme. Whatever your role in health or social care, our experienced team will work with you to develop a bespoke pathway to meet your current needs and future ambitions. This could include developing your skills and experiences in leadership, management or patient care, or pursuing a specific interest in a certain population group. For example, you may have a specific interest in the support of people or populations such as those with mental health needs, or the older person or the acutely ill adult, and we can support you to tailor your programme accordingly.

Programme structure

Typical modules include: Research Methods for Evidence Based Practice; Dissertation ; Deteriorating Patient; Leadership; Diabetes; Decision Making

Postgraduate Certificate in Low Intensity Cognitive Behavioural Therapy (CBT) with IAPT Psychological Wellbeing Practitioner (PWP)

You will be taught to deliver psychological interventions to those suffering with anxiety and depression. The programme is underpinned with CBT principles and blends theoretical knowledge within a stepped care work environment to ensure that skills are taught, practised and honed in an academic and clinical environment. You will consider the skills required to practise as a PWP, and take part in role play and simulated clinical situations allowing you to apply the principles in a safe environment before working with patients.

Programme structure

Typical modules include: Values, Diversity and Context (PWP route) Level 7; Evidenced Based Low Intensity CBT Treatment for Common Mental Health Disorders (PWP route) Level 7; Engagement and Assessment of Patients with Common Mental Health Problems Using Low Intensity CBT (PWP route)

Key facts: additional information

Entry requirements: working as a Psychological Wellbeing Practitioner

Related programmes

Cognitive Behaviour Therapy (CBT) courses page 154

Postgraduate Diploma in Adult Nursing /MSc Adult Nursing

(pre-registration) subject to validation (see page 175)

This intense two year postgraduate diploma provides graduates with the opportunity to develop the expertise required for contemporary nursing practice and health care. You will learn from world-leading researchers, inspiring and experienced educators, and expert practitioners.

In both theory and practice you will be supported to develop the broad range of knowledge and skills necessary to provide, evaluate, and lead excellent, compassionate nursing care for individuals, families and communities as a member of multidisciplinary teams and across a range of healthcare settings.

Postgraduate Diploma in Child Nursing/MSc Child Nursing

(pre-registration) subject to validation (see page 175)

Our two-year postgraduate diploma fully prepares graduates to deliver outstanding contemporary nursing care to neonates, children, adolescents and their families across a range of healthcare settings. Learning from world-leading researchers, inspiring and experienced educators, and expert practitioners, you will acquire the skills to build relationships in situations of health, acute illness, trauma, developmental delay and challenging outcomes. Over the two years of the programme you will rapidly transition into a practitioner who applies evidence, their values and communication skills when making complex decisions, coordinating care and advocating for the needs of children.

Postgraduate Diploma in Mental Health Nursing/MSc Mental Health Nursing

(pre-registration) subject to validation (see page 175)

Our two-year postgraduate diploma will enable you to deliver exceptional evidence-based nursing care that empowers people to live as independently as possible with their mental health needs. Learning from our world-leading researchers, inspiring and experienced educators and practitioners you will rapidly develop into a highly skilled, knowledgeable nurse, capable of supporting individuals with a wide spectrum of challenges to their mental well-being. We emphasise recognition of personal values such as empathy and compassion, and development of innovative communication and therapeutic interventions shaped by service user preferences and culture. Your theoretical learning is complemented with practical experience in clinical and community settings.

Key facts

Entry requirements: a UK bachelors degree with lower second-class honours or higher, GCSE English language and maths 4-9 or A*-C. Graduates with relevant academic and clinical experience can choose to register for a masters degree instead of the Postgraduate Diploma in Nursing. You will be required to successfully complete a Recognition of Prior Learning claim prior to entry to the programme. Satisfactory health and police checks
English language: band 5D, IELTS 7.0 overall with a minimum of 7.0 in each component
Duration: two years (full time)
Start date: February
Applying: UCAS Application
Fees and funding: Postgraduate Diploma nursing students should be eligible to access student loans to cover tuition fees. This aligns to the undergraduate offer already in place. For more information visit **www.gov.uk**

Research programmes

HEALTH SCIENCES

PhD

Help shape future knowledge and healthcare by taking a health sciences PhD at a world-class institution whose nursing provision is ranked in the global top ten.* You will be embedded in one of our leading research groups that are specialised in areas including active living and rehabilitation, complex healthcare, health work, and fundamental care and safety.

We have strong links with Wessex Partnership Trusts and an excellent track record for securing funding. Our PhD research doctorates are aimed at nurses, midwives, physiotherapists, occupational therapists, podiatrists, health scientists, psychologists and social scientists, and will help you develop the skills for high-level healthcare research. You will be supported by two expert academics with experience in your area of study, and will become part of our vibrant postgraduate community.

Research Groups

- Active Living and Rehabilitation
- Complex Healthcare Processes
- Fundamental Care and Safety
- Health Work

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

PhD with Integrated Clinical Practice

Our internationally recognised Clinical Doctoral Research Fellowship Scheme is the largest and most advanced of its kind in the UK. It is aimed at early career nurses, midwives and allied health professionals, who aspire to become clinical academic leaders of the future.

You will be embedded in a leading research group at the University's main campus or at our purpose-built clinical academic facility based at University Hospital Southampton. Your PhD research project is jointly agreed by you, the University and the relevant Trust and will address a key research priority for both organisations. During your PhD degree you will be supervised by academics who are globally renowned in their field for their leading research.

www.southampton.ac.uk/hscap

"Working, living and breathing in the very same environment where my research is happening gives me a better understanding of the experience of patients and healthcare professionals."

Laszlo Penzes
Clinical Doctoral Research Fellow, first year

Key facts

Unless otherwise stated

Entry Requirements: a UK masters degree or bachelors degree with upper second-class honours or higher or international equivalent
www.southampton.ac.uk/pgp/entry

English Language: band 2C, IELTS 6.5 overall with a minimum of 6.0 in each component
www.southampton.ac.uk/pgp/el

Duration: three to four years (full time); four to seven years (part time)

Start Date: September for main intake but other possible start dates throughout the year

Fees:
www.southampton.ac.uk/pgp/fees

For more information on continued assessment throughout your research programme see page 41

*QS World University Rankings by Subject (Nursing) 2018

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/healthr

For specific enquiries:
T: +44 (0)23 8059 5500
E: health-pgr-apply@southampton.ac.uk

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in History, or a related subject. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 7D, IELTS 7.0 overall, with a minimum of 7.0 in writing and 6.5 in reading, listening and speaking. For more information visit **www.southampton.ac.uk/pgp/el**

Duration: one year (full time); two years (part time)

Assessment: examinations, presentations, coursework, project work and research article

Start date: September

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

Closing date: 31 July

Funding: AHRC funding and University scholarships may be available

Fees: **www.southampton.ac.uk/pgp/fees**

Taught programmes

HISTORY

Choose Southampton

- Unique archival resources include the Wellington, Palmerston and Mountbatten Papers, and the Parkes Archives
- Major expertise in a wide range of research areas including: War and Empire; Cultural, Social and Religious History; Sexuality and Gender; Political and National Histories; Migration and Refugees; and Naval History

Home to a number of **world-leading** interdisciplinary **research centres**

MA History

Our MA curriculum offers you a rich variety of historical subjects and themes, across a range of chronological and geographical contexts. You will study with historians whose research expertise encompasses the diversity of historical periods and approaches, including cultural, social, political and international history. One of the distinctive features of our programme is the core module, Public History, which explores how history is communicated to a wider non-academic audience. With a flexible curriculum and wide choice, you will have the opportunity to develop your personal interest in a specific topic under the supervision of a professional historian with specialist knowledge and research experience in that field.

Programme structure

Core modules include: Research Skills and Historiography; Public History; Dissertation

Optional modules may include: Jerusalem: City and Symbol; The Medieval World; English Social and Cultural Life in the 18th Century; Slavery and the Atlantic World; War, Rebellion and Race in the Early American Republic; The Rise and Fall of the Habsburg Empire 1815–1918; Nehru's India; Imperialism and Decolonisation; The Holocaust

MA Jewish History and Culture

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 Parkes Institute for the Study of Jewish/Non-Jewish Relations.

Programme structure

Core modules include: Jewish/Non-Jewish Relations; Research Skills; Dissertation

Related courses

MA Medieval and Renaissance Culture
Page 98

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/history

For specific enquiries:
T: +44 (0)23 8059 8062
E: hums-pgt-apply@southampton.ac.uk

Research programmes

HISTORY

PhD/ PhD by Distance Learning

We can offer PhD supervision across a full chronological, geographical and thematic range due to the expertise of our 40 historians. Many of our students make use of the archival material in the Hartley Library's Special Collections, including prestigious collections of primary documents relating to the history of Britain and its Empire and the history of the modern Jewish experience. We have a very active and creative postgraduate community. You will be encouraged to participate in the culture of the department including part-time tutoring and research seminars, and to present and publish your research findings. Training in research and presentation skills is provided, and intensive supervision will help you develop your own research project.

"I chose Southampton because of its academic reputation and the opportunity to study under the supervision of a leading academic in my field. I was keen to continue my studies at an institution which I knew would provide an academic environment amenable to producing high-quality research."

Alex Ferguson
PhD History, seventh year

Research centres

- Centre for Imperial and Post-Colonial Studies
- Centre for Medieval and Renaissance Culture
- The Parkes Institute for the Study of Jewish/Non-Jewish Relations
- Southampton Centre for Eighteenth-century Studies
- Southampton Centre for Nineteenth-century Research

Research areas

- American and Atlantic history
- Ancient and medieval history
- Britain and Europe in the Middle Ages
- Early modern history
- Eighteenth-century studies
- History of the Americas and Asia
- Jewish history
- LGBT history
- Medieval and renaissance culture
- Modern British and British colonial/post-colonial history
- Modern European history

Ranked 3rd

in the UK for quality of research

(latest REF, 2014)

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher and a Master of Art at Merit* in History or a related subject (*typically between 60% and 69% in the UK). See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 7D, IELTS 7.0 overall, with a minimum of 7.0 in writing and 6.5 in reading, listening and speaking or an equivalent standard in other qualifications approved by the University

Duration: up to four years (full time); up to seven years (part time)

Assessment: progression reviews at fixed points during candidature, thesis and viva voce**

Start date: September and January

Applying: University application form with degree transcripts, two academic references and research proposal and a sample of written work

Closing date: three months prior to the start of the programme (dependent on funding body deadlines)

Funding: AHRC funding and University studentships may be available

Fees: **www.southampton.ac.uk/pgp/fees**

Note: Candidates are advised to contact prospective supervisors with the subject of their proposed research prior to application

**For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/history

For specific enquiries:
T: +44 (0)23 8059 8062
E: hums-pgr-apply@southampton.ac.uk

Taught programmes

LAW

Choose Southampton

- Join a close-knit, supportive environment and connect with staff and students in and out of the classroom
- The school offers a range of prizes and internships to top performing LLM students, offering access to the London legal market
- The programme provides an intensive one-week introduction to the common law system for students from different legal systems around the world
- The Law School is home to prestigious research centres focusing on the areas of insurance, maritime, private and commercial, health ethics and IT law

Over 8,000
of our alumni work in senior positions in over **115 countries** across the globe

LLM Master of Laws

Our LLM Master of Laws offers choice from a full range of modules, providing a flexible academic programme that can be tailored to suit your 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 programme offers you the chance to enhance your knowledge and develop your skills, preparing you to compete with the best to secure your chosen career.

To successfully complete the LLM, you will need to choose from 120 credits and work on a dissertation during the summer on a topic of your choice. The list of subjects is extensive and allows you to tailor a bespoke LLM experience by choosing and matching subjects according to your interests and future career choices.

Programme structure

Choice of LLM streams available:

- LLM
- Maritime Law
- Commercial and Corporate Law
- Information Technology and Commerce
- Insurance Law
- International Business Law
- International Law

Students are required to complete a total of 180 credits across their modules (credits are based on Credit Accumulation Transfer Scheme - CATS). The core LLM dissertation is awarded 60 credits, and students are free to choose remaining modules that total 120 credits.

Pre-sessional English Language

We offer a six-week LLM (Master of Laws) Pre-Sessional English Language Programme for international students who plan to follow the LLM programme but have not yet met the University's English language requirements. For more information please contact:

elaccess@southampton.ac.uk

Optional modules include:

30 credits: Admiralty Law; Carriage of Goods by Sea; Commercial Conflicts of Laws and International Litigation; International Commercial Arbitration; International and Comparative Competition Law; Insurance Law; Intellectual Property Law and Theory; International Law of the Sea; International Protection of Human Rights; International Trade Law

15 credits: Advanced Secured Transactions; Corporate Governance – Shareholders' Rights; Dispute Settlement in International Law; Fundamentals of Public International Law; Principles of Secured Transactions

The availability of optional modules may change. Please visit our website for full and up-to-date information.

LLM Maritime Law

Maritime Law explores the basic principles of contract, tort and property alongside the fundamentals of the shipping and commodity markets. Students on this prestigious programme are taught by internationally renowned experts working at the forefront of the development of maritime law in the UK and globally. Specialist seminars given by leading practitioners and academics are provided alongside the academic programme. The internationally acclaimed Institute of Maritime Law is an integral part of the School, and the Institute's staff make a major contribution to teaching on this programme.

Optional modules include:

30 credits: Admiralty Law; Carriage of Goods by Sea; International Law of the Sea; International Trade Law; Law of the Marine Environment; Marine Insurance

15 credits :The Law of Ship Sale and Purchase; Ship Finance

"Being taught by academics that are renowned and respected in their fields makes a difference. Teaching was practice-based and prepared me for my job. The majority of the lecturers contribute to textbooks which we, and judges, refer to on a daily basis in our professional life."

Kaan Polat
LLM Law, 2011;
Associate solicitor at Campbell Johnston Clark Limited

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in law or in a degree with substantive legal component. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry** Work experience also considered

English language: band 2D. IELTS 7.0 overall, with minimum of 6.0 in each component. For information on other accepted English language tests, please visit **www.southampton.ac.uk/pgp/el**

Duration: one year (full time); two years (part time)

Assessment: assessment will vary depending on modules selected, but will include exams and coursework as well as your dissertation

Start date: end of September

Applying: University online application form with transcripts

Deposits: students on full-time taught programmes must pay a deposit to secure their place within 32 days of accepting the University's offer (£250 for UK/EU students; £1,000 for international students) deposits can only be refunded in certain circumstances as set out in the relevant terms and conditions. Deposits are offset against tuition fees on enrolment

Closing date: 31 July but early applications are encouraged, especially for international students who need to obtain a visa

Funding: scholarships available; for up-to-date information visit **www.southampton.ac.uk/pgp/lawf**

Fees: **www.southampton.ac.uk/pgp/fees**

Find out more

To find out more or to download full course and module information visit:

www.southampton.ac.uk/pgp/lawc

For specific enquiries:

T: +44 (0)23 8059 6918

E: law-pgt-apply@southampton.ac.uk

LLM Commercial and Corporate Law

The subject matter of this LLM is challenging, interesting and relevant to the global trade environment in which we live. Students develop their powers of analysis, legal reasoning and writing skills while exploring the challenges of transactional commercial law. We have an excellent reputation and strong relationships within the profession.

Optional modules include:
30 credits: Commercial Conflicts of Laws and International Litigation; Comparative Competition Law; Corporate Governance: Regulating Boards of Directors; International Commercial Arbitration
15 credits: Corporate Governance of Boards; Corporate Governance – Shareholders' Rights; Commercial Secured Financing; Advanced Secured Transactions

LLM Information Technology and Commerce

Privacy, intellectual property, data protection, big data, information security, digital threats and cyber space are issues that are becoming increasingly challenging. This programme provides a comprehensive grounding in the legal and regulatory environment in which these technological developments are taking place. Combining the all-important aspects of commercial law with the ever-increasing impact of information technology law, you will develop an in-depth understanding of the legal response to these changes and why the law is moving in a particular area. With a sound understanding of this important area of law and a readiness to apply that knowledge commercially, you will be well-equipped to compete for careers in the corporate and business world.

Optional modules include:
30 credits: Commercial Conflicts of Law and International Litigation; Insurance Law; International Commercial Arbitration; International Law of the Sea; International Trade Law
15 credits: Corporate Governance: Regulating Boards of Directors; Corporate Governance – Shareholders' Rights; Digital Identity; Enforcement of Intellectual Property rights over the Internet; Global Trends in Copyright and Trademark Laws; Internet Intermediaries and Data Protection Law; The Law of Ship Sale and Purchase; Ship Finance

LLM Insurance Law

Insurance law is a complex and intriguing subject that is fascinating to study and offers a multitude of rewarding career prospects. Insurance Law is in the midst of an unprecedented phase of reform and redevelopment, with long-standing principles being amended by the courts and Parliament. The Law School is home to one of the UK's leading research centres in this field, contributing to industry and government initiatives on insurance fraud, flood risk and the rise of 'big data'. The LLM in Insurance Law offers the opportunity to study insurance in depth and to reflect on the interaction of insurance with aspects of personal life, business risk and international trade.

Compulsory modules include:
Insurance Law; Marine Insurance

Optional modules include: two modules to be chosen from: Insurance Law; International Commercial Arbitration; International Marine and European; Environmental (Liability) Law; International Trade Law; Marine Insurance

LLM International Business Law

The capacity to apply business law is a highly sought-after skill in today's competitive, and increasingly interdependent, legal world. Our programme will provide you with an opportunity to expand your knowledge of business law, develop your analytical, evaluative and research skills, and ultimately maximise your career opportunities.

Optional modules include:
30 credits: Commercial Conflicts of Laws and International Litigation; Insurance Law; International Commercial Arbitration; International Trade Law
15 credits: Advanced Secured Transactions; Corporate Governance of Boards; Corporate Governance – Shareholders' Rights; Global Trends in Copyright and Trademark Laws; Ship Finance

LLM International Law

International law is no longer simply a matter for diplomats and international organisations, but is impacting increasingly on the lives of ordinary citizens. Organisations now have to consider the wider issues of international law, whether in the context of international human rights and conflict resolution, the environment, or in a business and commercial setting. This programme offers an excellent professional development opportunity for those working in, or wishing to move into, specialist areas such as international aid and development, international relations and international security.

Optional modules include:
30 credits: Commercial Conflicts of Laws and International Litigation; Insurance Law; International Commercial Arbitration; International Trade Law
15 credits: Advanced Secured Transactions; Corporate Governance of Boards; Corporate Governance – Shareholders' Rights; Global Trends in Copyright and Trademark Laws; Ship Finance

Research programmes

LAW

PhD

Southampton Law School's PhD programme offers an excellent opportunity to undertake independent research, providing you with a sure foundation and a clear pathway towards making a significant contribution to the development of knowledge in your chosen field. Here, you will cultivate the skills to equip you to communicate your findings through presentation and publication to a wide variety of audiences. Throughout, you will be supported and encouraged by specialists across a range of fields. Many of our former students now pursue successful careers in academia or in private practice, others work for national governments or within international organisations. Southampton Law School is diverse, dynamic and distinctive. On average, we host up to 50 full-time postgraduate research students from around the world. We welcome proposals for postgraduate research in any relevant field of legal study for which the School can offer expert supervision, including areas connected to our research centres. Please check our website for available postgraduate research studentships and graduate teaching assistantships.

Research Centres

- Centre for Law, Policy and Society
- Centre for Private and Commercial Law
- Health Ethics and Law
- Institute for Law and the Web
- Institute of Maritime Law
- Insurance Law Research Group

"The Law School has a warm and supportive atmosphere and a vibrant research community led by enthusiastic and experienced staff. Southampton is an ideal place to do a PhD. The University has so much to offer, great research and academics and so much support so you never feel alone."

Jing Ren
PhD, Incorporation of Arbitration Clauses into Bills of Lading, first year

Key facts

Unless otherwise stated

Entry requirements: A UK bachelors degree with first-class or upper second-class Honours in Law or a relevant subject. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2D, IELTS 7.0 overall, with minimum of 6.0 in each component. For information on other accepted English language tests, please visit **www.southampton.ac.uk/pgp/el**

Duration: up to four years (full time), seven years (part time)

Assessment: annual report, thesis and viva voce exam*

Start date: February and October

Applying: University online application form with transcripts, academic references, research proposal, and interview

Funding: studentships advertised on the Law School website

Fees:
www.southampton.ac.uk/lawpgr

*For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/lawc

For specific enquiries:
T: +44 (0)23 8059 2562
E: law-pgr-apply@southampton.ac.uk

Taught programmes

MATHEMATICAL SCIENCES

Choose Southampton

- 100 per cent of our research has been rated world leading or internationally excellent for its impact on society and the research environment we provide (latest REF, 2014)
- Strong links with recruiters across a range of industries
- Large international cohort

World top 100
for Statistics and Operational Research
(QS World Rankings, 2018)

MSc/PG Dip Actuarial Science

This programme provides an intensive, professional-level, specialist education in actuarial science. If you perform well in the instructional component (PG Dip) you can gain exemptions from Subjects CT1-CT8 of the professional examinations of the Institute and Faculty of Actuaries, which are internationally recognised. Following the instructional component, you can progress to the MSc by successfully completing a three-month supervised project and dissertation/report component.

Programme structure

Compulsory modules include:
Project and dissertation/report (MSc only); Probability and Mathematical Statistics; Financial Mathematics; Actuarial Mathematics I; Survival Models; Economics; Stochastic Processes; Mathematical Finance; Actuarial Mathematics II; Statistical Methods in Insurance; Accounting and Finance for Actuarial Science

MSc Data and Decision Analytics

This programme equips you with the ideal skill sets in mathematical modelling, statistical analysis, and computation to help make better decisions based on data. This will prepare you to pursue a wide variety of career opportunities in commercial companies or the public sector. The summer project is a highlight, with the option to bid for an external project. This work brings you into early contact with senior management and can offer opportunities for rapid career advancement.

Programme structure

Compulsory modules include:
Deterministic OR Methods for Data Scientists; Stochastic OR Methods for Data Scientists; Statistical Theory for Data Scientists; Statistical Computing for Data Scientists; Introduction to Python; Presenting Reports; Applied Statistical Modeling; Dissertation as three-month project
Optional modules include: Analytical Consultancy Skills; Multivariate Statistics for Data Mining; Forecasting; Financial Portfolio Theory; Survival Analysis; Bayesian Methods; Data Analytics; Data Visualisation

MSc Operational Research

Many prestigious organisations recruit our students because of the strong vocational training on this programme. You should be numerate, a good communicator with strong interpersonal skills, and enjoy problem solving. The summer project is a highlight and the majority involve working with an external organisation, with typical project sponsors including companies, charities and public services.

Programme structure

Compulsory modules include:
Deterministic Operational Research (OR) Methods; Presenting Reports; Analytical Consultancy Skills; Problem Structuring; Data Analytics; Statistical Methods; Stochastic OR Methods; Introduction to Python; Dissertation as three-month project
Optional modules include: Credit Scoring and Data Mining; Financial Portfolio Theory; Forecasting; Game Theory in Business; Healthcare Modelling; Nonlinear Optimisation; Project Management; Revenue Management

Dedicated spaces for group work in the Maths Student Centre

MSc Operational Research and Finance

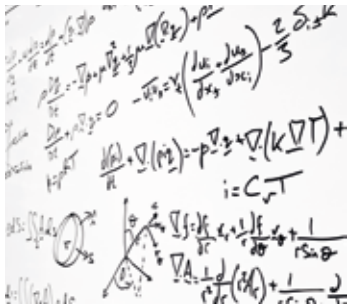
This programme offers a firm grounding in operational research and finance in preparation for careers in financial institutions. You'll develop understanding of how operational research, statistical and optimisation techniques are applied to practical problems and gain many key workplace skills. The summer project is a highlight and the majority involve working with an external organisation, with typical project sponsors including companies, charities and public services.

Programme structure

Compulsory modules include:
Corporate Finance; Data Analytics; Deterministic Operational Research (OR) Methods; Presenting Reports; Statistical Methods; Stochastic OR Methods; Introduction to Python; Dissertation as three-month project
Optional modules include: Credit Scoring and Data Mining; Financial Portfolio Theory; Financial Risk Management; Forecasting; Game Theory in Business; Nonlinear Optimisation; Data Visualisation; Analytical Consultancy Skills

"With Southampton having a high reputation as well as having one of the best Operational Research teams in the country, there was no reason for me to even apply to other universities. What I enjoy most about my course is the time we get to work on real-life problems."

Emily Loizidou
BSc Mathematics, 2017;
MSc Operational Research and Finance



Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in a relevant discipline which must include some quantitative training. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2C, IELTS 6.5 overall, with a minimum of 6.0 in all components. For more information visit **www.southampton.ac.uk/pgp/el**

Duration: PG Dip: nine months (full time); two years (part time); MSc: one year (full time); 27 months (part time)

Assessment: examinations, coursework and dissertation

Start date: September

Applying: University application form with transcripts and two references

Closing date: none, but any scholarships may not be available later in the application year

Funding: scholarships may be available **www.southampton.ac.uk/pgp/mathf**

Fees: **www.southampton.ac.uk/pgp/fees**

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/math

For specific enquiries:
T: +44 (0)23 8059 7342
E: maths-pgt-apply@southampton.ac.uk

MATHEMATICAL SCIENCES

MSc Operational Research and Statistics

This programme is an ideal opportunity to get equipped with the analytical, statistical and soft skills necessary for success in industry, business or in the public sector. From day one you will find yourself working on solutions to complex organisational challenges using mathematical modelling, experimental design, statistical analysis, and numerical computation. Opportunities for summer projects in a wide range of industries are an integral part of the programme.

Programme structure

Compulsory modules include: Deterministic Operational Research (OR) Methods; Stochastic OR Methods; Statistical Theory and Linear Models; Statistical Computing; Presenting Reports
Optional modules include: Introduction to Python; Spreadsheet and Database Modelling; Forecasting; Computer Analysis of Data and Models; Nonlinear Optimisation; Analytical Consultancy Skills; Revenue Management; Computer Intensive Statistical Methods; Generalised Linear Models; Topics in Statistics; Bayesian Methods; Design of Experiments; Clinical Trials; Survival Analysis

MSc Statistics

This programme, led by statisticians from across the University, provides a broad grounding in advanced statistical methods, with an emphasis on practical problems arising in the context of collecting and analysing scientific data from a variety of fields.

Programme structure

Compulsory modules include: Statistical Theory; Statistical Computing; Design of Experiments; Generalised Linear Models; Bayesian Methods; Survival Analysis; Research Skills; Statistics Seminars; Dissertation as three-month project
Optional modules include: Topics in Statistics (research-led); Modelling Hierarchical (Multilevel and Longitudinal) Data; Computer-intensive Statistical Methods; Multivariate Analysis; Survey Methods; Statistical Genetics

MSc Statistics with Applications in Medicine

This advanced programme in applied statistics, led by statisticians from across the University and the MRC Lifecourse Epidemiology Unit, 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.

Programme structure

Compulsory modules include: Clinical Trials; Epidemiological Methods; Survival Analysis; Statistical Theory; Statistical Computing; Design of Experiments; Generalised Linear Models; Research Skills; Statistics Seminars; Dissertation as three-month project
Optional modules include: Statistical Genetics; Bayesian Methods; Modelling Hierarchical (Multilevel and Longitudinal) Data; Computer-intensive Statistical Methods; Multivariate Analysis

Key facts: additional information

Funding: Several fully-funded (fees and stipend) scholarships are available for this programme, provided by the National Institute for Health Research (NIHR)

The Maths Student Centre: designed exclusively for maths students to study and socialise

Related courses

MSc Applied Statistics page 159
MSc Social Research Methods with Applied Statistics page 159
MSc Data Analytics for Government page 158
MSc Official Statistics page 159

Research programmes

MATHEMATICAL SCIENCES

PhD and Integrated PhD (iPhD)

We are internationally renowned for our excellent network of collaborations and strengths spanning the full breadth of pure and applied mathematics, operational research and statistics. Primarily, but not exclusively, in the first years of your PhD or iPhD, you'll strengthen your background with research-level courses, building a foundation for your future research.

Supervisors who are international experts in their field provide further in-depth training, supported by participation in research seminars and discussion, and a conference attendance allowance is available. Our postgraduates are highly sought after by other universities, businesses, NGOs and governments worldwide.

Programme structure:

You'll have access to all modules available at the University, specialised, in-house postgraduate courses and three national postgraduate training networks in applied and pure mathematics (MAGIC), operational research (NATCOR) and statistics (APTS), as well as a skills training programme consistent with the Vitae Researcher Development Statement.

Key facts: additional information

Assessment: progression from the taught phase to the research phase by taught courses and research project. For PhD and research phase of iPhD, progression by: annual reports, confirmation, interim thesis, thesis and viva voce**
Applying: candidates with BSc/BA will normally enrol on iPhD; candidates with MMath/MSc may enrol on PhD

Research groups

Applied Mathematics and Theoretical Physics
Operational Research (OR)
Pure Mathematics
Statistics

www.southampton.ac.uk/maths/research/groups

Key facts

Unless otherwise stated

Entry requirements: PhD: a UK bachelors degree with upper second-class honours and normally a Master of Science at Merit* or higher in a relevant subject, plus satisfactory performance at interview (*typically between 60% and 69% in the UK). iPhD: a UK bachelors degree with upper second-class honours in a relevant subject, plus satisfactory performance at interview. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 2C, IELTS 6.5 overall, with a minimum of 6.0 in all components
For more information visit
www.southampton.ac.uk/pgp/el

Duration: PhD: up to four years (full time) and up to seven years (part time); iPhD: up to five years (full time); up to nine years (part time)

Start date: September (iPhD and PhD); sometimes possible throughout the year (PhD only)

Applying: University application form with transcripts, research proposal, CV and two references

Closing date: none, but funding decisions for applicants will be made from mid-March

Funding
www.southampton.ac.uk/pgp/mathf

Fees:
www.southampton.ac.uk/pgp/fees

**For more information on continued assessment throughout your research programme see page 41

"It's amazing to be working in such a large and active research group; the variety of work that goes on is huge, and it provides a great opportunity to get advice and feedback from people working in so many different areas."

Ruth Walton
PhD Mathematical Sciences (Operational Research), second year

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/math
For specific enquiries:
T: +44 (0)23 8059 7385
E: maths-pgr-apply@southampton.ac.uk

Taught programmes

MEDICINE

Choose Southampton

- Medicine is in the top 100 global ranking for the third year running (QS World Subject Rankings, 2018)
- Our strong partnership with the local NHS will enhance your career by delivering the latest clinical teaching and translational research
- World-renowned academics with outstanding reputations for combined expertise in research and teaching

Research and teaching at one of the **country's leading teaching hospitals** and/or the University's purpose-built, multi-million pound Life Sciences building

MSc Allergy

Our flexible programme will ensure you are ready to meet the global challenge of the rise in the number of people suffering from allergic diseases. As a World Allergy Organisation Centre of Excellence, we will give you a greater understanding of allergic diseases and how to provide better treatment for both adult and paediatric patients by translating your knowledge into your everyday practice. You will be based at one of the country's leading teaching hospitals.

Programme structure

Compulsory modules include: Foundations of Allergic Disease; Clinical Research Skills; Dissertation
Optional modules include: Food Allergy; Eczema, Urticaria and Anaphylaxis; Allergic Airways Disease; Teaching the Teachers to Teach; Work-based Learning

"Southampton turned me into a world-leading dietitian in the field of allergic diseases."

Carina Venter
PGDip in Allergy, 2003; PhD in Allergy and Immunology, 2007; Assistant Professor at University of Colorado, USA

MSc Diabetes Best Practice

Leading expertise from our internationally renowned staff will equip you with the skills and knowledge to meet the significant increase in the number of people with diabetes. Our flexible programme will enable you to support adults and young people more effectively by improving your healthcare provision and developing your skills in the diagnosis, treatment, psychology and management of diabetes. We are aligned to Diabetes UK, Paediatric Best Practice Tariff and World Health Organization recommendations, and have a strong teaching partnership with our NHS colleagues.

Programme structure

Compulsory modules include: Foundations of Diabetes; Clinical Research Skills; Dissertation
Optional modules include: Diabetes in the Young; Psychosocial Aspects of Diabetes through the Ages; Assessment of Nutritional Status; Modern Management of Diabetes, Nutrition and Pharmacology; Management of Diabetes in Primary and Secondary Care (Adult); Work-based Learning in Diabetes; Teaching the Teachers to Teach

MSc Genomic Medicine

Genomic technologies and information are transforming practice across the clinical professions and our flexible programme will ensure you are at the forefront of this rapidly evolving field. You will gain a comprehensive perspective on genomes applied to clinical practice and medical research, with a particular emphasis on the national 100,000 Genomes Project. The MSc explores the genomics and informatics of rare and common diseases, cancer and infectious diseases and is suitable for health professionals or students seeking to apply genomics to their current or future study.

Programme structure

Compulsory modules include: Introduction to Human Genetics and Genomics; Omic Techniques and their Application to Genomic Medicine; Genomics of Common and Rare Inherited Diseases; Molecular Pathology of Cancer and Application in Cancer Diagnosis, Screening, and Treatment; Pharmacogenomics and Stratified Healthcare; Application of Genomics in Infectious Disease; Bioinformatics, Interpretation, and Data Quality Assurance in Genome Analysis; Dissertation
Optional modules include: Ethical, Legal and Social Issues in Applied Genomics; Counselling Skills for Genomics; Health Economics; Advanced Bioinformatics; Workplace-based Learning; Clinical Research Skills; Teaching the Teachers to Teach

"The MSc equipped me with the skills I needed to successfully gain employment and flourish in roles with a local authority public health team, then delivering the Diabetes Prevention Programme in Hampshire, and now community involvement work."

Rachael Brown
MSc Public Health (Nutrition), 2015; Patient and Community Engagement Facilitator, Solent NHS Trust, Academy of Research and Improvement

MSc Public Health

Our challenging programme will prepare you for a rewarding career improving the health of individuals and communities. You will gain essential skills in all aspects of public health and can choose from optional pathways in nutrition, intelligence (information), global health and management. You will be taught by expert staff from across the University to develop your essential skills and professional practice. Our programme is accredited by the International Union for Health Promotion and Education, and the UK Association for Nutrition.

Programme structure

Compulsory modules include: Epidemiology; Enabling Change for Health Improvement; Development and Implementation of Policies and Strategies; Qualitative Methods in Health; Statistics; Dissertation
Pathway modules include:
Public health programme: Communicable Disease Control; Core skills in Geographical Information Systems (GIS); Critical Issues in Global Health; Concepts and Case Studies; Demographic Methods; Food Systems; Health Policy and Economics; Health Care Organisation and Evaluation; Population, Poverty and Policy; Population and Reproductive Health; Public Health, Law and Ethics; Understanding Population Change
Nutrition pathway: Assessment of Nutritional Status; Food Systems; Nutrition in Emergencies; Population, Poverty and Policy; Understanding Population Change
Intelligence pathway: Core skills in Geographical Information Systems (GIS); GIS for Analysis of Health
Global Health pathway: Critical Issues in Global Health; Concepts and Case Studies; Demographic Methods 1; Methods and Analysis of Global Health Trends and Differentials; Communicable Disease Control; Health Policy and Economics; Population, Poverty and Policy; Population and Reproductive Health; Understanding Population Change
Management pathway: Health Policy and Economics; Health Service Organisation and Evaluation; Risk Taking and Decision Making; Systems Thinking

Related course

Pre-masters Programme in Medicine Page 43

Key facts

Unless otherwise stated

Entry requirements: a relevant UK bachelors degree with second-class honours, or relevant professional qualification, postqualifying professional experience, or intercalation from a medical degree. International equivalent qualifications are available at **www.southampton.ac.uk/pgp/entry** Applicants who do not meet current entry requirements may be able to join our Pre-masters Programme. See page 43

English language: Allergy, Diabetes and Genomic Medicine: band 1D; IELTS 7.0 overall, with a minimum of 5.5 in each component. Public Health: band 4D; IELTS 7.0 overall, with a minimum of 6.5 in writing and 6.0 in listening, reading and speaking. For more information visit **www.southampton.ac.uk/pgp/el**

Assessment: may include written assignments, oral presentations, exams, multiple choice question exams, interdisciplinary group work, reciprocal peer teaching, debates and clinically relevant translational assessments; dissertations can either be traditional research or a professional project

Duration: one year (full time), two to five years (part time). Also available as a PG Dip and PG Cert. Single modules are available

Start date: September/October

Applying: University online application form with transcripts and personal statement.

Closing date: four weeks before programme starts

Funding: scholarships and bursaries are available for some of our programmes. Visit **www.southampton.ac.uk/pgp/med** for programme-specific details

Fees: **www.southampton.ac.uk/pgp/fees**

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/med

For specific enquiries:
T: +44 (0)23 8059 4408
E: fmed-pgt-apply@southampton.ac.uk

MEDICINE

Research programmes

MEDICINE

PhD

As one of the UK's leading centres for biomedical research we offer a wide range of full- and part-time PhD opportunities in both basic and clinical specialist science areas. Our programmes will enable you to develop your career in scientific or clinical research, including biomedicine, research in clinical environments, and population-based statistical sciences. You will be based at one of the country's leading teaching hospitals, where you will carry out your laboratory research using modern facilities, or undertake community-based projects in a variety of settings including general practice, hospitals, community and outpatient clinics, and patients' homes. You will be supervised by a team of academics who are experts in your field of study.

Your academic work will be supplemented by comprehensive training in research skills, statistics, critical appraisal and laboratory techniques. You will receive training in transferable skills such as communication, presentation skills and academic writing.

Key facts: additional information

Start date: usually October and February; however, students can start throughout the year
Assessment: annual progression reviews, confirmation and final thesis with viva voce*
Applying: contact your prospective supervisor to discuss your application before applying

Integrated PhD Biomedical Sciences

Join the next generation of leaders in biomedical research with our four-year integrated programme that reflects some of Southampton's major research strengths. You will benefit from Southampton's strong reputation in research, enterprise and education, and its emphasis on translating new discoveries into clinical innovation. You will study high-quality, clinically relevant science that will enable you to develop the skills for a career in academia, health, pharma, informatics, science policy or related sectors. You will be based at one of the country's leading teaching hospitals and will combine research focused on your individual needs, with broad training in the intellectual and practical basis of scientific research.

Programme structure

After successful completion of your first year you will receive an intermediate award of a Masters in Research. In years two to four you will undertake a PhD research project
Pathways: The Cell Biology and Immunology of Cancer; Immunity and Infection
Compulsory modules include: Research Skills for Biomedical Sciences; Quantitative Cell Biology; a specialist module in your pathway discipline; three short research projects

Transferable skills include: training in research presentation incorporating live talks, key messaging for poster design and manuscript preparation

Key facts: additional information

Duration: four years full time (first year MRes; years two–four PhD research project)
Assessment: year one: reports, assignments and presentations; years two to four: annual progression reviews, confirmation and final thesis with viva voce*
Start date: October

Research themes

Cancer sciences	Immunology
Clinical ethics and law	Infection
Clinical neuroscience	Medical education
Developmental origins of health and disease (DOHaD)	Nutrition, metabolism, endocrinology and cardiovascular
Genomics, epigenetics and bioinformatics	Population health
Human development, stem cells and regeneration	Primary care
	Respiratory, allergy and critical care

Doctor of Medicine (DM)

Our part-time Doctor of Medicine (DM) programme is available to students who have a clinical background and already hold a medical qualification recognised by the UK General Medical Council (GMC). You will undertake a part-time research project while employed in a local hospital or institution. Your project may be in a clinical, laboratory or community setting, and will usually have a strong translational focus. You will be supervised by a team of academic experts in your field and will have access to all of the training provided to our PhD students. As a DM student, you may choose to transfer to a PhD programme, subject to satisfactory progress.

Key facts: additional information

Entry requirements: medical qualification recognised by the GMC; you must be employed in appropriate scientific or clinical work associated with Medicine at Southampton
Duration: two to four years (part time)
Start date: throughout the year
Assessment: annual progression reviews, confirmation and final thesis with viva voce*

> "Southampton has a great track record in world-class postgraduate medical research and I have not been disappointed. I have gained many valuable skills that will undoubtedly help me in my future career."
>
> **Jonathan James**
> MRes in Stem Cells, Development and Regenerative Medicine, 2017; PhD, Infection, Inflammation and Immunity, first year

MRes in Stem Cells, Development and Regenerative Medicine

Our MRes offers you an exciting opportunity to develop the advanced scientific skills required to become an independent researcher. The programme is organised by the Centre for Human Development, Stem Cells and Regeneration (CHDSCR), which carries out fundamental research into early development and stem cells, together with applied translational research targeting the NHS and patient benefit. You will develop a broad range of laboratory skills and experience of working in different research environments, and will be supervised by internationally recognised academic researchers. As well as providing you with broader training in scientific research, you will also develop transferable skills enhancing your employability.

Programme structure

During the programme you will undertake bespoke taught modules and two research projects
Compulsory modules include: Research Skills for Biomedical Sciences; Stem Cells, Development and Regenerative Medicine; Advanced Scientific Skills

Key facts: additional information

Duration: one year (full time)
Assessment: oral and poster presentations, written assignments
Applying: University online application form and degree transcripts; references; selected applicants will be interviewed
Funding: scholarships available
Fees: tuition fee and bench fee
www.southampton.ac.uk/stemcells
Start date: October

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree in a relevant subject with upper second-class honours or an equivalent standard in other qualifications approved by the University. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2D; IELTS 7.0 overall, with a minimum of 6.0 in each language component. For more information visit **www.southampton.ac.uk/pgp/el**

Duration: up to four years (full time) and up to seven years (part time). See individual programmes for details

Start date: usually October, but possible throughout the year for PhD and DM

Applying: University online application form, degree transcripts, references and interview

Closing date: none, but studentship deadlines may vary

Funding: studentships may be available for some projects via UK Research and Innovation, University and industrial partner funding. Visit **www.southampton.ac.uk/medicine/pgrstudentships** for details of funded projects. We also welcome self-funded applicants

Fees: **www.southampton.ac.uk/pgp/fees**

*For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/medr
For specific enquiries:
T: +44 (0)23 8120 6685
E: fmed-pgr-apply@southampton.ac.uk

MEDICINE

Taught programmes

MODERN LANGUAGES AND LINGUISTICS

Choose Southampton

- Three cutting-edge, internationally-recognised research centres led by teams of international scholars
- A unique Centre (Mexsu) for Mexico-Southampton collaboration
- Interdisciplinary postgraduate training in quantitative language methodologies, ethnography, critical thinking and language testing

Ranked 5th in the UK

for the quality and intensity of our research
(latest REF, 2014)

MA Applied Linguistics for Language Teaching

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 include: Description of Language; Language in Society or Second Language Learning; Research and Enquiry in Applied Linguistics; Research Skills
Plus dissertation
Optional modules include: Assessment of Language Proficiency; Discourse Analysis; Principles of Communicative Language Teaching; Autonomy and Individualisation in Language Learning; Writing and Written Language; English as a World Language; Language Ideologies in a Globalising World
Plus dissertation

Key facts: additional information

Entry requirements: a UK bachelors degree with upper second-class honours or higher in English, linguistics, modern languages or a related subject, including two years' professional experience in a related field. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

An **innovative e-learning** language environment

MA Applied Linguistics Research Methodology

This programme provides thorough training in research methodology if you are 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 include: Description of Language; Research Design and Practice; Research and Enquiry in Applied Linguistics; Qualitative Methods; Quantitative Methods; Second Language Learning or Language in Society
Optional modules include: Discourse Analysis; Critical Appraisal of Language Teaching Methodologies; English as a World Language; Intercultural Communication; Language Ideologies in a Globalising World
Plus dissertation

MA English Language Teaching

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/TESOL and to gain the skills required to challenge current professional practice and undertake a range of leadership roles.

Programme structure

Core modules include: Critical Appraisal of Language Teaching Methodologies; Current Issues in Language Teaching Methodologies; Description of Language; Research Skills
Plus dissertation
Optional modules include: Assessment of Language Proficiency; Discourse Analysis; Principles of Communicative Language Teaching; Autonomy and Individualisation in Language Learning; Writing and Written Language; English as a World Language; Language Ideologies in a Globalising World;
Plus dissertation

Key facts: additional information

Entry requirements: a UK bachelors degree with upper second-class honours or higher in English, linguistics, modern languages or a related subject, including two years' professional experience in a related field. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

"I work as a freelance documentary photographer, writer and filmmaker. My work is people-centred, with a focus on inequality and empowerment. I've shot for NGOs like Save the Children, Tearfund and Christian Aid in Brazil, India, and South Sudan. During my course I got to study the work of photographers I now count as major influences on my career, such as Sebastião Salgado."

Tom Price
BA Spanish and Portuguese, 2009;
MA Transnational Studies, 2010;
Freelance documentary photographer, writer and filmmaker

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in English, linguistics, modern languages or a related subject.
See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2C IELTS 6.5 overall, with a minimum of 6.0 in all components or equivalent standard in other qualifications approved by the University

Duration: one year (full time); two years (part time)

Start date: September

Applying: University application with degree transcripts and two academic references

Closing date: 1 September

Funding: University scholarships may be available

Fees:
www.southampton.ac.uk/pgp/fees

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/ml

For specific enquiries:

T: +44 (0)23 8059 8062

E: mll-pgt-apply@southampton.ac.uk

MODERN LANGUAGES AND LINGUISTICS

MA English Language Teaching (online)

This part-time, five-semester programme studied entirely online has been developed by the University of Southampton in collaboration with the British Council. It provides postgraduate-level study in important areas of current theory and practice in applied linguistics and language teaching and a focused route for English language teaching professionals who wish to develop advanced knowledge and skills in English language curriculum, pedagogy and assessment. Students who successfully complete the first four modules will be eligible for the PG Cert English Language Teaching (online). You can expect a weekly commitment of 10 to 12 hours of online study, chatroom seminars and online forums, supported by 10 hours of private study.

Programme structure

Semester one: Principles of Communicative Language Teaching; Language Analysis for Teaching
Semester two: Critical Appraisal of Language Teaching Methodologies; E-learning for English Language Teaching
Semester three: English as a World Language; Discourse Analysis
Semester four: Second Language Learning; Research Skills (dissertation)
Plus dissertation

Key facts: additional information

Entry requirements: a UK bachelors degree with upper second-class honours or higher in English, linguistics, modern languages or a related subject, including two years' professional experience in a related field. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**
Duration: taught components studied over two years (four semesters); dissertation written during semester five
Assessment: coursework projects and assignments
Start date: September and January
Applying: University online application
Closing date: eight weeks prior to the start of the programme

MA ELT/TESOL Studies

This programme provides a focused route to develop your understanding of the theory and practice of English language/TESOL teaching in order to start your career as an English language professional and gain the skills required to develop your professional practice.

Programme structure

Core modules include: Principles of Communicative Language Teaching; Developing Approaches to Language Teaching; Research Skills
Plus dissertation
Optional modules include: Assessment of Language Proficiency; Autonomy and Individualisation in Language Learning; Discourse Analysis; English as a World Language; Language in Society; Research and Enquiry in Applied Linguistics; Second Language Learning; Teaching English to Young Learners
Plus dissertation

MA Global Englishes

This programme provides you with the opportunity to explore and understand the ways in which English is used and taught on a global scale. It addresses key issues in global Englishes, including English as a lingua franca, the role of English in education globally, particularly in higher education, language policy and practice, intercultural communication and intercultural pragmatics.

Programme structure

Core modules include: English as a World Language; Intercultural Communication; Research and Enquiry in Applied Linguistics; Research Skills (dissertation)
Optional modules include: Assessment of Language Proficiency; Autonomy and Individualisation in Language Learning; Current Issues in Language Teaching Methodologies; Critical Appraisal of Language Teaching Methodologies; Discourse Analysis; Language Teacher Education; Principles of Communicative Language Teaching, Writing and Written Language; Language Ideologies in a Globalising World; English as Medium of Instruction in Global Education
Plus dissertation

MA Transnational Studies

As national frameworks are increasingly 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 on a wide range of geographical locations. Our interdisciplinary approach combines specialist teaching from across the humanities and social sciences.

Programme structure

Core modules: Research Skills; dissertation
Compulsory modules include: Understanding Transnational Studies: Key Concepts; Memory in National and Transnational Contexts; Cultural Flows; Transnational Movement in the Age of Globalisation
Plus dissertation

Research programmes

MODERN LANGUAGES AND LINGUISTICS

Integrated PhD Applied Linguistics (English Language Teaching)

This PhD integrates structured coursework in applied linguistics and English language teaching and research skills training with the production of an original research thesis. This programme can also be studied full or part time at distance.

Programme structure

Year one

Core modules: Description of Language; Qualitative Methods 1; Quantitative Methods 1; Research Design; Research and Enquiry in Applied Linguistics; Second Language Learning or Language in Society; PhD proposal

Year two

In addition to two further taught modules, you will complete an advanced skills portfolio, comprising a range of research and professional skills development activities

Years two to five

Original research thesis

Key facts: additional information

Entry requirements: a UK bachelors degree with upper second class-honours or higher in English, linguistics, modern languages or a related subject
Duration: up to five years (full time)
Assessment: coursework; PhD proposal; advanced skills portfolio; progression reviews at fixed points during candidature thesis and viva voce**
Start date: September

PhD

This programme is suitable for students who already have an appropriate UK masters or equivalent qualification. It is a thesis-only route which has no taught courses. The PhD route is available in all areas of modern languages research, including applied linguistics, global Englishes and transnational studies.

PhD by Distance Learning

Students who cannot relocate may study full or part time at a distance, with attendance at Southampton at key points in the programme.

Research groups

- Centre for Global Englishes (CGE)
- Centre for Languages, Linguistics and Area Studies (LLAS)
- Centre for Linguistics, Language Education and Acquisition Research (CLLEAR)
- Centre for Mexico-Southampton Collaboration (MEXSU)
- Centre for Transnational Studies (TNS)
- The Parkes Institute for Jewish/Non-Jewish Relations

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher and a Master of Art at Merit* in English, linguistics, modern languages or a related subject (*typically between 60% and 69% in the UK).
See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2C IELTS 6.5 overall, with a minimum of 6.0 in all components or an equivalent standard in other qualifications approved by the University

Duration: up to four years (full time); up to seven years (part time)

Start date: September and January

Applying: University application form with degree transcripts, two academic references and research proposal

Closing date: three months prior to the start of the programme (dependent on funding body deadlines)

Funding: AHRC, ESRC South Coast DTP and University studentships may be available

Fees:
www.southampton.ac.uk/pgp/fees

**For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/ml
For specific enquiries:
T: +44 (0)23 8059 8062
E: mll-pgr-apply@southampton.ac.uk

MODERN LANGUAGES AND LINGUISTICS

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in Music or a related subject. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: **Musicology and Composition:** band 7D, IELTS 7.0 overall, with a minimum of 7.0 writing and 6.5 in reading, listening and speaking
Performance: band 6C, IELTS 6.5 overall, with a minimum of 6.5 in reading and writing and 6.0 in listening and speaking

Duration: one year (full time); two years (part time)

Assessment: essays, recitals, composition portfolios and dissertation

Start date: September

Applying: University application form with degree transcripts and two academic references plus sample of written work/compositions/recorded performance (depending on pathway)

Closing date: 1 September

Funding: University scholarships may be available

Fees:
www.southampton.ac.uk/pgp/fees

Taught programmes

MUSIC

Choose Southampton

- Regular visits by world-leading scholars (Hartley Residencies in music)
- International partners include Complutense University Madrid, Royal Conservatory Ghent, University of Melbourne, and National Chiao Tung University Taiwan

Ranked
1st in the UK
for quality of research
(latest REF, 2014)

MMus Music (Performance, Composition, Musicology)

This research-intensive programme offers a comprehensive range of options and features three pathways – Musicology (including critical theory, history and analysis), Composition, and Performance – leading to a final project, which may be a dissertation, recital or portfolio. Each pathway offers skills training, orientation modules and individually taught work. The MMus is normally the next step after either a BA or BMus in music.

Programme structure

Composition

Compulsory modules include:
Analytical Techniques; Composition Portfolio; Composition Seminar

Musicology

Compulsory modules include:
Analytical Techniques; Critical Practice in Musicology; Research Skills 1 and 2; dissertation

Performance

Compulsory modules include:
Elements of Musical Performance; Performance Teaching Seminar; Professional Recitals 1 and 2

For performers or musicologists wanting to study music from before 1800 in a broad cultural context, we offer the MA Medieval and Renaissance Culture and the MA Eighteenth Century Studies.

Related courses

MA Medieval and Renaissance Culture Page 98

"The course allowed me the freedom to explore my own interests and develop my compositional voice, coupled with an emphasis on employable compositional skills. I will always remember my masters year as key to reaching the stage that I am at now."

Joe Manghan
MMus 2015; PhD, third year

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/mus

For specific enquiries:
T: +44 (0)23 8059 80 62
E: hums-pgt-apply@southampton.ac.uk

Research programmes

MUSIC

PhD/ PhD by Distance Learning

We offer excellent research facilities and expert supervision in a wide variety of subjects. Staff expertise is among the broadest in the country, ranging from medieval music to the 21st century. We have specialists in areas including historical musicology, theory and analysis, music technology, opera studies, cultural policy, music in popular culture, ethnomusicology, and music and gender. Another major focus is the study and practice of performance, where you may submit recital or other performance work as part of your thesis. Composition is another particular strength, and we offer supervision in a variety of idioms (classical, jazz, pop music for film and theatre).

Note: candidates are advised to contact prospective supervisors with the subject of their proposed research prior to application

Research groups

- Centre for Medieval and Renaissance Culture (CMRC)
- Composition and Music Technology Group
- Music Performance Research Group
- Musicology and Ethnomusicology
- Southampton Centre for Eighteenth Century Studies (SCECS)

"I regularly draw upon my experiences as a PhD candidate at Southampton in my new postdoctoral position in Canada. The international connections I established while at Southampton continue to be particularly valuable for my research."

Austin Glatthorn
PhD Musicology, 2015;
Postdoctoral Research Fellow,
Fountain School of Performing Arts

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher and normally a Master of Art at Merit* or higher in Music or a related subject. (*typically between 60% and 69% in the UK) See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 7D, IELTS 7.0 overall, with a minimum of 7.0 writing and 6.5 in reading, listening and speaking or equivalent standard in other qualifications approved by the University

Duration: up to four years (full time); up to seven years (part time)

Assessment: progression reviews at fixed points during candidature, thesis, portfolio, compositions, performances (dependent on pathway)**

Start date: September and January

Applying: University application form with degree transcripts, two academic references, research proposal and sample of written work (including sample of recorded solo or accompanied performance for Performance PhD)

Closing date: three months prior to the start of the programme (dependent on funding body deadlines)

Funding: AHRC funding and University studentships may be available

Fees:
www.southampton.ac.uk/pgp/fees

**For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/mus

For specific enquiries:
T: +44 (0)23 8059 80 62
E: hums-pgr-apply@southampton.ac.uk

Taught programmes

OCEAN AND EARTH SCIENCE

Choose Southampton

- We are ranked the leading marine science department in the UK (latest REF, 2014)
- Work alongside researchers and academics who are having a globally significant impact
- The National Oceanography Centre Southampton (NOCS) is home to NERC's* UK research vessel fleet and offers world-class seagoing opportunities

*Natural Environment Research Council

Our Graduate School is a centre for excellence with over **200 PhD students** and **100 masters students**

MSc Oceanography

Our degree is designed primarily for students with no previous specialisation in marine science. Our programme provides a foundation in interdisciplinary marine science with the opportunity to specialise in particular pathways:

- Marine Biology and Ecology
- Physical Oceanography and Climate Dynamics
- Marine Biogeochemistry
- Marine Geology and Geophysics

Graduates often pursue careers in the marine environmental sector or undertake PhD research in marine sciences.

Programme structure

Introduction to Biological Oceanography; Introduction to Physical Oceanography; Introduction to Chemical Oceanography; Introduction to Marine Geology; Deep-sea Ecology; Climate Dynamics; Biogeochemical Cycles in the Earth System; Applied and Marine Geophysics. You will be given experience of boat-based practical work and undertake independent research projects with marine scientists at the National Oceanography Centre Southampton (NOCS). For a full list of modules, please see the course page on our website.

MSc Engineering in the Coastal Environment

Skilled graduates who can understand environmental issues from an engineering perspective are in high demand. Designed with your future career in mind, and with extensive input from industry, this course will enable you to acquire knowledge of environmental coastal engineering, develop key skills such as the use of numerical models and geographic information system, understand the design of coastal structures, and enable you to apply this knowledge to address real problems in the coastal zone.

Programme structure

Coastal and Maritime Engineering and Energy; Coastal Morphodynamics; Coastal Sediment Dynamics; Coastal Flood Defence; Modelling Coastal Processes; GIS for Engineers; River, Coasts and Fisheries Restoration; Introduction to Coasts. For a full list of modules, please see the course page on our website.

MSc Marine Environment and Resources

This MSc is a joint two-year European programme that provides the opportunity to study at the Universities of Southampton, Bilbao, Bordeaux and Liege, and will develop your ability to make a difference in marine environmental resource management. You will spend a full semester at three of the four universities listed and will study in English. This experience of mobility, with emphasis on environment and resources, will empower you in the pan-European job and research market.

All applications must be made at **www.merconsortium.eu** and all enquiries should go through **mer@merconsortium.eu**

Programme structure

Introduction to Biological Oceanography; Introduction to Physical Oceanography; Introduction to Chemical Oceanography; Introduction to Marine Geology; Large Scale Ocean Processes; Biogeochemical Cycles in the Earth System; International Maritime and Environmental Law; Introductory Remote Sensing of the Ocean. For a full list of modules, please see the course page on our website.

Key facts: additional information

Duration: two years full time

"I will have the opportunity to join a research cruise for my MSc project. Three weeks on board the RRS James Cook! That is definitely not an everyday opportunity."

America Zelada Leo
MSc Oceanography

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher. See international equivalent qualifications. **www.southampton.ac.uk/pgp/entry**

English language: band 2D IELTS 7.0 overall, with a minimum of 6.0 in all components or an equivalent standard in other qualifications approved by the University

Duration: full time or part time if applicable

Assessment: examination, coursework assignments and dissertation/research project

Start date: September

Applying: University application form with transcripts, references and CV

Closing date: 31 July

Fees: **www.southampton.ac.uk/pgp/fees**

Find out more

To find out more or download full course and module information visit:

www.southampton.ac.uk/pgp/oes

For specific enquiries:

T: +44 (0)23 8059 5899

E: soes-pgt-apply@southampton.ac.uk

OCEAN AND EARTH SCIENCE

Research programmes

OCEAN AND EARTH SCIENCE

PhD

The National Oceanography Centre Southampton (NOCS) attracts prominent research scientists and educators from around the world. The combination of direct access to ships and ocean technology and a strong research emphasis provides many opportunities for fieldwork and scientific cruises not traditionally found in university environments.

We offer postgraduate training at PhD and MRes level in a dynamic, cutting-edge research environment. We recruit about 40 new PhD students each year into the Graduate School of NOCS, to train the next generation of principal investigators, policy advisors and leaders of industry. You will carry out research of the highest quality, leading to publications in top journals. We are a large, international, scientifically diverse and genuinely interdisciplinary community, with backgrounds in biology, chemistry, computer science, Earth science, engineering, environmental sciences, geography, geology, geophysics, mathematics, meteorology, natural sciences, oceanography and physics.

Key facts: additional information

Closing date: January for most NERC or NOCS-funded studentships; short listed applicants interviewed February to April; later applications accepted for projects with other funding and applicants who are self-funding
Funding: NERC and other sources (highly competitive; full funding only available to UK/EU candidates)

INSPIRE Doctoral Training Programme

subject to funding

INSPIRE (the Interdisciplinary Southampton Partnership for Investigators Researching the Environment) is creating an innovative multidisciplinary experience for the effective training of future leaders in environmental science, engineering, technology development, business and policy. You will be registered at the University of Southampton and will undertake your PhD research at the University or one of the hosting partner organisations. Unique features of INSPIRE include opportunities for placements at a range of prestigious research organisations or industrial and policy partners.

Research groups

- Geochemistry
- Geology and Geophysics
- Marine Biogeochemistry
- Marine Biology and Ecology
- Palaeoceanography and Palaeoclimate
- Physical Oceanography

MRes Marine Geology and Geophysics

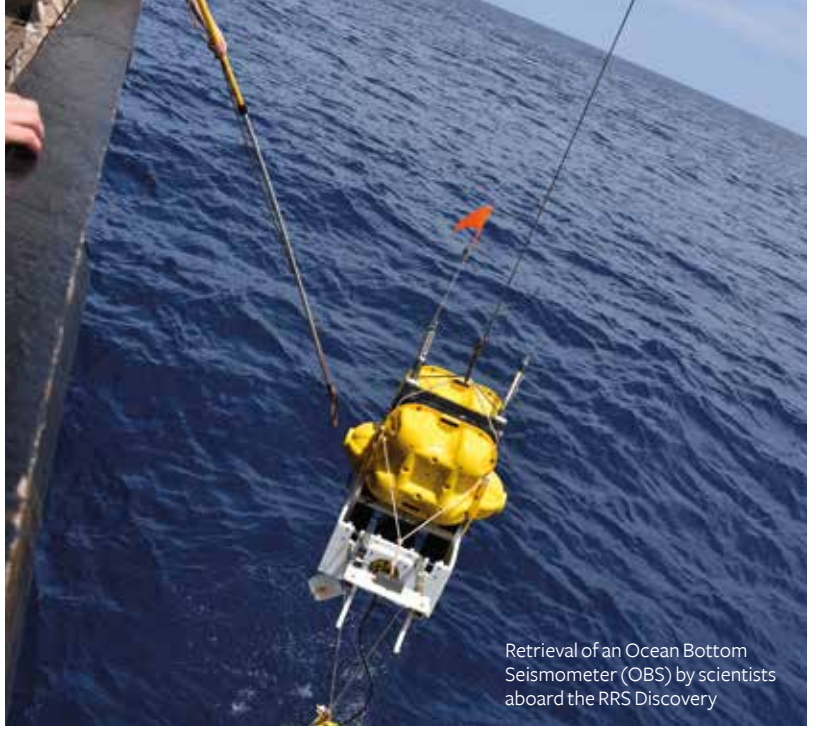
Our programme will provide you with broad knowledge of marine geological and geophysical techniques, and advanced training in marine geophysical exploration techniques, mathematical modelling, geodynamics, coastal processes, micropalaeontology or palaeoceanographic expertise. You will gain hands-on research experience through an advanced project with leading international researchers. The MRes focuses less on taught modules and more on the research project (about two-thirds of the year).

Programme structure

Applied and Marine Geophysics; Microfossils, Environment and Time; Geodynamics and Solid Earth Geophysics; Seafloor Exploration and Surveying 2; Global Climate Cycles; Modelling Coastal Processes; Basin Analysis; MRes Research Project. For a full list of modules, please see the course page on our website.

Key facts: additional information

Duration: one year (full time); two to five years (part time)
Entry Requirements: second-class degree in any scientific discipline; minimum AS level mathematics or equivalent standard in other qualification approved by the University
Assessment: examination, coursework assignments, project presentation and dissertation



Retrieval of an Ocean Bottom Seismometer (OBS) by scientists aboard the RRS Discovery

MRes Ocean Science

Our programme provides the opportunity to conduct research alongside world-class academics in marine science. Our course will allow you to focus on a particular area of oceanography (which may be influenced by the subject area of your first degree) to develop your knowledge and skills in areas determined by the modules you select and the nature of the research you undertake. There are pathways for students with strong or more limited oceanography backgrounds. The MRes is a research-led programme that differs from the MSc in focusing less on taught modules and more on the research project (about two-thirds of the year).

Programme structure

Global Climate Cycles; Large Scale Ocean Processes; Deep Sea Ecology; Ecological Modelling; Seafloor Exploration and Surveying; Introductory Remote Sensing of the Ocean; Biogeochemical Cycles in the Earth System; Introduction to Physical Oceanography. For a full list of modules, please see the course page on our website.

Key facts: additional information

Entry requirements: first-or upper second-class degree in any scientific discipline; students without AS-level (or an equivalent standard in other qualifications) mathematics may need to undertake additional individual study for some parts of the course depending on their option choices, but will be advised individually at the start of the degree
Duration: one year (full time); up to five years (part time)
Funding: some partially funded studentships available
Assessment: examination, coursework assignments; project presentation and dissertation

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in biological sciences, (biological sciences, including marine biology, chemistry, engineering, environmental sciences, geography, geology, geophysics, mathematics, natural sciences, oceanography, physics) or closely related discipline. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 1C IELTS 6.5 overall, with a minimum of 5.5 in all components or an equivalent standard in other qualifications approved by the University

Duration: full time or part time if applicable

Assessment: examination, coursework assignments and dissertation/research project. For PhD; thesis and viva voce*

Start date: late September

Applying: University application form with transcripts; references; CV; personal statement

Fees: **www.southampton.ac.uk/pgp/fees**

* For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:

www.southampton.ac.uk/pgp/oes

For specific enquiries:

T: +44 (0)23 8059 4785

E: PhD: soes-pgr-apply@southampton.ac.uk

T: +44 (0)23 8059 5899

E: MRes: soes-pgt-apply@southampton.ac.uk

OCEAN AND EARTH SCIENCE

Key facts

Unless otherwise stated

Entry requirements: a UK upper second-class honours degree or higher in a related subject such as physics, electronics, engineering, materials science or mathematics. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2c, IELTS 6.5 overall, with a minimum of 6.0 in all components. For more information visit **www.southampton.ac.uk/pgp/el**

Duration: one year (full time)

Assessment: coursework, examinations and project

Start date: September

Applying: University application form with transcript and references

Closing date: none, but early application advised

Fees: **www.southampton.ac.uk/pgp/fees**

Taught programmes

OPTOELECTRONICS RESEARCH CENTRE (ORC)

Choose Southampton

- Awarded a Queen's Anniversary Prize in recognition of our world-leading expertise in photonics and fibre optics
- A world-leading institute for photonics research, achieving £15m of grant income annually
- Largest, state-of-the-art cleanroom complex in Europe
- Our world-changing inventions navigate airlines, cut steel, manufacture life-saving medical devices and power the Internet
- Fibres invented and made in Southampton are on the Moon, Mars and the International Space Station

MSc Optical Fibre and Photonic Engineering

On our MSc Optical Fibre and Photonic Engineering programme, you will work alongside some of the world's leading specialists in optical fibres and photonics, and spend time conducting novel research in our state-of-the-art facilities. You will cover the fundamental concepts of optical fibres and photonics, and their application in real-world engineering settings. Through our specialist modules you can explore optical telecommunications, optical fibre sensors, active fibre devices such as fibre lasers and amplifiers, silicon photonics, and non-linear applications of optical fibres.

Programme structure

Compulsory modules include: Optical Fibres; Lasers; Photonics Laboratory; Advanced Fibre Telecommunications; Optical Fibre Sensors; Advanced Lasers; MSc Research Project and Dissertation

Optional modules include: Bio/Micro/Nano Systems; Light and Matter; Microfabrication; Microsensor Technologies; Nanoscience; Signal Processing; Silicon Photonics; Wireless and Mobile Networks

Over 97%

of research assessed as world leading and internationally excellent (latest REF, 2014)

Find out more

To find out more or download full course and module information visit:

www.southampton.ac.uk/pgp/orc

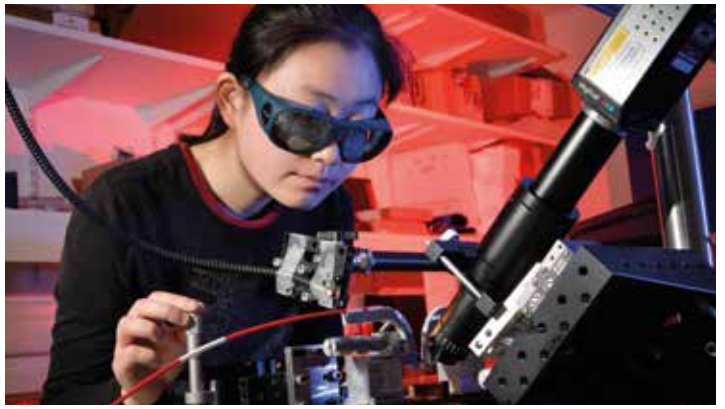
For specific enquiries:

T: +44 (0)23 8059 2630

E: zepler-pgt-apply@southampton.ac.uk

Research programmes

OPTOELECTRONICS RESEARCH CENTRE (ORC)



PhD

Photonics is changing the world in extraordinary ways. From powering the internet, navigating airliners, correcting vision and monitoring the environment, photonics is at the heart of many exciting world technologies.

Working alongside our leading photonics scientists, you will conduct novel research in our state-of-the-art facilities, while also attending international conferences and writing journal papers. We will equip you with the knowledge, skills and networking opportunities to open up exciting career possibilities in communications, technology, healthcare, manufacturing, transport, defence, energy management and many other fields.

Research themes

- Biophotonic Microsystems
- Fundamental Photonics
- Light Generation and Manipulation
- Optical Fibres
- Optical Materials
- Optical Networks and Systems

"Light has supported life on Earth for billions of years. I believe that by researching photonics and applying it in more advanced ways, we can improve life and the environment."

Yun Wang
MSc Photonic Technologies, 2014;
PhD Optical Fibre Sensors, third year

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in a relevant subject. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 1b, IELTS 6.0 overall, with a minimum of 5.5 in all components For more information visit **www.southampton.ac.uk/englang**

Duration: up to four years (full time); three to seven years (part time)

Assessment: annual reports, viva voce and thesis examination*

Start date: October (but other dates are possible)

Applying: **www.southampton.ac.uk/pgp/orc/apply**

Closing date: no closing date. International candidates should apply promptly in order to source home-country scholarships if available

Funding: scholarships available: **www.southampton.ac.uk/pgp/orcf**

Fees: **www.southampton.ac.uk/pgp/fees**

*For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:

www.southampton.ac.uk/pgp/orcr

For specific enquiries:

T: +44 (0)23 8059 4959

E: zepler-pgr-apply@southampton.ac.uk

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in philosophy, or a related subject. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 7D, IELTS 7.0 overall, with a minimum of 7.0 in writing and 6.5 in reading, listening and speaking or an equivalent standard in other qualifications approved by the University

Duration: one year (full time); two years (part time)

Assessment: essays, commentaries, presentations and 20,000-word dissertation

Start date: September

Applying: University application with degree transcripts, two academic references and two samples of written work

Closing date: 1 September

Funding: AHRC funding and University scholarships may be available

Fees: **www.southampton.ac.uk/pgp/fees**

Taught programmes

PHILOSOPHY

Choose Southampton

- Home to the Southampton Ethics Centre
- Established international reputation in the history of philosophy, especially in 19th-century German philosophy; analytic aesthetics; ethics and normativity; and Wittgenstein
- Explore one topic in depth in a dissertation

4th in the UK

for producing research which was world leading or internationally excellent (latest REF, 2014)

MA Philosophy

Combining a thorough grounding in philosophy at postgraduate level with an exceptional range of options, the MA Philosophy offers a unique opportunity for advanced work in the subject. Whether you are simply intending to build on your undergraduate studies or planning to pursue advanced research, this programme has been designed to meet your needs. The range of specialised modules reflects the broad spectrum of research interests represented by our philosophers. Following core modules devoted to central philosophical issues, you can choose from the wide range of specialised modules listed below, as well as write a dissertation on a topic of your choosing. This MA meets AHRC requirements to progress to MPhil/PhD research.

Programme structure

Compulsory modules include:
Mind, Knowledge, and Reality; Philosophy of Value; Research Skills; Individual Research Topic I; Individual Research Topic II

Optional modules (indicative):
Kierkegaard; Wittgenstein; Fiction and Fictionalism; Schopenhauer; Philosophy of Music; Other Minds; Paradoxes; Nietzsche; Heidegger; Philosophy of Mathematics; Philosophy of Sex; Ethics of Belief; Happiness and Wellbeing; Scepticism

Plus dissertation

Note: modules can be taken in other Humanities subjects

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/phil

For specific enquiries:
T: +44 (0)23 8059 8062
E: hums-pgt-apply@southampton.ac.uk

"Doing my MA at Southampton was the best decision I could have made. I have always had a keen interest in aesthetics, and have worked with some of the best academics in the field. I feel so privileged to work on research with philosophers who share my passion."

Maria Mjaaland Sele
MA Philosophy, 2013 ; PhD, fourth year

Research programmes

PHILOSOPHY

PhD/ PhD by Distance Learning

The PhD gives you the opportunity to pursue a substantial, independent research project supervised by one of the leading lights in the field. With a graduate community of around 30 students, you will be part of an exciting and vibrant research culture. In addition to one-to-one supervisions, you will have the opportunity to present your work at the weekly postgraduate research seminar, led by a member of the Philosophy department. You will also benefit from other exciting events, such as visiting speaker seminars, workshops, conferences and masterclasses.

In recent years we have held grants on a variety of topics, most notably an over €1.2 million ERC grant on the metaphysics of persons, pregnancy and motherhood, as well as grants on repeatable artworks, Nietzsche, the nature of normativity, and more. We have hosted numerous major conferences, such as the British Society for Ethical theory annual conference, the British Postgraduate Philosophical Association annual conference, and the British Society for Aesthetics graduate conference. Students are encouraged to take part in the wider research community of the department.


Kristen Jeffs

"Although I am not resident in Southampton, the flexibility of the Philosophy programme has enabled me to contribute to the vibrant research community, and gain valuable teaching experience. The breadth and quality of the Wittgenstein scholarship, combined with generous support, has made Southampton the ideal place to commit to a philosophical research project."

Kristen Jeffs
PhD, final year

Research areas

- Analytic aesthetics and the history of aesthetics
- Epistemology
- Ethics
- History of philosophy
- Language logic and metaphysics
- Wittgenstein and early analytic philosophy

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher and a Master of Art at Merit* in Philosophy, or a related subject (*typically between 60% and 69% in the UK). See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 7D, IELTS 7.0 overall, with a minimum of 7.0 in writing and 6.5 in reading, listening and speaking or an equivalent standard in other qualifications approved by the University

Duration: up to four years (full time); up to seven years (part time)

Assessment: Progression Reviews at fixed points during candidature, thesis and viva voce**

Start date: September and January

Applying: University application with degree transcripts, two academic references, research proposal and two samples of written work

Closing date: three months prior to the start of the programme (dependent on funding body deadlines)

Funding: AHRC funding and University studentships may be available

Fees: **www.southampton.ac.uk/pgp/fees**

Note: candidates are advised to contact prospective supervisors with the subject of their proposed research prior to application

**For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/phil

For specific enquiries:
T: +44 (0)23 8059 8062
E: hums-pgr-apply@southampton.ac.uk

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher or a Master of Science in physics or a Master of Physics. See equivalent international qualifications
www.southampton.ac.uk/pgp/entry

English language: band 1b, IELTS 6.0 overall with a minimum of 5.5 in each component. For more information visit
www.southampton.ac.uk/pgp/el

Duration: typically three to four years (full time)

Assessment: annual report, thesis and viva voce *

Start date: September

Closing date: none, but early application advised

Funding: EPSRC, e-Science Initiative, NERC, HEFCE, industrial studentships, Horizon 2020, Leverhulme Trust, NExT Institute, University of Southampton scholarships, STFC, Wolfson Foundation

Fees:
www.southampton.ac.uk/pgp/fees

100%
of our research has been rated world leading or internationally excellent **for its impact on society**
(latest REF, 2014)

*For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/phys

For specific enquiries:
T: +44 (0)23 8059 4959
E: pa-pgr-apply@southampton.ac.uk

Research programmes

PHYSICS AND ASTRONOMY

PhD

Channel your curiosity and explore the wonders of our universe. You'll be joining a department which is ranked in the top five for research output among the Russell Group universities. In addition, 94 per cent of our research was rated world leading or internationally excellent in the most recent Research Excellence Framework (2014).

Supervised by expert academics, you'll join of one of our friendly research groups and become part of a rich and vibrant intellectual community. The facilities you'll have access to are state of the art, including a £120m Cleanroom Complex and Nanofabrication facility, one of the world's most powerful supercomputers and a rooftop observatory.

Programme structure

Most of your time will be spent on research, but you'll also have lectures and seminars. There will be opportunities to attend short courses or summer schools too, such as Institute of Physics workshops and Nato Advanced Study Institutes.

"I would definitely recommend Physics and Astronomy at Southampton as a great place to study. The staff are experienced, the research is internationally recognised, and they have a wealth of connections with other universities and organisations."

Declan Millar
PhD Particle Physics, final year

Research groups

- Astronomy
- Quantum, Light and Matter
- Southampton High-Energy Physics
- The Southampton Theory, Astrophysics and Gravitation Institute
- Space Environment Physics

SHARING YOUR PASSION

"The University has a strong public engagement community which has led me to develop great relationships and explore the possibilities of science communication. Communicating my research alongside my PhD has really enhanced my postgraduate experience; I frequently give public talks and have demonstrated at the Royal Society's Summer Science Exhibition and London Science Museum. I also use Instagram and YouTube; I want to show people that science is for everyone."

Emma Osborne
PhD Mathematics, third year

Taught programmes

POLITICS AND INTERNATIONAL RELATIONS

Choose Southampton

- Top five in the UK for research outputs (latest REF, 2014)
- Centre for Citizenship, Globalization and Governance (C2G2) holds events with eminent speakers and facilitates award-winning projects
- Innovative learning and teaching through problem-based activities and workshops
- Opportunities for interdisciplinary collaborative research across social sciences
- Over 50 years' experience teaching politics and international relations

Over 50 years' experience
teaching politics and international relations

MSc Governance and Policy

This programme examines processes of governance and policymaking at a variety of levels, from local to global, exploring the practice of modern governance, the nature of public policy design and delivery, and the challenges of solving major policy problems and dilemmas. You can explore these issues in a cross-disciplinary way, making use of insights from across politics, international relations and the social sciences more broadly.

Programme structure

Compulsory modules include:
Governance and Policy; Philosophy of Social Science Research; Research Design and Practice
Optional modules include: four from a wide range in Politics and International Relations and Social Sciences
Plus dissertation

MSc Governance and Policy (Research)

This ESRC-recognised programme enables you to study processes of governance and policymaking while receiving rigorous and extensive training in social science research methods. Successful ESRC-funded students will be eligible for a further three years' funding for PhD research.

Programme structure

Compulsory modules include:
Governance and Policy; Philosophy of Social Science Research; Research Design and Practice; Qualitative Methods I; Quantitative Methods I; plus two from Qualitative Methods II, Quantitative Methods II or Survey Methods
Optional modules include: two from a wide range in Politics and International Relations and Social Sciences
Plus dissertation

MSc International Politics

This programme is designed to develop your understanding of issues such as globalisation, international relations and global governance. It explores theoretical perspectives in international relations, challenges in global politics, and how we might usefully analyse contemporary developments in terms of the changing balance of global power and the challenges of global coordination.

Programme structure

Compulsory modules include:
International Relations Theories; Philosophy of Social Science Research; Research Design and Practice
Optional modules include: four from a wide range in Politics and International Relations; one from Social Sciences
Plus dissertation

MSc International Politics (Research)

This ESRC-recognised programme provides an opportunity to investigate current debates about the changing nature of global politics while receiving rigorous and extensive training in social science research methods. Successful ESRC-funded students will be eligible for a further three years' funding for PhD research.

Programme structure

Compulsory modules include:
International Relations Theories; Philosophy of Social Science Research; Research Design and Practice; Qualitative Methods I; Quantitative Methods I; plus two from Qualitative Methods II, Quantitative Methods II or Survey Methods
Optional modules include: two from a wide range in Politics and International Relations and Social Sciences
Plus dissertation

"The academic flexibility, the detailed and constructive feedback from lecturers, the library resources and the variety of social activities have been of the highest quality. The most exciting part for me has been the chance to work with leading academics in the field; their guidance, support and friendly attitude have been invaluable."

Viktor Valgarðsson
PG Dip/MSc Governance and Policy, 2015; PhD, third year

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 3D, Overall 7.0 with minimum of 6.5 in each component **Master of Public Administration (Practice):** band 2C, IELTS 6.5 overall, with a minimum of 6.0 in all components.

Duration: one year (full time), Masters of Public Administration (Practice) (MPA) 20 months

Assessment: coursework and/or examination

Start date: September

Applying: University application form with transcripts and two references

Closing date: 31 July, early applications are encouraged. Applications after this date may be considered

Funding:
University funding may be available **www.southampton.ac.uk/pgp/polf** and from the South Coast Doctoral Training Partnership **www.southcoastdtp.ac.uk**

Additional costs: printing, photocopying, fieldwork

Note: optional modules run according to staff availability and student uptake

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/pol
For specific enquiries:
T: +44 (0)23 8059 5395
E: pair-pgt-apply@southampton.ac.uk

POLITICS AND INTERNATIONAL RELATIONS

MSc International Security and Risk

This programme combines security studies, cyber security and risk analysis to reflect a global political environment that demands new thinking.
This multidisciplinary approach incorporates both the skills and the dimensions of understanding that are necessary for navigating the radically changed political landscape of the 21st century. Historical, social, scientific, technological, and military factors are placed on an equal footing in order to grapple with contemporary problems and challenges. Using advanced research on risk analysis and decision making, you will be able to apply your skills and knowledge to address global security issues and the complex situations policy makers address every day.

Programme structure

Compulsory modules include:
Contemporary Security Challenges; Security Theory; Foundations of Cyber Security; Principles of Risk Management
Optional modules include: four from a wide range in Politics and International Relations and Social Sciences
Plus dissertation

Master of Public Administration (MPA)

The Master of Public Administration provides you with the knowledge and skills to analyse and manage processes of governance, policy-making, and administration at many levels of government. You will choose from a variety of modules that allow you to explore the many dimensions of modern policy-making and administration and the mechanics of public policy design and implementation. You can also learn about the strategies that public and non-profit organisations use to respond to major policy problems and dilemmas, and the social effects of policy choices. You will receive training in research design and will undertake individual, original research as part of your dissertation.

Programme structure

Compulsory modules include:
Comparative Public Administration; Research Design and Practice
Optional modules include: four from a wide range in Politics and International Relations and Social Sciences

Master of Public Administration (Practice) (MPA)

The Master of Public Administration provides you with the knowledge and skills to analyse and manage processes of governance, policy-making, and administration at many levels of government. You will choose among a variety of modules that allow you to explore the many dimensions of modern policy-making and administration, and the mechanics of public policy design and implementation. You can also learn about the strategies that public and non-profit organisations use to respond to major policy problems and dilemmas, and the social effects of policy choices. You will receive training in research design and will undertake a placement at a public sector or non-profit agency or organisation. The programme, including placement, lasts 20 months.

Programme structure

Compulsory modules include:
Comparative Public Administration; Research Design and Placement in Public Administration.
Optional modules include: four from a wide range in Politics and International Relations and Social Sciences
Plus dissertation

"The lecturers here are very passionate and knowledgeable on the courses they teach. There is also a very good support system. The biggest highlight of my studies so far is being able to immerse myself with the study culture in the UK and meeting and making new friends."

Sofia Ahmad Shahir
MSc Governance and Policy

Research programmes

POLITICS AND INTERNATIONAL RELATIONS

PhD

We offer PhD programmes in many areas of political science, political theory and international relations in a highly stimulating and supportive environment. Topics range 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.

You will work with a supervisory team of at least two academic members of staff 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.

Our academics' groundbreaking research projects impact on national and international politics and policy processes and the latest (2014) Research Excellence Framework ranked us fifth in the UK for research output.

"The supervisors are very approachable, their support is invaluable. I've also really enjoyed the training in research methods."

Nick Or
PhD in Politics and International Relations, third year

Research themes

- Citizenship, justice and democracy
- Governance and public policy
- Globalisation, development and inequality
- Institutions risk and security
- Migration and the politics of membership

Research centres

Centre for Citizenship, Globilization and Governance
www.southampton.ac.uk/C2G2

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours and a Master of Science at Merit* or higher in a relevant subject (*typically between 60% and 69% in the UK) plus satisfactory performance at interview. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 3D, Overall 7.0 with minimum of 6.5 in each component

Duration: three to four years (full time); up to seven years (part time)

Assessment: annual reports, confirmation, thesis and viva voce**

Start date: September, though start dates throughout the year also considered

Applying: University application form with transcripts, two references and research proposal

Closing date: none, but early application advised

Funding:
University funding may be available **www.southampton.ac.uk/pgp/polf** and from the South Coast Doctoral Training Partnership **www.southcoastdtp.ac.uk**

Fees:
www.southampton.ac.uk/pgp/fees

Additional costs: printing, photocopying, fieldwork

**For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/pol

For specific enquiries:
T: +44 (0)23 8059 2882
E: pair-pgr-apply@southampton.ac.uk

Taught programmes

PSYCHOLOGY

Choose Southampton

- 100 per cent of our research is rated world leading or internationally excellent for its societal impact and for our research environment (latest REF, 2014)
- Home to world-leading research into vision and cognition, mental health, self and identity and health psychology

Research seminars delivered by distinguished visitors and guest speakers

MSc Foundations of Clinical Psychology

The MSc Foundations of Clinical Psychology is recognised as a Continuing Professional Development (CPD) programme by the British Psychology Society (BPS) and aims to provide students with a broad understanding of the empirical and theoretical foundations of clinical psychology and the role of the clinical psychologist in a European and international context. The programme focuses on the application of clinical psychology cross-culturally. It will serve as an academic stepping-stone to a PhD in psychology and will supplement your experience when applying for doctoral programmes in clinical psychology.

Programme structure

Core modules: Applied Research Methods; Fundamentals of Clinical Psychology; Fundamentals of Therapeutic Skills; CBT for Anxiety and Depression; Leadership and Management
Plus dissertation

Key facts: additional information

Entry Requirements: a UK bachelors degree with upper second-class honours or higher in Psychology, or other subjects in conjunction with an approved BPS conversion course, with strong statistics content. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**
Assessment: essays, formulations, role-play assessment write-up of experiential learning task, presentations, qualitative and quantitative data analysis

MSc Health Psychology

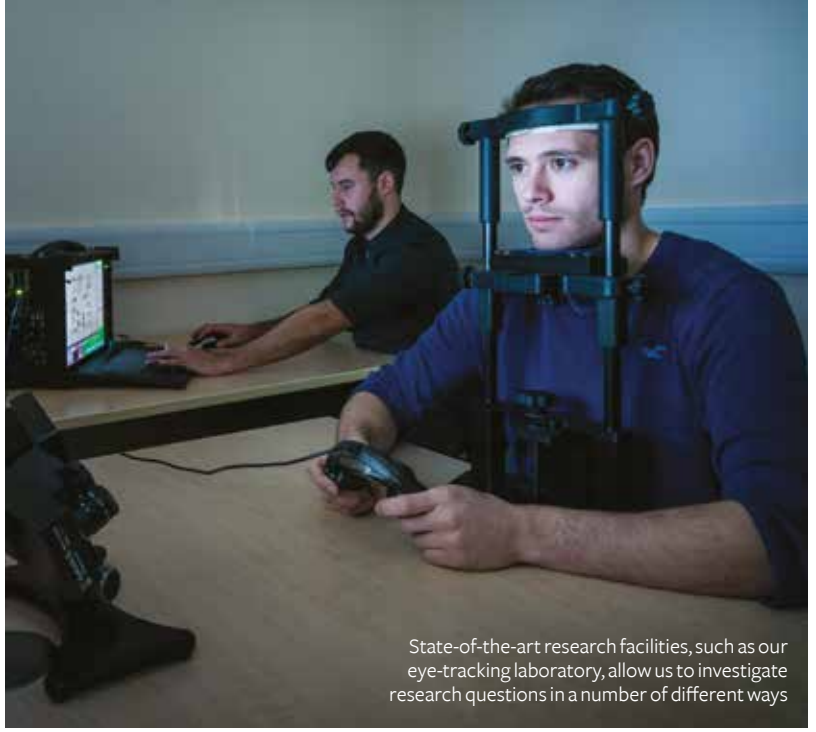
This BPS-accredited programme is designed for graduates who wish to undertake an in-depth study of the application of psychological knowledge and theory to health issues. We provide a thorough grounding in health psychology and its application to real-world health problems. Successful completion of an accredited MSc is the essential first step towards further training to becoming a registered and chartered health psychologist. It is possible to take individual modules as freestanding continuing education programmes.

Programme structure

Core modules: Psychology and the Delivery of Healthcare; Biopsychosocial Aspects of Health; Psychosocial Aspects of Illness and Disability; Applied Research Methods
Optional modules include: you may choose from a list of modules, including Introduction to CBT; Current and Emerging Issues in Psycho-oncology and Pain Research; Apprenticeship in Health Psychology
Plus dissertation

Key facts: additional information

Entry requirements: a UK bachelors degree with upper second-class honours or higher in Psychology, with strong statistics content, including SPSS. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**
Duration: one year (full time); 27 months (part time)
Assessment: behaviour change diary and essay, mini-systematic review, research proposal, qualitative and quantitative data analysis, and examinations



State-of-the-art research facilities, such as our eye-tracking laboratory, allow us to investigate research questions in a number of different ways

MSc Research Methods in Psychology

This programme will equip and motivate you to undertake high-quality research in psychology, providing advanced training and structured support. You will be encouraged to apply newly acquired concepts, methods and skills to address research questions relevant to your particular area of interest. You will become fully immersed in active psychology research programmes, gaining practical, hands-on experience in conducting research.

Programme structure

Core modules: Applied Research Methods: Psychological Research Design; Applied Research Methods: Correlational Methods in Psychology; Applied Research Methods: Qualitative Psychology; Applied Research Methods: Group Comparisons; Concepts and Skills; Advanced Statistical Methods
Compulsory modules include: Research Apprenticeship in Psychology; Statistical Programming in R
Plus dissertation

Key facts: additional information

Assessment: coursework and dissertation

> "My research is a combination of social psychology and neuroscience, which shows the flexibility of the researchers here and their willingness to accommodate their students' interests. I am also being trained to use an Electroencephalogram (which measures brain activity) for my dissertation and that's really exciting."

Ria Singh
MSc Research Methods in Psychology

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher in Psychology. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2c, IELTS 6.5 overall, with minimum of 6.0 in all components ; MSc Foundations of Clinical Psychology and MSc Health Psychology: band 3d, IELTS 7.0 overall, with minimum of 6.5 in all components. For more information visit **www.southampton.ac.uk/pgp/el**

Duration: one year (full time)

Applying: University online application form with transcripts, two references and personal statement. MSc Research Methods in Psychology requires a CV

Start date: September

Closing date: 31 July, early applications are encouraged. Applications after this date may be considered

Fees: **www.southampton.ac.uk/pgp/fees**

Funding:
University funding may be available **www.southampton.ac.uk/pgp/psychf** and from the South Coast Doctoral Training Partnership **www.southcoastdtp.ac.uk**

Find out more

To find out more or to download full course and module information visit: **www.southampton.ac.uk/pgp/psych**

For specific enquiries::

MSc courses:
T: +44 (0)23 8059 3483
E: psyc-pgt-apply@southampton.ac.uk

Professional training:
T: +44 (0)238 059 5108
E: cbtadmin@southampton.ac.uk

PSYCHOLOGY

Professional training programmes

Cognitive behavioural therapy (CBT) is a collaborative and evidence-based psychological treatment. The National Institute for Health and Care Excellence (NICE) recommends CBT for a range of mental health problems, including depression, anxiety, psychosis and personality disorders. CBT enables us to understand the relationships between our feelings, thinking, behaviours and environment, and the ways in which these can become problematic. With an understanding of how mental health difficulties have developed and are maintained day to day, we can support people to make changes if they choose to do so. The aim of CBT is to reduce distress and improve quality of life in line with an individual's goals and aspirations.

PG Dip Cognitive Behavioural Therapy for Anxiety and Depression

This BABCP level 2-accredited postgraduate diploma provides one-year training in CBT for mild to moderate anxiety and mild to severe depression in line with national IAPT guidelines. The course is open to high-intensity IAPT trainees and others who wish to develop these specialist skills.

Programme structure

Core modules include: Introduction to CBT Theory and Skills; CBT Theory and Skills II; CBT Supervision 1: Introduction to Evidence-based Treatments for People with Anxiety and Depression; Evidence-based Treatments for Anxiety Disorders; CBT Supervision 2: Disorder-specific Treatments for People with Anxiety Disorders; CBT for Depression; CBT Supervision 3: Evidence-based Treatments for People with Depression; CBT portfolio
Plus clinical work placement focusing on anxiety and depression, supervised by University supervisors and practice supervisors based in the IAPT service

Key facts: additional information

Entry requirements: mental health professional qualification or equivalent
Duration: one year; most students will be working in a high-intensity IAPT service and will attend University for two days a week, with some short training blocks
Assessment: combination of clinical and academic assignments, including therapy ratings against CTS-R
Start date: late September/ early October

PG Dip Cognitive Behavioural Therapy

This BABCP level 1-accredited postgraduate diploma aims to provide you with a clear understanding of cognitive behavioural concepts, models and methods. You will develop skills in collaborative assessment, formulation and treatment, based on current models of mental health. With a critical appreciation of the theoretical and empirical literature, you will also develop skills in sound clinical decision-making. The diploma has been developed in line with IAPT for anxiety and depression, and severe mental illness (SMI).

Programme structure

Modules: Core and optional modules may be selected to develop competency in working with people with anxiety and depression; psychosis and bipolar; and personality disorders. You will choose a combination of taught and supervision modules to develop specialist skills

Key facts: additional information

Entry requirements: suitable for mental health professionals with approved professional training, previous CBT training and at least one year's experience of supervised CBT practice
Duration: usually one to two years and must be completed in a maximum of five years; most students will be working in clinical settings and will attend University for one day a week, with some short training blocks
Assessment: combination of clinical and academic assignments, including therapy ratings against CTS-R
Start date: October
Funding: employer funding as part of continuous professional development; alternatively, wholly or partly self-funded

PG Cert Cognitive Behavioural Therapy

This postgraduate certificate introduces you to the theory and practice of CBT and is available at introductory and advanced levels depending on the stage of professional development. It is also available as a theory-only course for researchers and others interested in focusing on theoretical development.

Programme structure

Anxiety and Depression pathway: (introductory level practice)
Introduction to CBT Theory and Skills; CBT Theory and Skills II; CBT Supervision in Evidence-based Treatments for People with Anxiety and Depression
Advanced-level practice:
Evidence-based Treatments for Anxiety Disorders; CBT for Depression; CBT for Personality Disorders; CBT for Psychosis; Supervisory Skills; CBT supervision linked to selected taught modules

Key facts: additional information

Duration: highly flexible: one to five years; most students will be working in clinical settings and will attend University with some short training blocks
Assessment: combination of clinical and academic assignments, including therapy ratings against CTS-R
Start date: late September/ early October
Funding: employer funding as part of your continuous professional development; alternatively, wholly or partly self-funded

Related courses

Postgraduate Certificate Low Intensity Cognitive Behavioural Therapy with IAPT PWP (Psychological Wellbeing Practitioner) status
Page 116

MAXIMISING YOUR POTENTIAL

"Mentoring sessions cover highly relevant topics, which help students to gain a full understanding of academic expectations and life in Southampton during postgraduate study. Our students find this complementary to the support from their academic tutor, as it's a great opportunity to talk in a group to a dedicated mentor they can relate to."

Adriana Wilde
PhD Computer Science, fifth year; MSc Mentors Coordinator

Research programmes

PSYCHOLOGY

PhD

This programme offers students an opportunity to work in a stimulating and supportive environment with state-of-the-art research facilities, and with academics who have an international reputation for research excellence. We are able to offer funding to outstanding applicants who can demonstrate strong commitment to a postgraduate research career with excellent academic achievement and research experience.

Programme structure

You will work within a supervisory team to develop and submit a research thesis of up to 75,000 words, which must include a systematic review.

Key facts: additional information

Applying: University online application form with indicative research area (for 1+3 applicants) and research proposal (for +3 applicants), CV and references

These courses are **BPS accredited** and **HCPC approved**

Taught doctorate programmes

Doctorate in Clinical Psychology

This three-year programme will provide you with knowledge of central theoretical and empirical approaches to clinical psychology. You will gain experience of the application of theoretical models and treatment approaches to psychological problems and you will develop competence as an applied psychologist and scientist practitioner across multidisciplinary healthcare settings. The programme is BPS accredited and HCPC approved.

Programme structure

There are core modules in clinical psychology and research methods, a small-scale research project, and research thesis. Practitioner modules provide NHS experience in clinical services

Key facts: additional information

Entry requirements: upper second-class degree in psychology or equivalent conferring Graduate Basis for Chartership (GBC) by BPS, plus relevant work experience plus satisfactory performance at interview
Duration: three years (full time)
Assessment: includes essays, oral presentations, case reports, structured clinical assessments, research thesis with viva voce**, portfolio/clinical logbook, evaluation of clinical competence on placement including assessment of recorded therapy sessions
Start date: October
Applying: The Clearing House for Postgraduate Courses in Clinical Psychology, 15 Hyde Terrace, Leeds, LS2 9LT:
www.leeds.ac.uk/chpccp
Closing date: December
Fees: paid by NHS
Please note that this programme is not currently open to international applicants

Doctorate in Educational Psychology

Educational psychologists work in a variety of ways to address the problems experienced by children and young people in an educational context. This three-year doctoral training programme, BPS accredited and HCPC approved, will enable you to develop knowledge, understanding and application of theory, empirical evidence and interventions at the core of the professional practice of educational psychology.

Programme structure

Core modules include: Learning and Development; Emotion and Behaviour; Qualitative and Quantitative Research Methods; small-scale and applied research projects; research thesis. Further modules are linked to placement learning and the development of a casework portfolio

Key facts: additional information

Entry requirements: upper second-class degree in psychology or equivalent conferring Graduate Basis for Chartership (GBC) by BPS; relevant experience (at least one to two years) of working with children and young people in educational or childcare setting; usually resident in UK at time of application and able to work in England for duration of course and at least two years after completion plus satisfactory performance at interview
Duration: three years (full time)
Assessment: essays and academic critiques, reports of casework, practical work files applied research projects, research thesis and viva voce**
Start date: September
Applying: through Association of Educational Psychologists website
www.aep.org.uk/training/
selection conducted at programme level

Biopac equipment being used to measure emotions

Closing date: December
Fees: bursary from National College of Teaching and Leadership for year one and fees throughout:
www.education.gov.uk/schools/careers/careeropportunities/b00201184/educational-psychology/educational-psych-application
bursaries for years two and three through local authority placement scheme (currently £17,000)
Please note that this programme is not currently open to international applicants

Research divisions

- Centre for Vision and Cognition (CVC)
- Centre for Innovation in Mental Health (CiMH)
- Centre for Research on Self and Identity (CRSI)
- Centre for Clinical and Community Applications of Health Psychology (CCCAHP)

www.southampton.ac.uk/psychology/research

> "Not only have I gained knowledge in health psychology, but I've learned so much about working in a professional environment: pushing myself to the limit, how to pull myself up when things go wrong and how to work to the best of my ability."

Polly Langdon
MSc Health Psychology, 2013;
MPhil/PhD in Psychology, fifth year

Key facts

Unless otherwise stated

Entry requirements:
PhD – a UK bachelors degree with upper second-class honours and a Masters at Merit* or higher in a relevant subject, plus research proposal and satisfactory performance at interview. (*typically between 60% and 69% in the UK). See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 2c, IELTS 6.5 overall, with minimum of 6.0 in all components; for HCPC-approved programmes: band 3d IELTS 7.0 overall, with minimum of 6.5 in all components. For more information visit
www.southampton.ac.uk/pgp/el

Closing date: 31 July, early applications are encouraged. Applications after this date may be considered. December for DClin Psych, DEd Psych; funding decisions for PhD made from early spring

Fees and funding:
PhD – University funding may be available
www.southampton.ac.uk/pgp/psychf
and from the South Coast Doctoral Training Partnership
www.southcoastdtp.ac.uk

Duration: PhD – three to four years (full time); up to seven years (part time)

Assessment: PhD – annual reports, confirmation, interim thesis, thesis and viva voce**

Start date: PhD – September, though start dates throughout the year also considered

** For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/psych

For specific enquiries:

DClin Psych, DEd Psych:
T: +44 (0)23 8059 5320
E: psyc-pgr-apply@southampton.ac.uk

PhD, PhD in Health Psych:
T: +44 (0)23 8059 3476
E: psyc-pgr-apply@southampton.ac.uk

PSYCHOLOGY

Taught programmes

SOCIAL STATISTICS, DEMOGRAPHY AND GLOBAL HEALTH

Choose Southampton

- More than 50 years at the forefront of international research on methodology for the design and analysis of sample surveys
- Leading international centre for research in social statistics
- Leaders in global health research with strong links to a number of low - and middle - income countries

Top five in the UK
for research power and outputs, based on volume and quality of research
(Social Policy, including Demography and Global Health, latest REF, 2014)

MSc Demography

Gain interdisciplinary study skills in the field of population science and the analysis of demographic phenomena. Learn about population change, its relationship to policy and how to analyse population dynamics.

Programme structure

Compulsory modules include: Demographic Methods I and II; Qualitative Methods; Population, Poverty and Policy; Research Communication Skills; Survey Design; Understanding Population Change; Applied Statistical Modelling
Optional modules include: Analysis of Hierarchical (Multilevel and Longitudinal) Data; Population and Reproductive Health; Researching in Ageing Societies; Family Demography; Critical Issues in Global Health: Concepts and Case Studies; Methods and Analysis of Global Health Trends and Differentials; Philosophy of Social Science Research; Key Topics in Social Science: measurement and analysis; Sampling Techniques; Complex Survey Data Analysis
Modules on other MSc programmes (eg MSc Gerontology, MSc Social Statistics) may be taken as options after discussion with your academic tutor and the MSc programme coordinator
Plus dissertation

MSc Global Health

This reserch-led interdisciplinary programme provides comprehensive training on the principles, methods and research skills necessary to understand, interpret and solve critical global health challenges.

Programme structure

Compulsory modules include: Critical issues in Global Health: Concepts and Case Studies; Methods and Analysis of Global Health Trends and Differentials; Quantitative Methods 1; Epidemiology: Concepts, Analysis and Application; Population and Reproductive Health
Optional modules include: Demographic Methods 1 and 2; Health Policy and Economics; Core Skills in Geographical Information Systems; Ageing, Health and Wellbeing; Enabling Change for Health Improvement; Health Services Organisation and Evaluation; Healthcare Informatics; Food Systems; Qualitative Methods 1

Key facts: additional information

Intercalating medical students: This programme is suitable for medical students wishing to intercalate after their third or fourth year of study*

MSc Data Analytics for Government

This new programme, offered in support of the Government Statistical Service, provides specialist skills and knowledge in statistics and data science. It is particularly suitable if you are employed in an analytical profession in the UK Government or equivalent organisations in the UK and abroad.

Programme structure

Experienced tutors deliver each module intensively in a one-week period. Successful completion of six instructional modules leads to the PG Cert; 12 instructional modules for the PG Dip and successful completion of the diploma and dissertation leads to the MSc Data Analytics for Government
Compulsory modules include: Survey Fundamentals; Data Science Foundations; Statistics in Government; Statistical Programming
Optional modules include: Introduction to Survey Research; Survey Data Collection; Economics and National Accounts; Demographic Methods; Evaluation and Monitoring; Statistical Disclosure Control; Regression Modelling; Advanced Statistical Modelling I; Generalised linear models II; Analysis of Complex Survey Data III; Multilevel Modelling; Further Survey Estimation; Time Series Analysis; Index Numbers; Small Area Estimation
Plus dissertation

Key facts: additional information

Duration: Two to four years (part time), or one year (full time) with a restricted range of optional modules

MSc Social Research Methods with Applied Statistics

Train in applied statistical methods at the cutting edge of statistical practice. The programme equips you with the necessary grounding both to understand and to contribute to social research. There is a particular focus on survey design and analysis, statistical modelling of complex data and qualitative methods.

Programme structure

Compulsory modules include: Survey Design; Applied Statistical Modelling; Qualitative Methods I; Analysis of Hierarchical (Multilevel and Longitudinal) Data; Research Communication Skills; Key Topics in Social Science: Measurement and Analysis; Statistical Computing
Optional modules include: Computer-intensive Statistical Methods; Critical Issues in Global Health: Concepts and Case Studies; Methods and Analysis of Global Health Trends and Differentials; Philosophy of Social Science Research; Family Demography; Qualitative Methods II; Demographic Methods I; Demographic Methods II; Design of Experiments; Epidemiological Methods; Development and Migration; Population, Poverty and Policy; Population and Reproductive Health; Methods for Researching in Ageing Societies; Statistical Genetics; Sampling Techniques; Complex Survey Data Analysis; Survival Analysis; Understanding Population Change; Evaluation and Monitoring
Plus dissertation

"The facilities at Southampton were excellent and the structure of the degree course meant I was able to learn while continuing to work."

Ruth Studley
MSc Official Statistics; Director of Strategy and Development, Healthcare Inspectorate Wales

MSc Applied Statistics

Train in the theory and methods of statistics, with cutting-edge applied statistical practice. There's a focus on statistical methodology and underlying theory, equipping you with the skills to research statistics methodology, or develop a career as a professional applied statistician.

Programme structure

Compulsory modules include: Generalised Linear Models; Analysis of Hierarchical (Multilevel and Longitudinal) Data; Research Communication Skills; Statistical Theory and Linear Models; Statistical Computing; Sampling Techniques; Complex Survey Data Analysis
Optional modules: Bayesian Methods; Computer-intensive Statistical Methods; Demographic Methods I & II; Design of Experiments; Epidemiological Methods; Qualitative Methods I; Statistical Genetics; Survival Analysis ; Key Topics in Social Science: measurement and analysis; Survey Design; Philosophy of Social Science Research; Evaluation and Monitoring
Plus dissertation

MSc/PG Cert/PG Dip Official Statistics

This programme is designed to provide you with the specialist skills and knowledge which are central to the conduct of professional statistical work in government. The primary target audience comprises those currently employed in the UK government statistical services or equivalent organisations overseas.

Programme structure

Compulsory modules: Demographic Methods I; Evaluation and Monitoring; Index Numbers; Intro to Survey Research; Regression Modelling; Statistics in Government; Survey Sampling ; Time Series Analysis
Optional modules include: Advanced Statistical Modelling I: Generalised Linear Models Advanced Statistical Modelling II: Multilevel Modelling; Demographic Methods 2 ; Economics and National Accounts; Statistical Disclosure Control; Statistical Programming
Plus dissertation

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

*Undergraduate medical students applying for the MSc Global Health who wish to intercalate during their medical studies must have successfully completed at least three years of their medical degree and achieved 60% or above in all Year 3 assessments.

English language: band 1c, IELTS 6.5 overall, with a minimum of 5.5 in all components or equivalent - MSc Global Health, band 2C, IELTS 6.5 overall, with a minimum of 6.0 in all components, or equivalent

Duration: one year (full time); 27 months (part time)

Assessment: coursework and/or examination; dissertation

Applying: University application form with transcripts and two references

Start date: September

Closing date: none, but early application advised

Fees: **www.southampton.ac.uk/pgp/fees**

Funding: international scholarships are available **www.southampton.ac.uk/pgp/demof**

Additional costs: printing and photocopying

Related Courses

MSc Statistics: page 126
MSc Statistics with Applications in Medicine: page 126

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/demo

For specific enquiries:
T: +44 (0)23 8059 7342
E: ssd-pgt-apply@southampton.ac.uk

SOCIAL STATISTICS, DEMOGRAPHY AND GLOBAL HEALTH

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours or higher and a Master of Science at Merit* or higher plus satisfactory performance at interview (*typically between 60% and 69% in the UK). See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 2c, IELTS 6.5 overall, with 6.0 in all components or equivalent, achieved within the past two years

Duration: three to four years (full time); up to seven years (part time)

Assessment: annual reports, confirmation of PhD, interim thesis, thesis and viva voce*

Start date: September, but possible throughout the year

Applying: University application form with transcripts, research proposal, CV and two references

Closing date: none, but early application advised

Funding: may be available from the academic unit (please contact us for details) and the South Coast Doctoral Training Partnership
www.southcoastdtp.ac.uk

Fees:
www.southampton.ac.uk/pgp/demof

Additional costs: fieldwork, printing and photocopying

* For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/demo

For specific enquiries:

T: +44 (0)23 8059 7385

E: ssd-pgr-apply@southampton.ac.uk

Research programmes

SOCIAL STATISTICS AND DEMOGRAPHY

PhD

Social Statistics and Demography at Southampton has been awarded Doctoral Training Status by the ESRC. 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.

"I decided to study at the University of Southampton because of its international reputation as the best school for Social Statistics and multilevel modelling techniques in the United Kingdom, and perhaps the world."

Priscilla Atwani Idele
PhD Social Statistics, 2002;
Chief of the Data Analysis Unit, UNICEF

Research areas

Demography
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; migration

Social statistics
Statistical data editing and imputation in sample surveys and censuses; sample weighting and computation of associated confidence intervals; analysis of sample data collected via complex sampling methods; investigation of measurement error and non-ignorable non-response; confidentiality issues associated with release of data from official surveys; estimation based on mixed spatial and temporal models for small-area effects; variance estimation for sample surveys in the presence of non-response imputation

Statistical modelling
Generalised linear models, multilevel modelling, survival analysis, contingency tables and graphical models; non-ignorable non-response models; imputation and inference in the presence of misclassification; developing multi-level models for discrete-time and discrete-choice data

Research centres

Centre for Applied Social Surveys
www.s3ri.soton.ac.uk/cass

Centre for Global Health, Population, Poverty and Policy
www.southampton.ac.uk/ghp3

ESRC Centre for Population Change
www.cpc.ac.uk

Centre for Research on Ageing
www.southampton.ac.uk/ageingcentre

ESRC National Centre for Research Methods
www.ncrm.ac.uk

Southampton Statistical Sciences Research Institute
www.southampton.ac.uk/s3ri

#LOVESOUTHAMPTON

From restaurants and local cafes, to nights out, the great outdoors and a huge range of cultural venues, as well as our own beautiful campuses; discover why our students #LoveSouthampton.







Explore our city and the University
@uni_southampton




Taught programmes

SOCIOLOGY, SOCIAL POLICY AND CRIMINOLOGY

Choose Southampton

- Social Policy at Southampton is ranked seventh in the country (*The Times Good University Guide, 2017*)
- Criminology at Southampton is ranked eighth in the country (*The Times Good University Guide, 2017*)
- You will be studying alongside internationally respected academics across all our research areas

Top five in the UK
for research power and outputs, based on the volume and quality of our research

(Social Policy, including Criminology, latest REF, 2014)

The University is part of the government-funded consortium to build evidence around what really works in reducing crime.

MSc Criminology

Our exciting and innovative postgraduate criminology programme examines topics fundamental to an advanced understanding of the causes, consequences and responses to crime. There are a range of options reflecting our academics' research.

Programme structure

Core modules include: Criminal Behaviour: Applied Perspectives; Criminal Justice: Policy and Practice; Philosophy of Social Science Research; Research Design and Practice; Qualitative Methods 1; Quantitative Methods 1

Optional modules include: Life Behind Bars: Prisons and Punishment; Contemporary Policing; Cyber Crime; Insecurity and the Dark Web; Advanced Policy Analysis; Foundations of Cyber Security; Terrorists vs. Counter-terrorists: Past, present and future policy; Census and Neighbourhood Analysis; Introduction to Security Studies; Contemporary Theories of Justice; Survey Design; Qualitative Methods/Quantitative Methods 2 – these methods courses can also be taken as options; Social Science Data: Sources and Measurement
Plus dissertation

MSc Sociology and Social Policy

This programme offers you advanced-level training in sociology and social policy. You will study sociological concepts, such as gender, class, inequality, interest, modernity, globalisation, and link them to social policy concepts, such as health, well-being, social welfare, social risk and the welfare state. Throughout, our perspective on these topics will be global; we use social theory and concepts to understand societies around the globe, comparing richer and poorer regions. All students will receive a thorough methods education, and if you want to specialise in methods you can choose our research methods pathway.

Programme structure

Modules from (depending on pathway): Understanding Modernity; International Social Policy; Understanding Social Change; Philosophy of Social Science Research; Research Design and Practice; Quantitative Methods; Qualitative Methods; social science options
Plus dissertation

"I am currently working with Public Health (UOS), Hampshire Police, and Hampton Trust on an evaluation of an out-of-court, community-based intervention ('Gateway') aimed at improving the health and wellbeing of youth offenders (aged 18-24), victim satisfaction and reducing recidivism."

Professor Jenny Fleming
Head of Department, Director of the Institute of Criminal Justice Research

Sociology, Social Policy, Criminology and Anthropology programmes have been central to Social Sciences at Southampton for
over 40 years

Key facts

Unless otherwise stated

Entry requirements: A UK bachelors degree with upper second-class honours or higher plus satisfactory performance at interview. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 2C, IELTS 6.5 overall, with a minimum of 6.0 in all components

Duration: one year (full time); 27 months (part time)

Assessment: coursework and dissertation

Start date: September

Applying: University application form with transcripts and two references, one of which should be an academic reference

Closing date: 31 July, but early applications are encouraged, especially for international students needing to obtain a visa. Applications after 31 July may be considered

Funding: International scholarships are available
www.southampton.ac.uk/pgp/sspcf

Fees:
www.southampton.ac.uk/pgp/fees

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/sspc

For specific enquiries:

T: +44 (0)23 8059 2511

E: sspc-pgt-apply@southampton.ac.uk

SOCIOLOGY, SOCIAL POLICY AND CRIMINOLOGY

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with upper second-class honours and a Master of Science at Merit* or higher (*typically between 60% and 69% in the UK). Plus satisfactory performance at interview. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 2c, IELTS 6.5 overall, with a minimum of 6.0 in all components or equivalent, achieved within the past two years

Duration: three to four years (full time); up to seven years (part time)

Assessment: annual reports, confirmation of PhD, interim thesis, thesis and viva voce**

Start date: September, but sometimes possible throughout the year

Applying: University application form with transcripts, research proposal and two references

Closing date: none, but early application advised

Funding: may be available through the academic unit (please contact us for details) and the South Coast Doctoral Training Partnership - visit **www.southcoastdtp.ac.uk** for more information

Fees: **www.southampton.ac.uk/pgp/sspcf**

Additional costs: fieldwork, printing and photocopying, etc; some help may be provided

** For more information on continued assessment throughout your research programme, see page 41

Research programmes

SOCIOLOGY, SOCIAL POLICY AND CRIMINOLOGY

PhD

We offer PhD programmes in many areas of sociology, social policy and criminology in a highly supportive and stimulating environment which has been awarded Doctoral Training Partnership status by the ESRC. You will be supervised by two academics with related research interests, and a wider supervisory team will oversee your progress. We are interested in applications from students who want to pursue research in areas of quantitative and qualitative sociology, social policy or criminology; or who are interested in interdisciplinary research within health and wellbeing, energy, environment and resilience, or the social/computational interface.

Programme structure

You'll be expected to undertake appropriate research training sessions organised by us and encouraged to play a full part in our activities. These include a seminar programme with visiting speakers, and research workshops where you can present your work and discuss common issues in a more informal atmosphere. We will also encourage you to attend external conferences and workshops. If you do not have a research grant to cover the costs of such events, you may apply for financial assistance.

Research centres

- Centre for Citizenship, Globalisation and Governance
- Centre for Research on Ageing
- China Research Centre
- ESRC Centre for Population Change (CPC)
- ESRC National Centre for Research Methods
- ESRC Third Sector Research Centre
- Institute for Criminal Justice Research
- Work Futures Research Centre

Research areas

- Contemporary policing
- Crime and social cohesion
- Environmental change and sustainability
- Families and communities
- Forensic psychology
- International and comparative social policy
- Living standards and welfare
- Methodological innovation
- Prisons and punishment
- Religion, ethnicities and belonging
- Research methods
- Web science
- Work and organisations
- Work futures, global business and entrepreneurship
- Youth justice

Find out more

To find out more or to download full course and module information visit:

www.southampton.ac.uk/pgp/sspc

For specific enquiries:

T: +44 (0)23 8059 7335

E: sspc-pgr-apply@southampton.ac.uk

"I absolutely loved my time at Southampton and made some great friends. It's a brilliant campus and I had brilliant supervision support from the academic team."

Katie Bruce
MSc Sociology; MPhil/PhD Sociology and Social Policy, 2012; Director at JustSpeak

COLLABORATING WITH COLLEAGUES

"It is thanks to the mentoring, support and training I have received from my supervisors and close colleagues that I am now experienced in conducting research projects. Close collaboration has already opened up so many doors for my research career; I am now part of a number of international research projects at the University of Alaska, Tromsø, Bergen and Cologne."

Charlotte Clarke
PhD Geography and the Environment, third year

Charlotte Clarke works closely with her mentor, Professor Mary Edwards

Key facts

Unless otherwise stated

English language: band 2C, IELTS 6.5 overall, with a 6.0 in all components or an equivalent standard in other qualifications approved by the University, achieved within the past two years

Duration: Integrated PhD and 1+3 years (MSc + PhD) – up to five years (full time); up to nine years (part time); PhD – up to four years (full time); up to seven years (part time)

Start date: September (Integrated PhD, PhD, 1+3 years); sometimes possible throughout the year (PhD only)

Applying: University application form with transcripts, research proposal and two references

Fees:
www.southampton.ac.uk/pgp/fees

"Being a part of S3RI is one of the most significant milestones in my career."

Carla Azevedo
PhD Statistics, 2018;
Intern at EDP

* For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/s3ri
For specific enquiries:
T: +44 (0)23 8059 7385
E: s3ri-pgr-apply@southampton.ac.uk

Research programmes

SOUTHAMPTON STATISTICAL SCIENCES RESEARCH INSTITUTE (S3RI)

Choose Southampton

- S3RI brings together staff from across the University for research in methods and applications of statistics
- Southampton is ranked in the world's top 100 universities for statistics (QS World Rankings, 2017)
- Research themes are Biostatistics; Design of Experiments; Policy and Evaluation; Statistical Modelling; and Survey Methods

PhD Statistics

We have a lively and thriving community of postgraduate students engaged in research across a range of areas and we support them extensively. Supervisors, who are international experts in their field, provide in-depth training. You will be 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.

Key facts: additional information

Entry requirements: first- or upper second-class bachelor degree in a relevant mathematical subject (for Integrated PhD). Masters in a relevant mathematical subject and first- or upper second-class degree (for PhD) in a relevant mathematical subject at MMath or MPhys level or equivalent, and satisfactory performance at interview
Assessment: progression from year one to year two of Integrated PhD by taught courses; annual reports, confirmation (for PhD award), thesis and viva voce*
Closing date: none, but funding decisions will be made from mid-March

PhD Social Statistics and Demography

Social Statistics at Southampton has been awarded Doctoral Training Centre status by the ESRC. Full funding is available for strong applicants wishing to undertake frontier research.

Key facts: additional information

Entry requirements: first- or upper second-class degree (1+3 years: MSc+PhD route). First- or upper second- class degree plus a masters at merit level (+3 years: PhD route) in a relevant subject, or equivalent qualifications plus satisfactory performance at interview
Assessment: progression from year one on 1+3 years by examination taught courses; annual reports, confirmation (for PhD award), interim thesis, thesis and viva voce*
Closing date: none, but early application advised
Funding: may be available via Academic Unit (please contact us for details) and the South Coast Doctoral Training Partnership
www.southcoastdtp.ac.uk

Related Courses

MSc Applied Statistics page 159
MSc Social Research Methods with Applied Statistics page 159
MSc Data Analytics for Government page 158
MSc Official Statistics page 159

TAKING A BREAK

Our campuses aren't just a hub for your studies and research.

When you need to take a break from your work, want to meet informally with colleagues, or enjoy a more relaxed environment, you can find plenty of spaces nearby to give you the time out you need.

From popular coffee chains to our own cafes and restaurants, there are plenty of places to choose from to enjoy drinks, snacks and meals across our campuses.

Taught programmes

WINCHESTER SCHOOL OF ART

Choose Southampton

- Benefit from a creative, art school environment while studying for an academically robust, Russell Group university degree
- Exposure to industry through live project briefs, visits to trade events in London and internship opportunities
- Superb studio space and unrivalled facilities, including traditional and high-tech digital equipment and industry-standard software

Our **10,500 alumni** work within **81 countries**, for world-leading brands such as Rolex and Selfridges

Management programmes

Our management programmes combine academic study in different fields, giving our students an understanding of the practicalities of management in a creative and global context.

The following modules are generic and are taken by all the Management programmes: Professional and Academic Skills 1 and 2
Optional modules for all programmes include: Sustainability; Creative Thinking and Problem Solving; Digital Cultures; Entrepreneurship; Experimental Publishing; Exploring the Visual Language of Display; Global Marketing; Visual Culture

MA Design Management

This programme explores the effective use of design in a business context, encompassing product design, process design, service design and brand design.

It is the art and science of empowering design to enhance collaboration and synergy between 'design' and 'business' to improve design effectiveness. This programme is aimed at individuals eager to develop a career in design management and is relevant to a wide range of 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.

Core and compulsory modules include: Strategic Design Management and Marketing; Design Management 1 and 2; Final Project

MA Fashion Management

This programme equips students for careers in the global fashion industry, developing the skills and insights to become the innovative and dynamic managers the industry needs. Study focuses on fashion-industry issues of brand marketing and development, trends, supply chain management and sustainability.

Fashion history and theory form key parts of the course, with an emphasis on applying academic and market research to support in-depth explorations of contemporary industry case studies.

Teaching staff with a combination of industry experience and academic rigour provide an experience that responds to complex industry changes. The course invites a wide range of industry experts as guest speakers to support the development of knowledge relevant to future fashion entrepreneurs, managers, and further fashion-related postgraduate research.

Past students have gone on to start their own fashion brands, or work as retail brand managers and bloggers.

Core and compulsory modules include: Fashion Theory and Context; Fashion Management 1 and 2; Final Project

MA Fashion Marketing and Branding

Fashion Marketing and Branding will enable you to engage with the complex marketing and branding challenges facing fashion brands in a global industry. You will develop the skills required to understand and build fashion brands, and how to use design-led solutions to meet modern marketing and management challenges.

A distinctive feature of this programme is the focus on understanding fashion consumer behaviour and fashion brands from emerging markets/economies. Whether your interests lie with luxury, fast fashion, lifestyle or other fashion brands, you will gain an understanding of how to apply your knowledge in a dynamic industry.

Teaching on this programme is provided by staff with many years of experience in the fashion and creative industries, and you will practise skills that will be directly transferable to a working environment or to further research-based postgraduate study.

Yi Zhao, MA Textile Design

Core and compulsory modules include: Fashion Marketing and Branding: Key Issues and Trends; Fashion Marketing and Branding 1 and 2; Final Project

MA Global Advertising and Branding

The advertising and branding industry is undergoing massive change as new technologies alter the way marketing professionals communicate with their target customers and understand the consequences of their campaigns. In this programme you will learn how advertising is created. We will explore 'the advertising pitch', target audience identification and segmentation, creative strategies, briefs, carry out appraisals of creative ideas and evaluate campaigns.

Through a range of set projects and advertising briefs you will build a critical awareness of the advertising industry and the challenges it faces today. While creative issues and brand design are examined in depth, this programme is aimed at people who wish to manage the process and become the next generation of advertising leaders rather than those who wish to become creatives or designers in their own right.

Core and compulsory modules include: Advertising and Branding: Contextual Themes and Issues; Global Advertising and Branding 1 and 2; Final Project

MA Global Media Management

News, entertainment and communication media are being transformed through the global development of the internet, social networks and mobile media. This programme will give you a critical understanding of the technological, social, cultural and political implications of these changes, and the skills to engage with and shape them.

Supported by the teaching, research and professional expertise of internationally renowned academics and sector-leading professionals, you will apply academic debates and industry perspectives to your investigation of media organisations, consumers and audiences, and digital innovation.

You will explore the strategies and management techniques employed by commercial, non-government (NGO) and community-based (CBO) organisations, how creative ideas are developed, and how audiences and users respond to them, or generate their own media material. Critical essays, practice-based projects, and scholarly reports will prepare you with the strategic and analytical skills to pursue careers in cultural and creative organisations or to pursue doctoral research.

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with lower second-class honours or higher. See international equivalent qualifications **www.southampton.ac.uk/pgp/entry**

English language: band 1B, IELTS 6.0 overall with a minimum of 5.5 in all components for all studio programmes. Band 2C, IELTS 6.5 overall with a minimum of 6.0 in all components for all management programmes and MA Contemporary Curation. For information on other accepted English language tests **www.southampton.ac.uk/pgp/el**

Duration: one year, full time

Start date: end of September

Applying: University application form (online) with transcripts, CV and personal statement; portfolio of work as appropriate

Closing date: 31 July, but early application encouraged, especially for international students who need to obtain a visa

Fees: **www.southampton.ac.uk/pgp/fees**

Funding: there are postgraduate scholarships available. Please visit our website for information **www.southampton.ac.uk/pgp/wsaf**

Additional costs: includes materials, study and gallery visits and copying charges. Varies according to programme

Deposits: students applying for these programmes are required to pay a deposit within 32 days of accepting the University's offer; deposits will be offset against fees on enrolment. Deposits will be refunded if applicants do not meet the conditions of their offer, or are refused a visa

Find out more

To find out more or to download full course and module information visit:
www.southampton.ac.uk/pgp/wsa

For specific enquiries:
T: +44 (0)23 8059 6904
E: wsa-pgt-apply@southampton.ac.uk

WINCHESTER SCHOOL OF ART

Core and compulsory modules include: Critical Media Practice; Global Media 1 Ideas and Debates; Global Media 2: Industries and Technologies; Final Project

Key facts: additional information

Entry requirements: upper second-class degree or an equivalent standard in other qualifications approved by the University

MA Luxury Brand Management

This programme balances the theoretical knowledge and practical skills required to succeed in the management of complex luxury brands. It focuses on a number of different aspects and contexts of luxury, from fashion, retail, and service industries to design. Students also explore how luxury brands are created, marketed, managed and sustained in today's society.

Luxury Brand Management considers brand portfolios, co-branding, brand extensions and endorsements, celebrity brands, designers and entrepreneurs and the management of brand heritage. There is also a focus on the changing nature of luxury brands in a range of markets including emerging markets, as well as an appreciation of how luxury brands have evolved over time and place and introduces the material, symbolic and experiential dimensions of luxury.

Core and compulsory modules include: Historical and Contemporary Issues in Luxury; Principles of Luxury Brand Management and Marketing; Strategic Luxury Brand Management; Final Project

Key facts: additional information

Entry requirements: upper second-class degree or an equivalent standard in other qualifications approved by the University and at least one years' relevant work experience

Studio programmes

Our studio programmes give our students the opportunity to further their skills and explore new areas in a design and practice-based creative environment.

The following modules are generic and are taken by all the Studio programmes: Professional and Academic Skills (Practice)
Optional modules for all programmes include: Sustainability; Creative Thinking and Problem Solving; Digital Cultures; Entrepreneurship; Experimental Publishing; Exploring the Visual Language of Display; Global Marketing; Visual Culture
Portfolio entry requirements: Practical and creative artistic ability, demonstrated in a portfolio which must be submitted with your application for the following studio programmes

MA Communication Design

This programme will develop your understanding of key academic and industry themes relevant to a networked digital media environment. Through critical creative practice, you will explore the implications of mobile platforms, media convergence and situated technologies while building on your existing design skills.

You will learn how to develop effective concepts and prototypes for current and emergent platforms, informed by user experience design principles. In the final stage of the course, you will focus on a specific area of interest, define a research question and produce a practice-based research project. Graduates leave the course with the conceptual tools, technical skills and personal attributes they need for further study or to thrive in a fast-changing industry.

Core modules include: Design and New Media; Design Laboratory; Final Project

MA Fashion Design

Fashion Design will extend your knowledge and understanding through individually negotiated projects, underpinned by research and creative practice. You will work across traditional and experimental boundaries, critically evaluating your working processes, methodologies and ideas. Core areas include research for fashion, sketchbook development, sustainable practice, construction techniques and materials, experimental practice, CAD skills and fashion portfolio skills.

Core modules include: Fashion Design 1 and 2; Final Project

MA Fine Art

Fine Art reflects the rich complexity of international contemporary art practice. We facilitate art work across all media: painting, drawing, printmaking, sculpture, installation, photography, video, web, temporary site-specific or time-based work, and performance art. Projects may involve pursuit of a single medium or a broader, multidisciplinary approach.

Optional modules in contemporary issues and business-related subjects support the development of your studio art practice and future career, while professional development is integral and facilitated by a wide range of contemporary artists and art world professionals who visit WSA to give lectures and workshops.

Core modules include: Contemporary Fine Art 1 and 2; Contemporary Fine Art Final Project

MA Textile Design

Textile Design will prepare you for further research or practice, drawing on your creativity and knowledge. You will be introduced to research, encouraged to develop critical thinking skills, refine your textile design skills and methods of enquiry. You will also acquire a critical understanding of your subject from different cultural and professional perspectives, benefitting from our international and industrial links.

You will be encouraged to experiment and to stretch the boundaries of the discipline through creative engagement with materials, processes and concepts, whilst considering sustainability as part of textile design. Tutors are practitioners themselves with extensive and diverse experience in areas including: digital textile production, CAD for repeat design, laser cutting, illustration and dye.

Core modules include: Textile Design 1 and 2; Final Project

Curational programme

MA Contemporary Curation

This MA supports the growing need for critical, theoretically informed, yet practical approaches to both the curation of contemporary art, and the art of curation. Based in The Winchester Gallery, you will develop your own curatorial practice; study the history and theory of curating; hear directly from guest curators about issues facing the profession, and benefit from the insight of world-leading academics.

You will gain the knowledge and skills you need to pursue careers in existing and emergent curatorial and related professions in a variety of institutions.

Core modules include: Contemporary Curation: Theories and Histories; Contemporary Curation: Practices; Methods of Cultural Inquiry; Final Project (Curation)
Optional modules include: Sustainability; Creative Thinking and Problem Solving; Digital Cultures; Entrepreneurship; Experimental Publishing; Exploring the Visual Language of Display; Global Marketing; Visual Culture

Key facts: additional information

Entry requirements: upper second-class degree or an equivalent standard in other qualifications approved by the University

"My experience at WSA led me to secure an internship at the Peggy Guggenheim Collection in Venice, where I have since been able to apply the skills and knowledge I acquired on the course."

Abigail Day
MA Contemporary Curation, 2017

WINCHESTER SCHOOL OF ART

Key facts

Unless otherwise stated

Entry requirements: a UK bachelors degree with second-class honours and a Master of Art in a relevant subject. Work experience in a related field considered. See international equivalent qualifications
www.southampton.ac.uk/pgp/entry

English language: band 1D, IELTS 7.0 overall with a minimum of 5.5 in all components. For information on other accepted English language tests, visit
www.southampton.ac.uk/pgp/el

Duration: up to four years (full time), seven years (part time)

Assessment: research thesis or practice-led research thesis and practice components, annual reports and viva voce*. All students must take and pass a mandatory seminar course on PhD research skills

Start date: October and February

Applying: University application form with certificates and transcripts, research proposal, portfolio and references

Fees:
www.southampton.ac.uk/pgp/fees

Funding: limited number of postgraduate bursaries; funding for conferences and other costs
www.southampton.ac.uk/pgp/wsaf

Additional costs: researchers fund their own research, including materials costs

*For more information on continued assessment throughout your research programme, see page 41

Find out more

To find out more or download full course and module information visit:
www.southampton.ac.uk/pgp/wsar

For specific enquiries:

T: +44 (0)23 8059 2562
E: wsa-pgr-apply@southampton.ac.uk
W: www.blog.soton.ac.uk/wsapgr

Research programmes

WINCHESTER SCHOOL OF ART

PhD

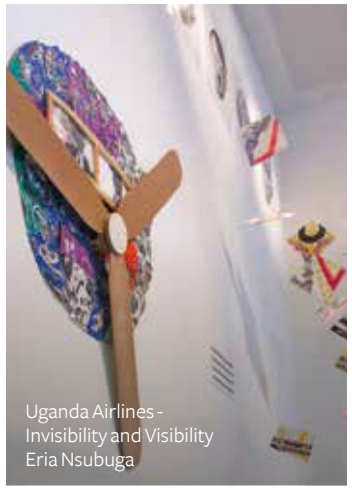
Winchester School of Art offers an interdisciplinary, research-led environment for full- and part-time postgraduate research students from a range of areas of art, design, media and global culture. Cross-disciplinary engagement is encouraged and many of our PhD students extend their research across academic disciplines and collaborate with researchers in related areas of the creative arts as well as the sciences. Research can be undertaken from a variety of perspectives, and conducted through either practice-based or critical/historical/sociological research methods. We particularly welcome applications that align with the School's key research groups, which include the Luxury Research Group; Archaeologies of Media and Technology, Critical Practices in Art and Design and Transforming Creativity.

As a research student you will be supervised by leading academic specialists, and have access to excellent workshops, study areas and media facilities. Your training will cover research project management, preparation for examination and publication, as well as technical and practical skills appropriate to your project. You will also take part in research seminars, and be encouraged to play an active role in developing exhibitions, events and research outputs. You can present your research at annual conferences and participate in inter-university symposia and other national and international academic events and exhibitions.

Regular seminars, guest speakers, master classes and proximity to the cultural and professional life of nearby London make this a vibrant centre for international postgraduates.

Research areas

- Art and design management
- Curation
- Design
- Fashion
- Fine Art
- Gaming
- Luxury
- Media
- Textiles



Uganda Airlines - Invisibility and Visibility
Eria Nsubuga

"Having the great privilege of being a PhD student at Winchester School of Art is enabling me to explore and expand the reach of my own personal practice, with possibilities of artistic collaboration."

Eria Nsubuga
PhD Fine Art, second year

INSPIRING MINDS BEYOND CAMPUS

Studio 144 unites our campuses with the city centre, extending the range and quality of arts and culture in Southampton.

This brand new space brings two world-leading venues and a community film organisation into the heart of Southampton's Cultural Quarter. Nuffield Southampton Theatre's new NST City venue boasts over 450 seats, a studio theatre, and dance studio. John Hansard Gallery has relocated from our Highfield Campus and works to bring the best and diverse exhibitions and events to Southampton.

City Eye inspires film and digital culture in the region through training, workshops and the annual Southampton Film Week.

Credit: Nigel Green

Arts pages:
www.southampton.ac.uk/pgp/arts

HOW TO APPLY

When you apply to study at the University of Southampton, you are joining a passionate and stimulating community of experts who will work with you to further your knowledge and advance your career.

1. Choose your programme or research area

Find a programme that suits you using this prospectus or our online course pages.

2. Make sure you satisfy, or are predicted to satisfy, the entry requirements

Check the entry requirements for your programme or department on the relevant pages of this prospectus; some programmes may have specific requirements of their own. If you are an international student you may need to check that you also satisfy our English language requirements.

3. Submit your application

Complete the online application form on our website at **www.southampton.ac.uk/pgp/apply**

You can find the exact list of documents you will need to submit for your programme on the relevant course page of our website.

For most taught programmes this will include submitting supporting documentation, for example a copy of your degree certificate or transcript or English language test certificate, which you can upload with your application form.

For most research degrees, you will also need to provide a research proposal. Guidance on writing a proposal can also be found on our application pages.

There is no University deadline for applications for taught or research programmes. However, some programmes and departments may have their own application deadlines. For more details, see the key facts section for each course or research programme. If you need to secure a UK visa or if you are applying for funding or sponsorship, apply as early as possible.

4. Receive and accept your offer

We will assess your application and may make you an offer to study with us. If you decide to accept our offer, some programmes may require you to pay a deposit (this will be outlined on the programme page).

If the offer is conditional, send us evidence confirming you have satisfied the conditions specified in your offer letter.

If you require a Tier 4 visa to study in the UK, we will ask you to complete an additional form which will enable us to create an electronic document called a Confirmation of Acceptance for Studies (CAS), which is required for your visa application.

5. Stay in touch

Follow us on social media and watch out for our emails to make sure you get all the relevant information before you study here.

If you wish to apply for accommodation, deadlines and information can be found on page 30.

6. Welcome to University of Southampton

Studying in the Hartley library

English language requirements

All of our programmes are taught in the medium of English (with the exception of language-specific programmes). All applicants must satisfy the University's general entrance requirement by possessing at least a grade C or grade 4 in GCSE English, or an equivalent standard in other qualifications approved by the University. More information is available on the course pages.

International applicants requiring a visa to study in the UK will need to satisfy the English language requirements set out by the UK Home Office. For further information relating to visas, please see page 24.

The University recognises a wide range of English language tests and other qualifications which are listed in full online at **www.southampton.ac.uk/pgp/el** This page also lists those countries for which the requirement to sit a specific English language test for visa purposes does not apply. The University offers its own, tailored pre-sessional programme for applicants who need to improve their English language skills before enrolling on their chosen programme. Further information regarding pre-sessional opportunities may be found online at **www.southampton.ac.uk/pgp/presessional**

In addition to the pre-sessional programme, other language courses and support are available through the Centre for Language Study, our pre-masters programme, and the Academic Centre for International Students (ACIS). For more information on these opportunities, see page 178.

We operate a fair and transparent admissions policy, which we review annually. You may read the current policy online at **www.southampton.ac.uk/pgp/admissionspolicy**

Courses subject to validation and revalidation

Validation is the process by which the University approves its programmes of study. Any taught undergraduate and postgraduate programme leading to a University of Southampton award, including research degrees with a taught component (for example the Engineering Doctorate), are required to go through programme validation and, after a number of years, to undergo revalidation.
The full validation process can be found in the University's Quality Handbook at **www.southampton.ac.uk/pgp/validation**

Find out more and apply at:
www.southampton.ac.uk/pgp/apply

FEES AND FUNDING

Investing in your future with a postgraduate degree from Southampton can be made easier with funding options and financial support available for UK, EU and international students.

Tuition fees

As a postgraduate student, you will need to pay an annual tuition fee to the University for your programme of study. This varies according to the type of programme you choose. Fees for full-time students include the full cost of tuition, examinations, Students' Union membership and research support expenses, where applicable.

For specific information about fees for a particular programme, please refer to the key facts section for each programme in this prospectus.

Unless otherwise stated, fees in this prospectus for UK/EU and international students are for 2019/20 entry. Some courses have non-standard fees.

Find more information about fees for all postgraduate courses at **www.southampton.ac.uk/pgp/fees**

Which fees apply to me?

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.

More information is available at **www.ukcisa.org.uk**

Overseas (international) fees apply if you do not meet the criteria for UK/EU (home) fees.

Please Note: all figures in this section are subject to change and were correct at time of print.

Paying your fees

Tuition fees can be paid online via our secure web payments facility: **www.webpayments.soton.ac.uk**

If you are funding your own studies, you can either pay your full fees in advance, or you can choose to pay your fees in three instalments each term, to help spread the cost across the year. For more information, visit **www.southampton.ac.uk/pgp/paying**

Alternatively, all students can pay their fees via our bank transfer platform. This service allows you to pay your fees in the local currency from your home bank account. For more information, visit **student.globalpay.wu.com/geo-buyer/southampton**

Funding your studies

We offer a wide range of postgraduate scholarships and bursaries, which are awarded by individual programmes and departments. We suggest that you contact the postgraduate admissions team in your programme of interest for information about funding available from the University; email addresses for admissions teams are at the bottom of the course pages in this prospectus.

		UK/EU 2019/20*	International 2019/20**
Taught course fees	PGCE	£9,250 (full time), £4,625 (part time)	£18,104 (full time), £9,052 (part time)
	Classroom-based	£9,250 (full time), £4,625(part time)	£18,104 (full time), £9,052 (part time)
	Laboratory-based	£9,250 (full time), £4,625 (part time)	£22,268 (full time), £11,134 (part time)
		UK/EU 2018/19*	**International 2019/20****
Research programme fees	Classroom-based	£4,260 (full time), £2,130 (part time)	£16,584 (full time), £8,292 (part time)
	Laboratory-based	£4,260 (full time), £2,130 (part time)	£22,704 (full time), £11,352 (part time)

*UK/EU postgraduate research fees for academic year 2019/20 will increase in line with the Research UK annual fees. We expect these to be announced in Spring 2019 and will be communicated on www.southampton.ac.uk/pgp/fees

**International students commencing a research programme or part-time taught course of study in 2019/20 academic year will pay the same respective fixed fee for each year of their programme.

Shopping in International Foods store in Portswood

Research contracts

We receive high levels of funding from external bodies and research councils, specifically for postgraduate researchers. For more information, see the key facts section on your programme of study page in this prospectus.

Postgraduate loans

Postgraduate loans are now available through the government for students from the UK and EU, studying both taught or research masters. To find out more, please visit **www.southampton.ac.uk/pgp/funding**

Subject-specific bursaries

Many subject areas offer funding for a select number of postgraduates each year. To find out about funding options available to you through your programme, and how to apply for them, visit **www.southampton.ac.uk/pgp/funding**

PhD Studentships

Many of our programmes and departments have PhD studentships available. Posts are regularly updated; to find out more, visit **jobs.soton.ac.uk** or go to the programme's web pages.

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 and managing a project of strategic significance. Visit **www.southampton.ac.uk/pgp/ktp**

We offer a wide variety of postgraduate scholarships and bursaries across the University for UK/EU and international students. One example is our Postgraduate Research Scholarship Fund, through which we will be awarding 100 scholarships, worth £7,000 per year of a PhD, to the best applicants each year. This scheme is open to PhD students of all backgrounds and countries of origin and is partly funded by our alumni and other donors. To apply, make an application for a PhD in the normal way and faculties will then seek support for the very best students under the scheme.

International funding

Partnership scholarships and funding

Through our partnerships with highly regarded external organisations, we are able to offer a range of postgraduate scholarships. These include:

- Chevening
- China Scholarship Council
- Commonwealth Scholarships Commission
- CONACYT
- Fulbright Commission
- Saïd Foundation
- Santander Universities

We also welcome and support students whose studies are sponsored through embassies, governments and employers worldwide. To find out more about the funding that may be available in your country, visit **www.southampton.ac.uk/pgp/fundingbycountry**

Applying for scholarships

Eligibility criteria and deadlines vary depending on the scholarship scheme. For up-to-date information, please visit our website or the website of the scholarship provider. When you are applying for a scholarship you may need to provide an offer letter from the University, so it is important to allow sufficient time for your postgraduate application to be processed.

We update the international funding pages on our website regularly with new scholarships.

Please note that you will need funding confirmation before registering as a postgraduate student.

Country-specific awards

Some programmes, departments and funding bodies offer bursaries or scholarships to students from certain countries. For more information, visit **www.southampton.ac.uk/pgp/intscholarships**

Find out more:
www.southampton.ac.uk/pgp/fees

SUPPORTING YOU

Academic Centre for International Students

The Academic Centre for International Students (ACIS) offers a range of preparatory courses and language support for international students.
www.southampton.ac.uk/pgp/acis

Centre for Language Study

The Centre offers a credit-bearing module in a number of languages, (Arabic, Chinese, Japanese, Russian and European Languages) which can be studied as a component of your degree. You will be able to study at one of seven language stages, from beginner to near-native level.
www.southampton.ac.uk/pgp/cls

Doctors and dentists

There are two health practices based on Highfield Campus, both offering NHS practitioners.
www.unidocs.co.uk
www.highfieldhealth.co.uk

There are also several local practices; you can find a full list of surgeries at **www.nhs.uk/service-search**

Early Years Centre

Situated on Highfield Campus, the Early Years Centre provides a stimulating and caring environment for children from newborn to five years of age.

T: +44 (0)23 8059 3465
E: eycentre@southampton.ac.uk
www.southampton.ac.uk/pgp/earlyyearscentre

Our specialised teams provide support in many different areas

Enabling Services

Enabling Services offers support for students with disabilities, mental health problems and specific learning difficulties, from application through to graduation. Before you arrive, we are able to help with queries regarding getting the right support and funding in place. We can also provide support with accommodation and prospective visits.

We encourage you to contact Enabling Services before you arrive to discuss the support available to you. Once you arrive, we can offer support to help you to settle in, meet the team, provide 'buddy' support and drop-in sessions.

During your studies, we can provide ongoing specialist support. This can include specialist study skills workshops and tutorials, weekly mindfulness sessions, a Drop In service and short-term counselling.

Enabling Services is available for all students who may encounter problems while at the University of Southampton.

Please contact us for further information and support.

T: +44 (0)23 8059 7726
E: enable@southampton.ac.uk
www.southampton.ac.uk/pgp/edusupport

Our services and centres are here to support you throughout your studies

Financial information and assistance

The main contact point for funding information and financial assistance is within the Student Services Centre on Highfield Campus. The Financial and Information Assistance team can support students experiencing financial hardship during their studies.

The Student Support Fund is a discretionary fund for students who find themselves in unexpected financial difficulty. Should you find yourself struggling financially while studying at the University, the Student Support Fund team may be able to help.

T: +44 (0)23 8059 9599
E: stufunds@southampton.ac.uk
www.southampton.ac.uk/pgp/fia

IT services

Our IT services provide you with the technology and software you need to make studying and researching as smooth as possible.

As well as access to free Wi-Fi and thousands of computer workstations across campuses and halls of residence, you will benefit from course-specific software and a dedicated helpline to support you throughout your time here.
www.southampton.ac.uk/pgp/isolutions

Language opportunities

Non credit-bearing modules are also available as an evening or late afternoon course with Lifelong Learning. Students will also be eligible to study a language free of charge (non credit-bearing) with the Southampton Language Opportunity. Find out more at **www.southampton.ac.uk/pgp/languageopportunity**

Nightline

The Students' Union's phone-based, student-run Nightline service provides information, emotional support and a listening ear from 20:00 to 08:00 during term time.

T: +44 (0)23 8059 5236
www.susu.org/nightline

Student Services Centre

Situated at the heart of the Highfield Campus, we are committed to helping you find the support and information that is right for you. We can provide help and advice on a number of subjects including fees, accommodation and financial assistance. You can find answers to frequently asked questions on our website.

T: +44(0)23 8059 9599
E: ssc@southampton.ac.uk
www.southampton.ac.uk/pgp/ssc

The Students' Union Advice Centre

The Students' Union Advice Centre offers free, confidential and impartial advice on matters including student finance, debt management and budgeting, academic issues and housing.

T: +44 (0)23 8059 2085
E: advice@susu.org
www.susu.org

Find out more:
www.southampton.ac.uk/pgp/edusupport

HOW TO FIND US

Southampton is a thriving, modern city, steeped in history and culture. Just over an hour south of London, Southampton has excellent transport links with the rest of the UK and Europe.

University of Southampton

University Road,
Southampton SO17 1BJ UK
T: +44 (0) 23 8059 5000
www.southampton.ac.uk

Driving times from Southampton

By bus

We run the award-winning unilink bus service that connects our Southampton campuses with all the major transport links in the city. Our U1 bus service collects you from outside the Southampton Airport terminal and Southampton Central Station, providing a direct connection to our Highfield Campus. You can buy tickets at the unilink office or on the bus.

You can also download the new Clickit2ride mobile app to buy tickets for unilink bus services on the go, as well as tickets for a number of other local bus companies.

By coach

National Express runs the 032 service to London Victoria Coach Station and the 203 service to London Heathrow Airport, both via the Highfield Campus. For timetable information, visit **www.nationalexpress.com**

By rail

Southampton and Winchester are well served by mainline railway stations – Southampton Central, Southampton Airport Parkway and Winchester. Fast trains from London and Bournemouth/ Weymouth stop at all three stations, and the typical journey times to London Waterloo from Southampton Central and Winchester are an hour and 20 minutes and an hour respectively.

Winchester School of Art is a 15-minute walk from Winchester train station. The unilink frequent bus service (U1), connects to Southampton Airport Parkway and Southampton Central train services via the University.

By road

Our Southampton and Winchester campuses are well connected to the national road network. The M3 links Southampton and Winchester directly to London. For Southampton campuses, exit the M3 at junction 14 and then follow signs for Southampton (A33). Follow the A33 into Bassett Avenue and follow signs to University campuses.

For Winchester School of Art, exit the M3 at junction nine or 10 and follow signs to the campus.

The M27 is one of the major road links along the south coast of England and passes Southampton to the north. For the University, leave the M27 at junction five (Southampton Airport) and follow signs to our University campuses.

1hr 20mins
away from London Waterloo by train

Satellite navigation

When travelling by car, please use the following postcodes in satellite navigation devices:

For Southampton Highfield Campus, use	**SO17 1BJ**
For Avenue Campus, use	**SO17 1BF**
For Boldrewood Campus, use	**SO16 7QF**
For the National Oceanography Centre Southampton, use	**SO14 3ZH**
For Southampton General Hospital, use	**SO16 6YD**
For Winchester School of Art, use	**SO23 8DL**

CAMPUS INFORMATION

- University buildings
- Halls of residence

TRANSPORT INFORMATION

- Airport
- Ferry terminal
- Railway station
- Coach station

Southampton Airport flies to

40 destinations

across the UK and abroad

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, including a 40-minute flight to Schipol Amsterdam, and flights to the Channel Islands.
If you are arriving in the UK via London Gatwick or London Heathrow airports, you can reach Southampton by road, bus, coach and rail.

Find out more:
www.southampton.ac.uk/pgp/findus

TERMS AND CONDITIONS

The University's Charter, statutes, regulations and policies are set out in the University Calendar and can be accessed online at www.calendar.soton.ac.uk

Terms of use

This prospectus does not constitute an offer or invitation by the University of Southampton to study at Southampton. It provides an overview of the University and life at Southampton, along with information about all the postgraduate programmes available at the time of publication. This is provided for information purposes only. Applications made to the University should be made based on the latest programme information made available by the University. Relevant weblinks are shown throughout. Please also consult the programme information online for further details or for any changes that have appeared since first publication of the prospectus.

The information contained in the prospectus, welcome guides or on our websites is subject to change and may be updated by the University from time to time to reflect intellectual advances in the subject, changing requirements of professional bodies and changes in academic staff members' interests and expertise. Changes may also occur as a result of monitoring and review by the University, external agencies or regulators.

Programme Validation

Validation is the process by which the University approves its programmes of study. Any taught undergraduate and postgraduate programme leading to a University of Southampton award, including research degrees with a taught component (e.g. Engineering Doctorate) are required to go through Programme Validation. The full validation process can be found in the University's Quality Handbook: www.southampton.ac.uk/quality

1. Change or discontinuance of programmes

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.

We undertake a continuous review of our programmes, services and facilities to ensure quality enhancement. We are largely funded through public and charitable means and are required to manage these funds in an efficient and cost-effective way for the benefit of the whole of the University community. We therefore, reserve the right where 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;

– make reasonable variations to the content and syllabus of programmes of study (including in relation to placements);

– suspend or discontinue programmes of study (for example, because a key member of staff is unwell or leaves the University);

– make changes to our statutes, ordinances, regulations, policies and procedures which we reasonably consider 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;

– close 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).

However, any revision will be balanced against the requirement that students should receive the educational service expected. The University's procedures for dealing with programme changes and closures can be found in our Quality Handbook at **www.southampton.ac.uk/quality**

If the University closes, discontinues or combines a programme of study or otherwise changes a programme of study significantly (the 'Change'), the University will inform applicants (or students where relevant) affected by the Change at the earliest possible opportunity.

a. If the Change comes into force **before** the University has made an **offer** of a place or before an applicant has accepted an offer of a place, an applicant will be entitled to withdraw his or her application, without any liability to the University, by informing the University in writing within a reasonable time of being notified of the Change.

b. If the Change comes into force **after** 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. If the Change comes into force **after** a student has **enrolled**, the University will use reasonable endeavours to teach the programme out 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. Any revision will be balanced against the requirement that students should receive the educational service expected.

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 closures, 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. When the contract is formed between the student and the University it will last for the relevant academic year only unless the student withdraws from the programme or the programme is terminated.

Please note: the right of a student to withdraw from a programme of study under the provisions set out in paragraph 1b. above following a Change are in addition to any statutory rights of cancellation that may exist under the Consumer Contracts (Information, Cancellation and Additional Charges) Regulations 2013. In entering into that contract, the terms of the contract will not be enforceable by any person not a party to that contract under the Contracts (Rights of Third Parties) Act 1999.

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.

Admissions Policy and complaints

The University will assess applications in line with its then current Admissions Policy. This policy is reviewed at least annually. The Admissions Policy, current at the time of publication, is published online and is available at **www.calendar.soton.ac.uk/sectionIV/admissions.html**

Before you apply please see subject websites listed for subject-specific terms and conditions.

Applicants may raise complaints related to admissions under the University's Regulations Governing Complaints from Applicants, which can be found at **www.calendar.soton.ac.uk/sectionIV/admissions.html**

Further information about or clarification of these procedures is available from the Admissions team, Student and Academic Administration, University of Southampton, Southampton SO17 1BJ; admissions@soton.ac.uk

Data protection

During the application procedure, the University will be provided with personal information relating to the applicant. An applicant's personal data will be held and processed by the University in accordance with the requirements of the Data Protection Act 1998.

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Photographs courtesy of Jon Banfield, and staff and students of the University

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COURSE INDEX

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*Thomson Reuters, 2017
**University of Southampton Financial Statements, 2016/17
***EPSRC Grants on the Web, July 2018

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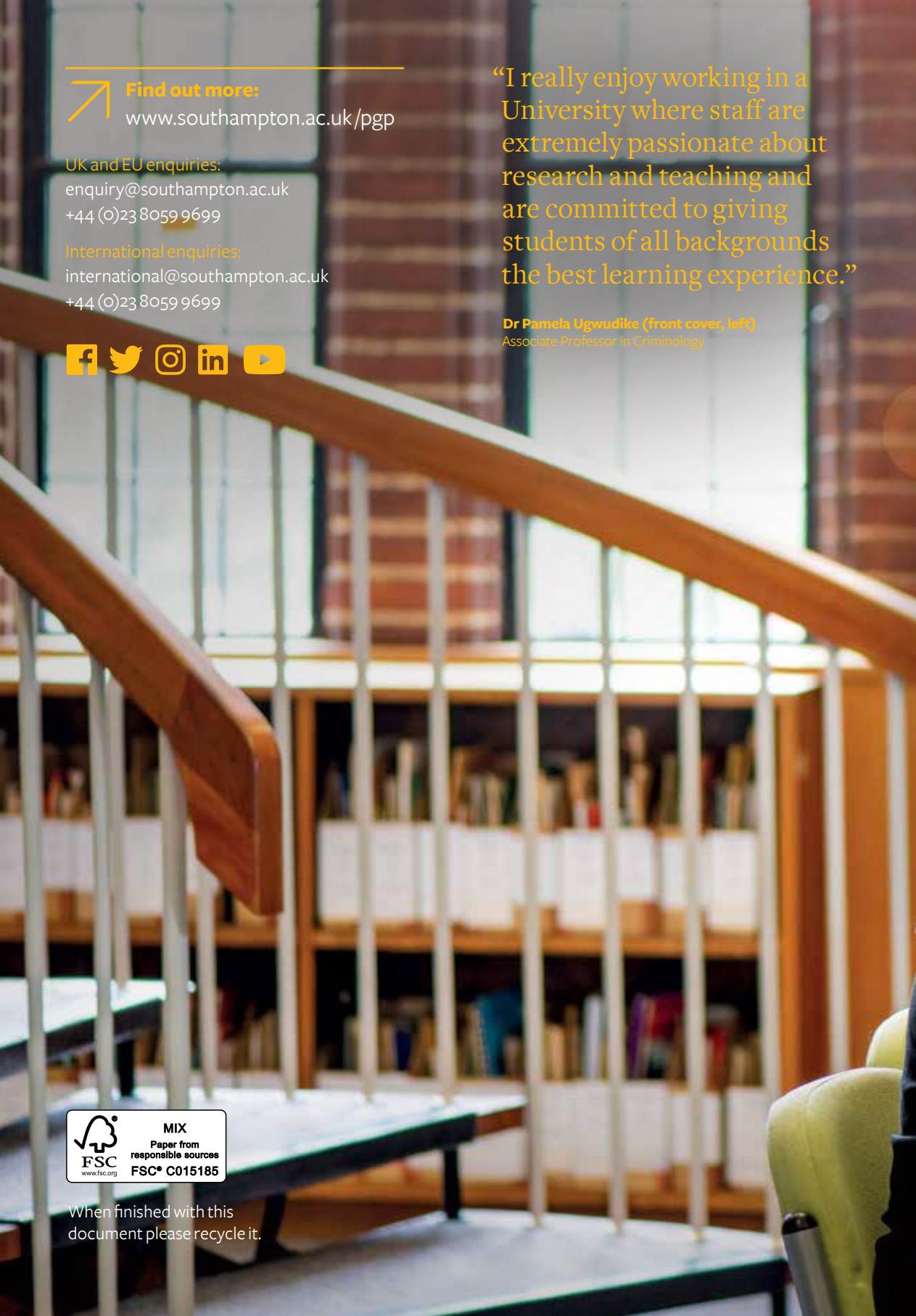

Find out more:
www.southampton.ac.uk/pgp

UK and EU enquiries:
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"I really enjoy working in a University where staff are extremely passionate about research and teaching and are committed to giving students of all backgrounds the best learning experience."

Dr Pamela Ugwudike (front cover, left)
Associate Professor in Criminology