

## Postgraduate Prospectus 2012

computing accounting and finance **criminology**  
marketing english agricultural and food sciences education  
science architecture and construction engineering  
health and safety **economics** human resources  
**psychology and counselling** maritime studies



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# Welcome

to the University of Greenwich

**The University of Greenwich is home to a thriving community of over 28,000 students of all ages. Students from over 140 countries choose to study at Greenwich, which is also a popular option for people from our local communities in south-east London and Kent.**

The university has three campuses, each with modern teaching and learning facilities, including libraries, computers and laboratories, in beautiful historic buildings. Wherever you study, you will find dedicated teaching staff and support services to help you achieve your goals.

This prospectus will guide you through the range of programmes on offer here. Many of them are work-related, with a strong professional and vocational focus. All of them will help you develop the skills you will need to get a good job. We have strong links with employers and offer support in finding work placements and part-time work while you study, as well as good career opportunities once you graduate.

We hope that you will consider coming to study at the University of Greenwich.

## Open Days

For a list of Open Days, please see [www.gre.ac.uk/opendays](http://www.gre.ac.uk/opendays).





## Why choose us?

- **We have excellent research and business links**

We are among the fastest growing universities for research income from industry and one of the leading modern universities in terms of the value of research for businesses. Our research strengths are wide, from computer modelling to drug delivery systems and bulk solids handling to reclamation of contaminated land. We also have strengths in continuing professional development in health and social care, pharmacy, education, architecture and construction, and management and corporate development.

Our strong links with industry, including many national and multinational clients, help ensure our curriculum is relevant. We have our own enterprises to enhance businesses and promote development opportunities. Our Business School, for example, has established the London Knowledge Network, which works on knowledge management with businesses, while the Centre for Entrepreneurship offers consultancy in

creative strategy. The SEEDA-funded Medway Enterprise Hub offers business support to people who want to turn their ideas and inventions into businesses.

- **We provide excellent facilities**

Our academic facilities help you to get the most from your studies. Internet connections and video/data projection equipment provide an interactive teaching environment in our lecture theatres, while fully equipped laboratories, workshops and studios ensure you get the best from hands-on study. Specialist facilities include a 150-seat theatre space and a dance studio.

Library and computer laboratory facilities provide easy access to printed materials and electronic journals, e-books and databases. Most electronic resources can be accessed from home, and the complete holdings of all the libraries are available via the Internet. A specialist team supports users working off-campus.

## ● We have a strong record for student employability

86.6% of our full-time first-degree graduates from the UK went into full-time graduate employment or further study (either alone or combined with work).

Our students take up a wide range of occupations (from architect to zookeeper) with a variety of employers; big names include Nike UK, the Environment Agency, Deutsche Bank and the NHS.

We work hard to ensure that course content matches the needs of employers, whether our students are starting or building a career. Business people sit on boards that help shape the content of our programmes and provide insight into industry by presenting seminars and lectures.

We work with businesses to appoint recently qualified graduates to companies to manage challenging projects, providing the graduate with important business-based training. On-campus graduate recruitment fairs attract local and national graduate recruiters, while many companies work with us to offer sandwich placements, giving students the opportunity to gain paid work experience.

## ● We support our students

Whether you are planning to join the university from an undergraduate programme or after a career break, or are working and studying part-



## Students key facts 2009–10

**Students studying in the UK** 28,790

**Students studying wholly overseas** 8,313

Level of study		Gender	
Undergraduate	79%	Male	48%
Postgraduate	21%	Female	52%

Mode of study		Origin	
Full-time/ sandwich	67%	UK	77%
Part-time	33%	EU	4%
		Other overseas	19%

Age		Ethnicity (where known)	
18–20	25%	Black and other ethnic minorities	52%
21–24	27%	White	44%
25–29	16%	Not given	4%
Over 30	32%		

time, we are here to support you. The University of Greenwich has a dedicated student support team that can provide guidance with all aspects of university life, including childcare, study skills and careers advice.

## ● We are in a great location

The University of Greenwich offers the best of both worlds – city and country. As a student, you are on the doorstep of London, but with the best of Kent not far away. We have three campuses: Avery Hill, in the south-east London district of Eltham; Greenwich, in the soon-to-be Royal Borough; and Medway, which is in Chatham Maritime, Kent.

## ● We have over a century of experience

The university traces its roots to 1890, when Britain's second polytechnic was opened near the Thames at Woolwich. An innovator from the start, the polytechnic pioneered the country's first part-time day-release and sandwich courses. Over the years, many specialist organisations have joined the institution, giving it diverse strengths such as teacher training, architecture, engineering and history. We were awarded university status in 1992.



“The degree provided a stimulating programme with close links to industry, thoroughly preparing me with the basic skills

required to succeed in civil engineering. I thoroughly enjoyed my time at Greenwich. The work was challenging, but the time constraints typified the demands of the workplace.”

**Asraf Uzzaman Rana**

MSc Civil Engineering (2006)



“I work at Ernst & Young, and the programme at the University of Greenwich really helped me in my work. It trained me a lot in terms of

client satisfaction and management principles. It has helped me a lot in all kinds of work.”

**Manh Du Bui**

MSc Facilities Management (2005)



“I decided to study at the University of Greenwich because of its large international student community and excellent teaching facility. I really

wanted to study in a place that felt like a home away from home. Greenwich is also located in a World Heritage Site and has a perfect blend of village and urban city settings with an added twist of being in a cosmopolitan city.”

**Becky Okonkwo**

MBA International Business (2009)

● **Our students rate us highly**

We have been rated first in London for student satisfaction for the second year running. In the latest Sunday Times University Guide league table, the university is ranked 26th out of 122 institutions in the UK, ahead of all other universities in the capital. The table is based on the National Student Survey, which gives students the chance to express their views on every area of university life, from lecturers to libraries. Some of our individual subject areas have done exceptionally well; top performers were Civil, Chemical and other Engineering courses, Law, and Medical Science and Pharmacy, which were all rated as number one in the country for student satisfaction in these subjects.

● **We offer strength in diversity**

We are proud of our diverse student body. Over 4,900 of our students come from outside the UK, representing 140 countries. Support is provided to over 1,000 students who have disabilities or dyslexia, and we attract students of all ages. In fact, over 21,500 of our undergraduates are classed as mature students (over 21).

● **We know what you need to achieve success**

We provide an environment that allows students to maximise their potential, and we understand the defining characteristics that our graduates require to meet the challenges of today's changing world. The behaviours, values, skills and attributes that we expect our students to develop will prepare them for future careers and help us to reshape student learning and assessment.

● **We have highly trained and dedicated staff**

We have over 1,600 members of staff with a diverse range of knowledge and skills from a variety of backgrounds. This expertise has been recognised by appointments to prestigious positions and by many awards, including our third Queen's Anniversary Prize, which was won for a project to reduce poverty in Africa.

We provide professional training opportunities for all lecturers and set high standards for teaching quality – we even have the winner of the 2010 Times Higher Education award for the Most Innovative Teacher of the Year. Students benefit from a research environment where staff share their expertise.

## • We continue to invest

Our modern facilities are backed by continued investment: we have new buildings at Avery Hill and refurbished and renovated buildings at Medway. We are also investing £60 million in a new development in Greenwich town centre.

## • We are good neighbours

We promote local regeneration, working with government, local authorities and business. In partnership with employers, we are training architects, teachers, nurses and midwives, engineers, computer experts and other professionals. We are working with the bodies developing the UK's largest regeneration programme, the Thames Gateway, which straddles both London and Medway, and have established the Urban Renaissance Institute at the Medway Campus to develop programmes and courses for professionals involved in local regeneration.

## • We support arts and culture

Each year, the university opens its most distinguished buildings to the public as part of the Open House London architectural festival. Greenwich Campus has hosted special events for Black History Month and is the home of the Stephen Lawrence Gallery, which showcases the work of artists from all backgrounds. Students and staff can join the university's swing band or university choir.

## • You may meet some famous faces

The Old Royal Naval College, of which Greenwich Campus is a part, is a popular location for TV and film productions. Harrison Ford, Johnny Depp, Nicole Kidman, Kim Cattrall and Jude Law have all filmed on site.



“My programme really opened some doors. After completing the degree, I was promoted to global risk director for a major FTSE 100 company. I then headed up

Global Operations and relocated to the US, where I am now VP operations for a global manufacturing business.”

### **Stefan Polywka**

MSc Occupational Safety and Health (2007)



“The programme covered both technical and business-related courses through well-structured lectures – a combination that was challenging yet

rewarding. The hard work has really paid off: I am a lot more confident now and joined Ernst & Young in Jordan three months after graduation.”

### **Shirin Afifi**

MSc Data Warehousing and Data Mining (2010)



“I studied my postgraduate programme part-time, which allowed me to carry on working at Cummins Power Generation as a Mechanical Engineer.

I was able to relate to the courses I studied and apply them in the workplace. The programme helped me to steer my career path from engineer/designer to engineering manager, which has led me to work on multi-billion-dollar engineering and construction projects.”

### **Jonathan Wilson**

MSc Mechanical & Manufacturing Engineering (2004)



# About the university

## Our campuses

### Avery Hill

#### *Schools on campus*

- Architecture & Construction
- Education
- Health & Social Care

Avery Hill Campus, in Eltham, south-east London, occupies two locations - Mansion Site and Southwood Site.

Impressive facilities include David Fussey Building, which houses a sports and teaching centre with a sports hall and 220-seat lecture theatre, and clinical skills laboratories that replicate NHS wards, enabling health trainees to get real hands-on experience. Other facilities include computing labs, a TV studio, a bookshop and an extensive library.

The student village on Southwood Site provides a shop, launderette, gym, restaurant, sports hall and accommodation. Nearby are a sports-themed bar, football and rugby pitches, and an indoor

football facility shared with Charlton Athletic Football Club.

### Greenwich

#### *Schools on campus*

- Business
- Computing & Mathematical Sciences
- Education
- Greenwich Maritime Institute
- Humanities & Social Sciences

Greenwich Campus is on a World Heritage Site on the banks of the Thames and is centred on three baroque buildings designed by Sir Christopher Wren, the architect of St Paul's Cathedral.

The library has an extensive collection of books and journals, as well as language laboratories, computing facilities and a bookshop. Specialist computing labs, a TV studio and editing suites are also on site.

The campus has two coffee bars, a restaurant and a cafe/canteen. Cooper Building, the home of



the university's students' union, is a short walk from the campus and houses the union shop and union bar.

The campus will provide administrative facilities for the London Olympics in 2012 and is in one of the official Olympic zones.

## Medway

### *Schools on campus*

- Business Information Technology & Enterprise
- Engineering
- Health & Social Care
- Natural Resources Institute
- Pharmacy (with the University of Kent)
- Science

This splendid Edwardian redbrick and ivy-clad campus has benefited from £50 million in investment since 1996 and is a major higher education centre in the Medway region.

Central to these developments are new laboratories and a magnificent learning resource centre, the Drill Hall Library, which houses a library, computing facilities and teaching rooms.

The site also includes a restaurant, bistro-style café, gym, shop, campus bar and facilities for the Universities at Medway Students' Association.

## Further information

For detailed travel information, including individual campus maps and directions, visit [www.gre.ac.uk/travel](http://www.gre.ac.uk/travel). You will also find travel tips and useful information about using public transport, getting around by bus, bike and on foot, and travelling from overseas.

For videos and information about the facilities on each campus, visit [www.gre.ac.uk/about/campus](http://www.gre.ac.uk/about/campus).

For more on what is available in the areas around our campuses, visit [www.gre.ac.uk/explorer](http://www.gre.ac.uk/explorer).

## Accommodation

The university provides approximately 2,300 places in halls of residence on or near the main campuses. We offer single study bedrooms in self-catering flats with either shared or en-suite

bathroom facilities, as well as a limited number of self-contained studio flats in Greenwich.

## Guarantee

The university guarantees accommodation in a hall of residence providing that:

- You are coming to the university for the first time.
- Your application form is received before the deadline (usually late August in the year of entry). Please check [www.gre.ac.uk/accommodation](http://www.gre.ac.uk/accommodation) for specific information.
- You are a full-time student attending for the standard academic session (September to June), and have accepted your offer of a place of study.

The guarantee does not apply to students based at partner colleges, who should contact their colleges for assistance.

## Private sector

The university's accommodation office maintains a database of private accommodation for rent.

Contact us or visit [www.greenwichstudentpad.co.uk](http://www.greenwichstudentpad.co.uk) (for Avery Hill or Greenwich properties) or [www.medwaystudentpad.co.uk](http://www.medwaystudentpad.co.uk) (for Medway).

Please contact the accommodation office for a password to access these listings.

## Disabled students

Disabled students are given priority when places in halls are allocated. For further information, see page 9.

## Further information

If possible, visit the accommodation during the summer vacation. For more information, visit [www.gre.ac.uk/accommodation](http://www.gre.ac.uk/accommodation).

## Student support

The university's Office of Student Affairs provides a wide range of services through its Student Centres. For further information, see below or log on to [www.gre.ac.uk/students](http://www.gre.ac.uk/students).

### Student Support Programme

The university constantly works to improve its students' experience. Our Student Support Programme provides up to 1,000 part-time jobs within the university, and access to thousands of local jobs via our Jobshop. This provides exceptional opportunities for our students, enabling them to achieve excellence in their chosen discipline.

### Equal opportunities

The university is committed to equality of opportunity. Support includes counselling, employability support, disability and dyslexia learning support and advice for international students and care leavers.

### Careers and volunteering

Our Guidance & Employability Team (GET) helps students to find temporary, part-time and vacation work. We also provide individual career interviews, drop-in sessions, workshops and on-line careers resources. We help you to choose option courses, prepare your CV and practise for interviews and psychometric assessments.

We provide volunteering opportunities which enable students to gain valuable skills and experience. For more information, visit [www.gre.ac.uk/get](http://www.gre.ac.uk/get).

### Childcare

You can request a place for your child at the Avery Hill Nursery (for children aged 2-5 years), though we cannot guarantee a place. We also offer advice on other forms of childcare placement. Telephone the nursery manager on 020 8294 2152 for details.

### Medical service

We have a medical centre at Avery Hill (telephone 020 8850 9680) and work closely with GPs near the Greenwich and Medway Campuses. You should register with a doctor close to where you are living. Student Affairs can advise on

registration, and chemists can provide lists of local doctors.

### Counselling and chaplaincy

Our counselling service provides confidential and workshop support throughout the year for students who require emotional support. Our chaplaincy supports students of all faiths and spiritual traditions. Most campuses have a prayer room and chaplains can provide information about local places of worship for all religions. There are a wide variety of student faith groups, international student cafes and social networking events.

### Study skills

Personal tutors provide tutorial support, study advice and sessions with individual students. Some programmes provide help for students whose first language is not English. Advice on specific learning issues is provided through the Disability & Dyslexia Centre.

### Meeting individual needs

The university prides itself on its diverse student body - it is one reason students find it an exciting place to study.

### International students

The International Office provides information and advice, and interviews international students overseas. Our overseas representatives can help you apply for a visa or university place.

We accept many overseas qualifications. Check our website to see if yours are listed. If not, apply with detailed information about your studies. Our standard English language requirement is IELTS 6.0, but there are exceptions.

Student Centres have dedicated staff to advise you once you are in the UK including international advisers, and each year we provide an orientation and induction programme.

For further information, please e-mail [international@gre.ac.uk](mailto:international@gre.ac.uk), telephone +44 (0)20 8331 8136, fax +44 (0)20 8331 8625 or log on to [www.gre.ac.uk/international](http://www.gre.ac.uk/international).

## Mature students

Mature students are over 21 years of age at the start of their programme. We encourage mature students to apply, even if they have no formal qualifications, and ensure that their life skills and work experience are taken into account. Mature students with advanced study may be admitted directly into programmes in the second year or later. We welcome applicants who have successfully completed a 'kitemarked' access course.

## Part-time students

The majority of our programmes offer flexible part-time study, such as evening attendance or attendance for as little as one day a week. For specific details, see the Subject A to Z.

## Disabled students

The university welcomes applications from disabled people and is committed to enabling disabled students to succeed. Our Disability & Dyslexia Centre can assist with your application, studies and requirements for equipment. We also offer assessments for Disabled students' allowances.

University residences include accommodation adapted for people with special needs, and we may be able to make further adaptations for particular requirements. We strongly encourage disabled applicants to visit before applying.

If you have difficulties with mobility (particularly if you require wheelchair access), or are registered blind or have severe or profound hearing loss, please contact us as soon as possible after submitting your UCAS form so we have time to arrange specialist support. Delays may mean we have to ask you to defer your application until funding issues have been resolved.

For more information, call 020 8331 7875 or e-mail [d-centre@gre.ac.uk](mailto:d-centre@gre.ac.uk). The centre is affiliated to 'Skill', the National Bureau for Students with Disabilities, and information on the university can be found on the Skill database.





## The students' unions

The University of Greenwich is served by two students' unions: students at Greenwich and Avery Hill are represented by the Students' Union University of Greenwich (SUUG), while those at Medway are represented by both SUUG and the Universities at Medway Students' Association (UMSA).

Both unions are here to give you the best possible student experience. They do this by offering representation, advice, services and a range of sporting and social activities.

You will automatically become a member of one or both of the students' unions, unless you choose to opt out, and this will give you full access to all union services and activities. It also means that you can vote and even stand in union elections. Being a students' union member, and therefore also a member of the National Union of Students, means that you can access various student discounts both locally and nationally.

### Representation

The main purpose of a students' union is to represent the student voice. Both SUUG and UMSA are run by students for students and are independent of the university. Student sabbatical officers, who run the union, are elected by the students themselves.

### Advice

A free, confidential and impartial advice service is available on all of our campuses. You can ask for advice on a range of topics, including financial matters, academic issues, housing and immigration. You can contact a professional adviser by e-mail or phone, or attend a pre-booked appointment, drop-in session or workshop.

### Services

The unions run various bars and cafés to help you to escape the pressures of study, meet friends and get to know new people. Each venue has its own unique atmosphere and offers regular entertainment, including club nights, 'open mic' nights, karaoke, quiz nights and fancy-dress events.

Each campus also has its own union-run convenience store, where you can stock up on groceries, snacks, drinks, course materials, newspapers and magazines - everything you would expect from a local shop.

## Clubs and societies

Both unions provide a variety of clubs and societies, all of which are run by student volunteers. You can find out more and sign up during the Freshers' Fair (held at the start of term in your first year).

There are more than 50 societies across the campuses to choose from. These cover everything from the political to the cultural, from the religious to the bizarre, and from the programme-related to the social. Popular and long-standing societies include the Afro-Caribbean Society, the Drama Society and the Christian Union. New societies are regularly introduced; among recent additions are the Nigerian Society, Radio Society, Taiwanese Society and Amnesty International. If you cannot find a society you are interested in, you can easily set up your own. If you have enough students to meet demand, we will help you do the rest.

## Sport

Sport is a great way to get involved in student life, and it helps you meet new people and keep fit. There are lots of sports clubs to choose from, including clubs for football, cricket, netball, rugby, hockey, American football, tennis, badminton, basketball and table tennis. Most sports clubs play every Wednesday and compete in the British Universities & Colleges Sport league.

## Other social activities

There are also lots of opportunities to get involved in the student media. Whether you want to contribute articles to the student newspaper or magazine, or take photographs, you will be welcome. You are also encouraged to volunteer and run your own projects and events. You could fundraise for charity with the RAG team, run a club night, host a Diwali party or organise a conference.

For more information on our unions, log on to [www.suug.co.uk](http://www.suug.co.uk) and [www.umsa.org.uk](http://www.umsa.org.uk).





# Schools and institutes

## Schools

### Architecture & Construction

Avery Hill Campus

Our programmes lead to exciting, creative careers, and our graduates enjoy a high reputation with employers. Our programmes are accredited by relevant professional bodies, and our emphasis on teaching, research and consultancy helps to ensure that our programmes are strongly linked to the professions and industry. Many of our students work on projects with our home and overseas partners or take UK or overseas field courses.

The School scored highly in the 2009 Research Assessment Exercise, with 80% of our work recognised internationally. Our students and alumni have won national and international prizes and awards in subjects such as architecture, landscape architecture, graphic and digital design, and surveying.

The School has a strong commitment to basic and applied research, and has three major research groupings: sustainable environment (including urban studies, landscape planning, landscape studies, real estate and design); sustainable building (including facilities management, construction technology, construction management and economics); and design (including digital design, art and design, computation and design, advanced professional practice, theory and history).

[www.gre.ac.uk/arc](http://www.gre.ac.uk/arc)

## Business

Greenwich Campus

Our students acquire skills that are highly valued by employers and learn to solve business problems using a combination of practical and theoretical understanding. Innovative online resources such as business simulation exercises supplement traditional teaching, and we provide access to industry through guest presentations, lectures and company visits. We also have links

with professional bodies. Our academics have held senior positions in many well-established companies, many of which are household names, and are at the forefront of advanced business practice.

We have 35 years' experience running Master's degrees and were one of the first universities to develop a part-time MBA. Our PhD programme provides training in research methods, and our innovative Business MA by Research combines taught elements with a substantial dissertation.

Our research programme is principally focused on work and employment relations, organisational complexity, public sector governance and cultural industries management. We have a growing national and international reputation through major contracts from government organisations and international trades unions. We have the largest concentration of business network analysis in the UK, with specialist expertise in the social network analysis of organisations.

[www.gre.ac.uk/business](http://www.gre.ac.uk/business)

## Computing & Mathematical Sciences

Greenwich Campus

We are recognised for our cutting-edge research and innovative curriculum development. We pride ourselves on our pastoral care, which includes a personal tutoring system, and have won awards for teaching personal and professional skills to students. Our research and consultancy ensure that our programmes are relevant to industry. Students can study for industry-certified short courses alongside their degrees, and many of our programmes are accredited by the British Computer Society. Many of our students go on to top graduate positions with leading employers.

Over 70 of our staff are engaged in research and enterprise activities, which are undertaken within six centres covering numerical modelling and process analysis; computer and computational science; e-learning, mobile multimedia and interaction design; computer security and audit; numerical and applied mathematics; and applied statistics and systems modelling.

Activities undertaken include government-funded research projects, consultancy supported by

industry and Knowledge Transfer Partnerships.

Our outstanding research has been recognised by a number of awards, including a Queen's Anniversary Prize and Outstanding Engineering Research Team of the Year, Times Higher Education Awards 2009.

[www.gre.ac.uk/cms](http://www.gre.ac.uk/cms)

## Education

Avery Hill and Greenwich Campuses

We are a large, innovative and friendly School. Many of our students begin their relationship with us by studying for an initial teaching qualification. We also offer programmes in education and related areas, including PE and sport, and youth and community studies. To meet the needs of those intending to teach in different phases of education (primary schools, secondary schools and other educational training environments), we



offer awards that include a recommendation for Qualified Teacher Status, as well as qualifications for teaching in further and higher education.

The success of our Doctorate in Education programme has helped us to develop a vibrant professional research network. On many projects, we work closely with colleagues from other organisations, including colleges of further education.

Many of our lecturers are active researchers with a wide range of interests. These include approaches to teaching and learning, management and leadership in education and training organisations, professional development of individuals and organisations, comparative education and training in Europe and international contexts, education policy, and student experience.

[www.gre.ac.uk/education](http://www.gre.ac.uk/education)

## Engineering

Medway Campus

Engineering has been at the heart of our institution since its foundation in 1890. One of the School's key strengths is its broad range of specialisms (computer and communications engineering, civil engineering, electronic engineering, mechanical engineering, product design and engineering management). Our strong links with employers, plus our research and investment in facilities, ensure that our programmes reflect the needs of industry.

Research is organised into a number of groups. The Wolfson Centre for Bulk Solids Handling Technology has an international reputation for work in bulk particulate handling, storage and transportation. The Infrastructure Management Research Group, works on testing and analysing concrete and concrete structure, including degradation and failure analysis and the management of maintenance. The Innovative Product Development Group investigates strategic problems in the critical stages of new product introduction and development. The Electronics Manufacturing Engineering Research Group has a number of research areas, including electronics manufacturing and assembly, materials characterisation and supply chain management. The Computer & Communications Engineering



Research Group works on topics such as agent-based simulation, computer network security and intelligent learning environments.

[www.gre.ac.uk/engineering](http://www.gre.ac.uk/engineering)

## Health & Social Care

Avery Hill and Medway Campuses

The School provides educational opportunities for a wide range of health and social care professionals and healthcare workers. Our academic staff have strong links with local NHS trusts and other health and social care providers, ensuring our programmes reflect current practice.

Research is under three broad themes: primary care, the organisation and delivery of health and social care, and education and training of health and social care professionals.

Staff research interests include health promotion, health service provision, complementary therapies,



ADHD, and emotional and behavioural difficulties in children.

The Centre for Health Research & Evaluation offers a multidisciplinary approach to research, covering disciplines such as social science, public health, primary care, nursing, midwifery, physiotherapy, complementary medicine, counselling and psychology. Its members have considerable expertise and experience in research methodologies.

The Centre for Research & Development has a reputation for high-quality research and successfully combines programmes of research of national and international significance with work designed to meet the needs of local health and social care providers and education.

[www.gre.ac.uk/health](http://www.gre.ac.uk/health)

## Humanities & Social Sciences

Greenwich Campus

We are a large and dynamic School with over 2,000 students. We have taught at Master's level since 1976 and offer a range of postgraduate opportunities, including taught Master's and an MA by Research.

We have an impressive record of supervising MPhil and PhD research and welcome enquiries from those interested in registering for one of these degrees in the constituent areas of the humanities, sociology and law. Applications should be accompanied by a topic outline of approximately 500 words.

Our teaching staff includes criminologists, policy developers, lawyers, sociologists and writers, and our postgraduate teaching and supervision draw on their research and consultancy expertise. Our lecturers research and publish on a wide range of subjects. Particular areas of strength are culture, communication and media studies, history, philosophy, linguistics, sociology, criminology and law. This research has attracted research grants from organisations such as the Economic and Social Research Council, the European Union and the World Bank. A review of the destination of our postgraduate students shows 94% find employment on completion of their programme.

[www.gre.ac.uk/humanities](http://www.gre.ac.uk/humanities)

## Pharmacy

Medway Campus

The Medway School of Pharmacy is the only regional school of pharmacy in the UK and is a collaboration between the University of Greenwich and the University of Kent. We run a number of postgraduate programmes, some of which are validated by the Royal Pharmaceutical Society of Great Britain, the Health Professions Council and the Nursing and Midwifery Council. We have strong links with employers, including GlaxoSmithKline and Smith & Nephew. Our students rated their education as amongst the best in the country: 97% of final-year undergraduates said they were 'satisfied' or 'very satisfied' with their education.

Research covers three broad areas: pharmacology and cell and molecular biology; chemical and pharmaceutical sciences, covering topics





including medical chemistry, drug delivery and particle engineering; and pharmacy practice, which focuses on rational cost-effective prescribing and evaluation of new models of practice.

£3 million has already been invested in new laboratories and resources and this will rise to over £6 million. These facilities offer an excellent opportunity to study at MPhil/PhD and postdoctoral level.

[www.msp.ac.uk](http://www.msp.ac.uk)

## Science

Medway Campus

The School's range of disciplines provides a broad variety of taught Master's and research degree programmes. In addition to specifically titled programmes, we offer the MSc by Research, which students can adapt to their individual interests or professional requirements.

We have strong links with employers such as GlaxoSmithKline, ICI, Proctor & Gamble and BP. These links underpin our programmes and enhance students' employment prospects.

We have a thriving research base which has brought us multimillion-pound funding from business and government. Research areas include novel methods of drug delivery, molecular biology, nutritional immunology, biomedical sciences, pharmacology, the chemistry of natural products, biophysics and biochemistry of biopolymer-ligand interactions, performance analysis of elite athletes, inorganic polymers, biocompatible materials, responsible tourism, geographical information systems, environmental conservation, geology, and food safety and quality management.

Our consultancy group, Medway Sciences, is a centre of excellence in pre-formulation and formulation studies and has strong industrial support (currently in the order of £700,000 per year). MPhil, MSc and PhD students work in the department, which also employs several postdoctoral fellows.

[www.gre.ac.uk/science](http://www.gre.ac.uk/science)

## Institutes

### Greenwich Maritime Institute

Greenwich Campus

The institute is a specialist research and postgraduate teaching centre for maritime studies and promotes understanding of maritime activity at both national and international levels. We offer three taught postgraduate programmes as well as MPhil/PhD degrees. Our students are from a wide range of backgrounds: some are experienced professionals, while others have recently gained a first degree. All benefit from the opportunity to meet others with the same interest in the sea.

We have a strong research focus, with all staff actively involved in research and/or consultancy. Current sponsors include the Leverhulme Trust and a major trades union organisation. We run our own monthly research seminars, regularly organise international conferences and maintain contacts with scholars in universities across the world. In most years, an overseas visiting honorary research fellow is based with us.

We keep in touch with developments in the maritime sector through our advisory committee, which represents specialist professional interests. Certain programmes are accredited by the Institute of Chartered Shipbrokers. We also have links to the museum sector, in particular the National Maritime Museum.

[www.gre.ac.uk/gmi](http://www.gre.ac.uk/gmi)

## Natural Resources Institute

Medway Campus

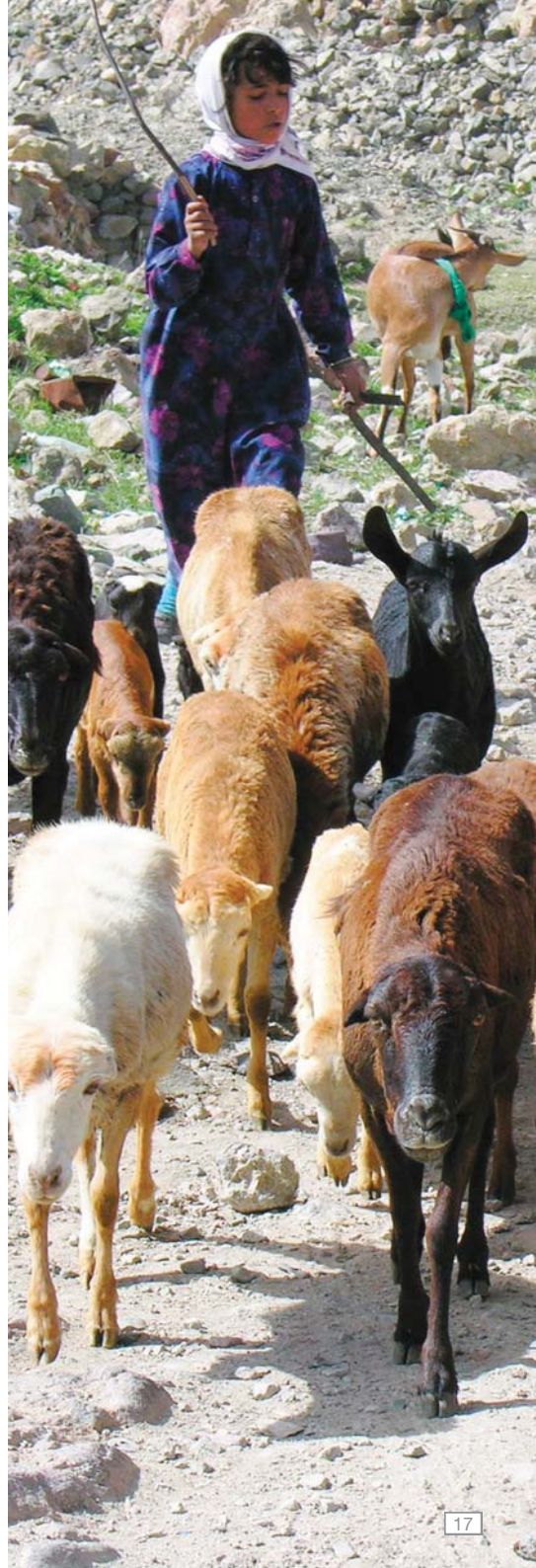
The institute has an international reputation for excellence in teaching, research and consultancy and is a blend of natural and social scientists who are committed to the sustainable development of natural resources for the benefit of local communities.

Much of our work is directed at sustaining livelihoods in the poorest countries, and we have been a force in overseas development for over 100 years. We also have an expanding portfolio of work in the UK and Europe. Our Master's programmes draw upon our research and consultancy as well as our close teaching links with the School of Science.

Research falls into the broad areas of agriculture, food, the environment and natural resources management. These are underpinned by a strong socio-economic capability. Our comparative advantage lies in the wide range of skills that we combine. The international quality and impact of our research related to food security have been recognised by the award of a Queen's Anniversary Prize.

Research funding currently runs at over £5 million a year and comes from a range of sources, including major development donors.

[www.gre.ac.uk/nri](http://www.gre.ac.uk/nri)





## Research

In the main, the university's research effort is focused on making contributions to the solving of real-world problems or the advancement of issues that have a direct bearing on business, industry, regional, national and international communities, and, ultimately, people's lives. Since attaining university status in 1992, Greenwich has invested millions of pounds to develop existing research groups and to create new ones. These groups have rewarded this investment by significantly increasing our income from research grants, consultancy and other related sources to a level that competes strongly with many traditional universities. In terms of quality, a great deal of the research carried out by the university has been acknowledged as nationally and internationally excellent by the latest government Research Assessment Exercise, which evaluates the quality of research undertaken by British higher education institutions.

The university has gained particular praise for research in biological sciences, agriculture, materials, chemistry, computational engineering

and mathematical sciences, sociology, education, statistics and operational research, engineering and history.

The university has a large community of research students undertaking both MPhil and PhD degrees within a postgraduate population of over 6,000. Our students are pursuing both full- and part-time research with sponsorship from research councils, the EU, industry and government. There are also university research bursaries. Some postgraduate students are undertaking Master's by Research qualifications. The university also offers a doctorate in education, which forms part of the university's developing portfolio of professional doctorates.

A research degree involves training in research methods and methodology and the individual execution of a piece of supervised research. It involves the systematic high-level study of a problem or topic and the presentation of the results in the form of a written thesis that may be supported by work in other than written form. The candidate is examined orally on the work

submitted. A research degree is time consuming and demanding but is carried out at Greenwich in the context of established research groups, clustered together to maximise their collaborative potential. For more information, log on to [www.gre.ac.uk/research](http://www.gre.ac.uk/research).

## Research within schools

Research is structured within Schools and departments and led by Directors of Research & Enterprise - senior staff who are experienced in research and successful nationally and internationally within their areas of expertise. They and the students within their Schools are supported by staff from the Office of Student Affairs to ensure that students progress through their programme of research efficiently and in a supported way. The university has established research degree committees at local/School level. These monitor the registration, progression and completion of each student, with appropriate supervisory expertise. Additionally, they oversee a programme of transferable skills in areas such as communication skills, problem solving and team working. For more information, log on to <http://enterprise.gre.ac.uk>.

## Examples of research

### Life-saving research listed in top ten discoveries

A research breakthrough at the University of Greenwich has been named as one of the ten most important discoveries to be made in a UK university over the past 60 years. A poll of UK academics recognised the university's work on controlling the tsetse fly in Africa, which is helping to combat the fatal disease sleeping sickness.

Researchers at the university's Natural Resources Institute invented a novel artificial cow that attracts and kills tsetse. It was voted as the eighth most important breakthrough in a list of innovations, theories and technologies pioneered in UK higher education.

A Greenwich team has undertaken subsequent work on tsetse, which transmits diseases that kill 30,000 people and two million cattle in Africa every year. This has used DNA fingerprinting to study tsetse as they feed on real cows and has led



Research and enterprise at the University of Greenwich is one of the most rapidly growing areas of our work. We have a vibrant

postgraduate community across all of our Schools, the volume of our research activity is increasing by more than 30% each year, and we are experiencing rapid growth in support from outside industry, business and other funding bodies. Our university has also seen an increase in the government block grant for research of 123% as a result of the latest Research Assessment Exercise.

The university undertakes research in many different fields. We have traditionally had a strong emphasis on science, engineering and computer science, and our researchers are regularly recognised for their achievements, both nationally and internationally. Our Natural Resources Institute is one of the largest research groupings of its kind in the country and is renowned for its work supporting the agricultural and food production systems of developing countries. We also have strong research groupings in psychology, sustainable living and regional development. Finally, we are developing new research initiatives in health and social care and humanities and the creative arts, which we believe will complement and enhance our overall research profile.

The university is an exciting place to work on research – I hope you will join us.

A handwritten signature in black ink that reads "Tom Barnes". The signature is fluid and cursive, with a small flourish at the end.

**Tom Barnes**  
Deputy Vice-Chancellor  
(Research & Enterprise)

to an understanding of how and when to spray and treat cattle with insecticides. The combined use of real and artificial cows is being used to control tsetse in various countries in south and east Africa.

## Greenwich helps launch unique research project into ship evacuations

A research team led by the University of Greenwich has carried out a ground-breaking experiment in ship evacuation and safety procedures which could set the benchmark for future maritime law. The research team comprised 11 members of the SAFEGUARD project, which is funded by the EU's Seventh Framework Programme.

The university's Fire Safety Engineering Group ran its unprecedented research project on board the Royal Caribbean international cruise ship *Jewel of the Seas* in which more than 2,300 passengers took part in a 'live' assembly drill while at sea.

Passengers wore infra-red tracking tags during the exercise, enabling researchers to track each person's movements and reconstruct the paths people took as they made their way to the assembly points. Passengers' response times were measured by video cameras positioned by the research team.

Although passengers were told the day before that there would be a drill, they were largely unprepared, and so were spread throughout the ship when the alarm sounded. This gave researchers far more realistic data than would otherwise have been possible: typical assembly trials are heavily announced beforehand and take place before the ship sails; passengers may even wait at assembly points for drills to begin.

The research will help shape future maritime law and, ultimately, by informing the design of better and safer ships, will help save lives.

## Researcher recognised for contribution to European aerospace technology

A University of Greenwich postgraduate research student has won the Best PhD Research Prize at the IMPRESS project meeting held in Budapest, Hungary. Dr Hong Wang, from the School of Computing & Mathematical Sciences, has been recognised for the quality of her research work on casting complex turbine blades for use in the aerospace and power generation industries. Her

work formed part of the 40 million IMPRESS project, which was funded by the EU and European Space Agency to overcome current limitations in materials technology. The initiative involves over 40 industrial and academic research organisations across Europe.

## Lottery grant to help improve the lives of LGBT young people

An award of £500,000 from the Big Lottery Fund Research Programme will fund a national survey across England of 15,000 lesbian, gay, bisexual and transgender (LGBT) young people aged 16 to 24. They will be asked their views in two surveys and in a number of focus groups.

The award was won by the University of Greenwich, Ergo Consulting, which provides strategic consultancy on major projects, and the Metro Centre, an organisation that leads the way on LGBT issues in the UK.

LGBT young people are more likely to have mental health, drug and alcohol problems and self-harm and attempt suicide. The results of the survey will be shared with decision makers and organisations that provide services to young people.

## Greenwich helps boost Namibia's economy

Namibia's rich source of natural oils, fruits and wild plants are in increasing demand for their cosmetic, medicinal and health-giving properties. Sustainable farming and harvesting experts from the university's Natural Resources Institute are working with Namibian non-government organisations and local producers to bring their harvests to the global market and boost their economy.

The institute is helping develop sustainable harvesting and production systems for indigenous plants and fruits and assisting local producers to build their capacity for high-quality produce, enabling them to compete in a global marketplace while receiving a fair price for their harvests.

## Further information

For more information about our research programmes and examples of our research successes, visit [www.gre.ac.uk/research](http://www.gre.ac.uk/research).



# Choosing your programme

## Programme structure

Your programme will comprise a number of courses. Although based in one particular School, you may be able to study courses from across the university. These will usually be at Master's level.

## Qualifications

The standard qualification for a postgraduate programme is a good first degree, usually 2.1 or above (or equivalent), in a relevant subject.

Additional requirements specific to a programme or School are listed in the Subject A to Z.

We offer a pre-Master's programme for eligible international students whose academic qualifications and language level do not satisfy the direct entry criteria for a Master's degree.

For information on overseas qualifications, contact the Enquiry Unit. Alternatively, if you are from outside the EU, contact the International Office.

## Credit for other learning

We recognise that learning takes place in both formal and informal settings. You may have attended courses or obtained other awards that relate to your chosen programme. In such cases, we may be able to accredit your former learning against your programme of study. Please seek advice when applying.

## Our partners

For more information on programmes offered at our partner colleges, visit [www.alra.co.uk](http://www.alra.co.uk) or [www.hadlow.ac.uk](http://www.hadlow.ac.uk).

## Start dates

Programmes start in September unless otherwise indicated.

# Subject A to Z

## How to use this section

The Subject A to Z lists the programmes offered by the University of Greenwich. These programmes are grouped in broad subject areas, which are arranged alphabetically. Subject areas are listed below.

## Why do we do it this way?

Arrangement in subject order allows you to view a subject offered by more than one School without having to flick backwards and forwards through the prospectus. We have over 180 programmes and we want to ensure that making your choice is as easy as possible.

The screenshot shows a webpage for the 'Accounting and Finance' programme. It includes sections for 'Key facts', 'Entry requirements', 'Assessment', and 'Professional recognition'. Numbered callouts 1 through 6 point to specific parts of the page: 1 points to the subject heading, 2 to the programme title and qualification, 3 to the programme description, 4 to the programme content, 5 to the programme details, and 6 to the professional recognition section.

- 1 **Subject heading**
- 2 **Programme title and qualification**
- 3 **Programme description**
- 4 **Programme content**
- 5 **Programme details**  
Information to help you make your choice.
- 6 **Professional recognition**  
Where programmes are recognised by professional bodies this is indicated.

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# Accounting and Finance

## PGDip/MSc

The programme is designed for students wanting to extend their expertise in the fields of accounting and finance. The programme involves an intensive study of the core disciplines of accounting and finance. There are many different career opportunities for accounting and finance specialists.

Industry experts provide guest lectures, career development advice, off-site visits, and curriculum input. Practitioners are involved in developing content and teaching on various courses including Project Finance. As part of our continuing guest lecture series, senior executives from Northern Trust and Barclays have presented to a broad audience of academics, and undergraduate, postgraduate and research students.

The MSc Finance suite of programmes has a typical intake of over 100 students. It is common to find a minimum of 30 nationalities represented.

Aims of the programme:

- To enable students to become competent and thoughtful practitioners in this case in the wider field of finance and accounting.
- To develop students reflective, critical and evaluative thinking and judgement and to expose them to contemporary issues in the field through teaching which is strongly supported by research and professional practice.
- To provide a flexible programme which delivers a strong theoretical underpinning in accounting and finance through compulsory courses and which enables students to pursue coherently related areas of specialism through chosen areas of academic study, option choices and a dissertation title.

## Content

- Financial Management (30 credits)
- International Financial Accounting and Reporting (30 credits)
- Accounting for Performance and Control (30 credits)
- Research Methods (15 credits)
- Foundations of Scholarship (15 credits)
- Dissertation (45 credits)

One 15-credit option chosen from:

- Project Finance
- Financial Analysis and Investment
- Corporate Governance, Assurance and Audit

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time  
2 years part-time

For part-time attendance also refer to MSc Finance (Executive Part-time).

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

- Students who were educated in a language other than English should demonstrate an IELTS score of 6.5 or above.
- Students alternatively can enter via the University of Greenwich International Pre-Master's Programme.

### Assessment

Students will be assessed with examinations, coursework and a dissertation.

### Professional recognition

Exemption from papers F1 to F4 of the Association of Chartered Certified Accountants. Exemption of 60 credits from the Chartered Insurance Institute Advanced Diplomas.

### Career options

The degree provides a good stepping stone to a career in accountancy, especially as accountants in commerce and industry, and also provides students who are seeking positions in the finance industry with both specialist finance knowledge and the necessary level of understanding of accounting. In recent years employers of our graduates have included First City Merchant Bank and JPMorgan.

# Finance and Investment

## MSc

Based on the Greenwich Campus and situated within minutes of the financial centre of Canary Wharf, this programme provides rigorous coverage of the areas of finance and investment. Ideal for students who are either working or targeting a career in the finance industry, the programme is designed to help prepare students for chartered financial analyst (CFA) examinations. This prestigious qualification is becoming increasingly popular in key financial centres such as London, Hong Kong, Shanghai and Singapore.

The syllabus covers all key theoretical areas of finance and investment analysis. It also focuses strongly on the development of the analytical skills needed by the finance industry. Students are taught by academic staff with recent practitioner experience and strong research interests in finance. The dissertation, which focuses on data analysis of financial markets, provides a key practical underpinning for the large body of theory covered. This is a demanding programme that is particularly suitable for students motivated to undertake both an academic and professional qualification.

The programme is an MSc Finance pathway which also supports students taking CFA Level 1 and 2 examinations. By taking MSc courses, students are simultaneously preparing themselves for CFA exams. However, while it is hoped and envisaged that many students will successfully complete the CFA qualification subsequent to their graduation, it is important to stress that this MSc is primarily an academic Master's qualification in the areas of finance and investment analysis. The support provided for the professional qualification is very important but is secondary to the requirement to develop and demonstrate learning and skills appropriate to the level of study.

Aims of the programme:

- To enable students to become competent and thoughtful practitioners in the field of finance and accounting.
- To develop student's reflective, critical and evaluative thinking and judgement and to expose them to contemporary issues in the field through teaching which is strongly supported by research and professional practice.
- To provide an intellectually demanding academic programme of study which emphasises the student's ability to analyse, synthesise and evaluate key theoretical underpinning in finance through compulsory courses and which enables students to pursue coherently related areas of specialism through chosen areas of academic study through option choices and a dissertation title.

## Content

- Financial Management (30 credits)
- Financial Markets and Risk (30 credits)
- Investment Management (30 credits)
- Financial Analysis and Investment (15 credits)
- Foundations of Scholarship (15 credits)
- Research Methods (15 credits)
- Dissertation (45 credits)

## Key facts

**School** Business

**Location** Greenwich Campus

**Attendance**

- 1 year full-time
- 2 years part-time

**Entry requirements**

Applicants should have:

**EITHER** a good relevant/numerate first degree (usually 2.1 or an equivalent qualification) from a recognised university

**OR** other appropriate qualifications and relevant work experience.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

**Specialist equipment/facilities**

Students can access a comprehensive financial markets database.

**Assessment**

Students are assessed via examinations, coursework and a dissertation.

**Professional recognition**

Successful graduates from this programme have an exemption of 60 credits from a Chartered Insurance Institute Advanced Diploma.

**Career options**

Graduates can pursue careers in investment and financial analysis. The programme is also designed to help prepare students for the chartered financial analyst qualification, which is in great demand in many areas of the finance industry.

# Finance (Executive Part-Time)

## PGDip/MSc

This part-time programme is ideal for those seeking a management career in the finance area. It is specially designed for individuals who wish to study while continuing to be employed. Part-time study on the MSc is based on the same structure and timetable as our full-time programmes but is completed over a two-year period.

The final awarded title (e.g. MSc Accounting and Finance, MSc Financial Management) will be the same as the full-time programmes, and will be dependent on the courses selected by the student.

The programme is ideally suited to students with a business, economics or numerate background.

Students will negotiate their individual timetable with the programme leader. A typical student will choose two 30-credit courses each year.

## Content

The content of each programme is the same as for the full-time programmes. Courses include:

- Financial Management (30 credits)
- Foundations of Scholarship (15 credits)
- Research Methods (15 credits)
- Dissertation (45 credits)

The above are the core courses (total 105 credits). For details of the other courses please refer to the programme details. Students will need to complete 180 credits in total.

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

2 years part-time

Part-time attendance is one evening and one morning and/or afternoon

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.
- Candidates with accounting and finance professional qualifications are also welcome to apply.

### Assessment

Students are assessed through examinations, coursework and a dissertation.

### Professional recognition

Successful graduates are exempt of 60 credits from the Chartered Insurance Institute Advanced Diplomas.

### Career options

Graduates can pursue opportunities in the administrative and management areas of the finance industry and also in financial services.

# Financial Management

## PGDip/MSc

This programme is ideal for those seeking a management career in the finance area. It is ideally suited to students with a business, economics or numerate background. The programme focuses heavily on core areas of finance; it also provides an intensive course in accounting for those students who do not have an accounting background.

The MSc Financial Management programme will equip you with a strong foundation in finance theory, and provide the experience and skills that employers demand. There are countless career opportunities in finance for flexible, high-calibre students with good numerical skills.

Industry experts provide guest lectures, career development advice, off-site visits, and curriculum input. Practitioners are involved in developing content and teaching on various courses including Project Finance, Topics in Risk Management and Financial Trading Techniques. As part of our continuing guest lecture series, senior executives from Northern Trust and Barclays have presented to a broad audience of academics, and undergraduate, postgraduate and research students.

The MSc Finance suite of programmes has a typical intake of over 100 students. It is common to find a minimum of 30 nationalities represented.

Aims of the programme:

- To enable students to become competent and thoughtful practitioners in the wider field of finance.
- To develop students' reflective, critical and evaluative thinking and judgement and to expose them to the contemporary issues in the field through teaching that is strongly supported by research and professional practice.
- To provide an intellectually demanding academic programme of study which emphasises the students' ability to analyse, synthesise and evaluate key theoretical concepts and practical applications in the accounting and finance subject area.
- To provide a flexible programme which delivers a strong theoretical underpinning in finance through compulsory courses and which enables students to pursue coherently related areas of specialism by selecting particular options and a dissertation title.

## Content

- Financial Management (30 credits)
- Financial Markets and Risk (30 credits)
- Principles of Accounting (15 credits)
- Foundations of Scholarship (15 credits)
- Research Methods (15 credits)
- Dissertation (45 credits)

Two options (all 15 credits) chosen from:

- Project Finance
- Portfolio Management
- Topics in Risk Management
- Financial Trading Techniques
- Financial Analysis and Investment
- Corporate Governance, Assurance and Audit

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

- Students educated in a language other than English should have an IELTS score of 6.5 or above, or an equivalent rating in another language system. Alternatively, students can enter via the University of Greenwich International Pre-Master's Programme.

- Candidates with professional qualifications in accounting and finance are also welcome to apply.

### Assessment

Students are assessed through examinations, coursework and a dissertation.

### Professional recognition

Successful graduates are exempt from 60 credits from the Chartered Insurance Institute's Advanced Diplomas.

### Career options

Our students have opportunities in the administrative and management areas of the finance industry and also in financial services. Employers of our graduates include the AES Corporation, Ahorro Corporation, European Dynamics, Headstrong, Piraeus Bank and Polish Telecom.

# International Banking and Finance

## PGDip/MSc

This programme is for students wishing to develop skills and understanding of international banking and finance. It aims to help students improve their ability to analyse and solve problems in the context of modern financial markets. For their dissertation topic, students are given the opportunity to take the theoretical knowledge they have gained and apply it to a practical application.

Industry experts provide guest lectures, career development advice, offsite visits, and curriculum input. Practitioners are involved in developing content and teaching on various courses including Project Finance, Topics in Risk Management and Financial Trading Techniques. As part of our continuing guest lecture series, senior executives from Northern Trust and Barclays have presented to a broad audience of academics, and undergraduate, postgraduate and research students.

The MSc Finance suite of programmes has a typical intake of over 100 students. It is common to find a minimum of 30 nationalities represented.

Aims of the programme:

- To enable students to become competent and thoughtful practitioners in the field of banking and finance.
- To develop students' reflective, critical and evaluative thinking and judgement and to expose them to contemporary issues in the field through teaching that is strongly supported by research and professional practice.
- To provide an intellectually demanding academic programme of study which emphasises the student's ability to synthesise and evaluate key theoretical concepts and practical applications in the accounting and finance subject area.
- To provide a flexible programme which delivers strong theoretical underpinning in banking and finance through compulsory courses and which enables students to pursue coherently related areas of specialism through chosen areas of academic study, option choices and a dissertation title.

## Content

- Financial Management (30 credits)
- Financial Markets and Bank Management (30 credits)
- Global Banking and Financial Management (30 credits)
- Foundations of Scholarship (15 credits)
- Research Methods (15 credits)
- Dissertation (45 credits)

One option (15 credits) from:

- Project Finance
- Topics in Risk Management
- Financial Trading Techniques

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Candidates with accounting and finance professional qualifications are also welcome to apply.

### Assessment

Students are assessed via examinations, coursework and a dissertation.

### Professional recognition

Successful graduates from this programme have an exemption of 60 credits from a Chartered Insurance Institute Advanced Diploma.

### Career options

Graduates have management opportunities in the banking and finance areas. In recent years employers of our graduates have included Barclays Financial Services, Interamerican Bank, Merit Broker House and the National Bank of Greece.

# Food Safety and Quality Management

## PGDip/MSc/MSc by Research

This programme has been designed to provide graduates with an insight into measures that are required to provide a supply of safe and wholesome food to consumers globally. A wide spectrum of food safety and quality management issues are addressed following the 'farm to fork' approach. Topics covered include: good governance and national control systems; food inspection and testing services; legislation and private standards; and management of food safety and quality within the supply chain as well as in hotels and restaurants.

Students gain an understanding of safety and spoilage characteristics of a range of commodities and food products. They also acquire a knowledge of the design and implementation of food safety management systems based upon the Hazard Analysis and Critical Control Point (HACCP) concept.

Individual courses are offered on a stand-alone basis. These are attended by professionals working in the food industry. This gives our postgraduate students the opportunity to interact with and learn from a range of practitioners.

## Content

- Food Safety (30 credits)
- Food Safety and Quality Management (30 credits)
- Research Methods (15 credits)
- Research Project (MSc only) (60 credits)
- Two or three options (45 credits) chosen from a range of themes running across the programme

## Key facts

**School** Natural Resources Institute

**Location** Medway Campus

### Attendance

1 year full-time

2-3 years part-time

Component short courses are available on a stand-alone basis.

See the short courses link at [www.gre.ac.uk/schools/nri/programmes](http://www.gre.ac.uk/schools/nri/programmes) for further information.

### Entry requirements

Applicants should have:

**EITHER** a good relevant first degree from a recognised university

**OR** an equivalent professional qualification

- If you do not have formal entry qualifications, you may be admitted, depending on your work experience and responsibilities.

- Students educated in a language other than English should have an IELTS score of 6.0 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through examinations and coursework.

### Career options

These programmes provide professional development for government officials, environmental health officers and those employed in the food industry, such as food technologists, postharvest technologists, food chemists, food microbiologists and laboratory staff.

# Food Safety and Quality Management (Postharvest Technology)

## PGDip/MSc

This programme has been designed to provide graduates with an insight into measures that are required to provide a supply of safe and wholesome food to consumers globally. A wide spectrum of food safety and quality management issues are addressed following the 'farm to fork' approach. Topics covered include: good governance and national control systems; food inspection and testing services; legislation and private standards; and management of food safety and quality within the supply chain as well as in hotels and restaurants.

Students gain an understanding of safety and spoilage characteristics of a range of commodities and food products. They also acquire a knowledge of the design and implementation of food safety management systems based upon the Hazard Analysis and Critical Control Point (HACCP) concept.

Individual courses are offered on a stand-alone basis. These are attended by professionals working in the food industry. This gives our postgraduate students the opportunity to interact with and learn from a range of practitioners.

## Content

- Postharvest Technology and Economics (30 credits)
- Food Safety and Quality Management (30 credits)
- Research Methods (15 credits)
- Research Project (MSc only) (60 credits)
- Two or three options (45 credits) chosen from a range of themes running across the programme

## Key facts

**School** Natural Resources Institute

**Location** Medway Campus

### Attendance

1 year full-time

2-3 years part-time

Component short courses are available on a stand-alone basis.

See the short courses link at [www.gre.ac.uk/schools/nri/programmes](http://www.gre.ac.uk/schools/nri/programmes) for further information.

### Entry requirements

Applicants should have:

**EITHER** a good relevant first degree from a recognised university

**OR** an equivalent professional qualification

- If you do not have formal entry qualifications, you may be admitted, depending on your work experience and responsibilities.

- Students educated in a language other than English should have an IELTS score of 6.0 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through examinations and coursework.

### Career options

These programmes provide professional development for government officials, environmental health officers and those employed in the food industry, such as food technologists, postharvest technologists, food chemists, food microbiologists and laboratory staff.

# Food Safety and Quality Management (Control Systems and Trade)

## PGDip/MSc

This programme has been designed to provide graduates with an insight into measures that are required to provide a supply of safe and wholesome food to consumers globally. A wide spectrum of food safety and quality management issues are addressed following the 'farm to fork' approach. Topics covered include: good governance and national control systems; food inspection and testing services; legislation and private standards; and management of food safety and quality within the supply chain as well as in hotels and restaurants.

Students gain an understanding of safety and spoilage characteristics of a range of commodities and food products. They also acquire a knowledge of the design and implementation of food safety management systems based upon the Hazard Analysis and Critical Control Point (HACCP) concept.

Individual courses are offered on a stand-alone basis. These are attended by professionals working in the food industry. This gives our postgraduate students the opportunity to interact with and learn from a range of practitioners.

## Content

- Food Safety and Quality Management (30 credits)
- Research Methods (15 credits)
- Research Project (MSc only) (60 credits)
- Two or three options (45 credits) chosen from a range of themes running across the programme

## Key facts

**School** Natural Resources Institute

**Location** Medway Campus

### Attendance

1 year full-time

2-3 years part-time

Component short courses are available on a stand-alone basis.

See the short courses link at [www.gre.ac.uk/schools/nri/programmes](http://www.gre.ac.uk/schools/nri/programmes) for further information.

### Entry requirements

Applicants should have:

**EITHER** a good relevant first degree from a recognised university

**OR** an equivalent professional qualification

- If you do not have formal entry qualifications, you may be admitted, depending on your work experience and responsibilities.
- Students educated in a language other than English should have an IELTS score of 6.0 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through examinations and coursework.

### Career options

These programmes provide professional development for government officials, environmental health officers and those employed in the food industry, such as food technologists, postharvest technologists, food chemists, food microbiologists and laboratory staff.



# Rural Development Dynamics

MA

This programme focuses on deepening understanding of the social and economic aspects of development, including institutional and organisational issues, and their link with technical aspects of rural development service delivery and innovation - a recognised international strength of the Natural Resources Institute. The developing world faces exceptional challenges and many approaches to development are having insufficient impact on reducing levels of poverty, particularly prevalent in rural areas and for women. There is growing awareness and practice of considering human needs and interactions in rural development and the programme addresses the identified need for improved capacity in project design, particularly in research to test the impact of development interventions. The programme comprises in-depth investigation of rural change with study of core concepts and their application as well as a research methods core providing advanced training in social science methodologies and particular applications of these approaches. This includes substantial training in social research principles, approaches and methods, applied research tools for use in diagnostic and baseline studies, situation and gender analysis, process monitoring, evaluation and impact assessment.

Candidates also select two options from a range of specialist courses. Individual interests are further developed through the independent research project, submitted as a dissertation.

Aims of the programme:

- To build critical understanding of social and economic aspects of rural development and their complex interactions.
- To improve rural development practice, including the organisation and delivery of services based on an in-depth analysis of household and field-level issues in development.
- To improve capacity to address issues and opportunities for positive change in rural communities in developing countries.

## Content

### Core courses:

- Social Research Methods 1: Origins and Defining Features of Social Science (30 credits)
- Social Research Methods 2: Advanced Social Research (30 credits)
- Understanding Rural Change: Core Concepts and their Application (30 credits)
- Project Dissertation (60 credits)

### Options:

Specialty courses (a total of 30 credits to be selected from the following):

- Agricultural Innovation for Development (15 credits)
- Corporate Social Responsibility and Natural Resources Management (15 credits)
- Economics, Agriculture and Marketing (15 credits)
- Livestock and Sustainable Agriculture (15 credits)
- Risk Analysis for Agriculture and Environment (15 credits)
- Tools for Sustainability (15 credits)

## Key facts

**School** Natural Resources Institute

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

### Entry Criteria

Applicants should have:

A degree or equivalent professional qualification in an appropriate subject.

- Applicants without a formal entry qualification may be admitted according to their work experience and responsibilities.
- Where English is the second language, an IELTS score of 7.0 or equivalent is required. However, each application is considered on its own merits, so entry requirements may vary. Contact the School for further information.

### Assessment

Each course will include a mix of formative and summative assessments and examinations as appropriate to the subject being studied. These will be drawn from examinations, critical analyses of case studies and problem-solving assignments, presentations and essays.

### Career Options

Graduates can pursue careers with national and international organisations e.g. NRI, Development NGOs, private sector organisations, university and government sectors. The programme is also a route to obtaining an MPhil/PhD studentship.

# Advanced Architectural Design (Top-up)

## MA (subject to validation)

This Advanced Architectural Design programme is for students who have completed at least 120 credits of the Diploma in Architecture. The programme is a one year part-time 'top-up' Masters worth 60 credits. It aims to raise particular aspects of the research and design of the students thesis design project that they have undertaken in the ateliers and units of the Diploma in Architecture, to a more focused and advanced level. These specialised architectural design areas and options could come from a wide range of areas: urban, theoretical, representational, constructional or environmental issues. It creates the opportunity to produce some of the most architectural advanced design in the ateliers and the School. It will build on the School's internationally and professionally recognised prize-winning design work. This MA leads to enhanced architectural career prospects in the profession, and the potential for converting the research into part of a PhD.

Aims of the programme:

- To give the student the environment and support to advance the diploma thesis project or part of it, in an atelier to a focused higher level.
- To create the opportunity to enhance employment opportunities with a major piece of advanced design.
- To be part of, and in discussion with some of the best work in the School and across the world.

## Content

Master's Project (60 credits)

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus/  
Greenwich Campus (dependent on elective choice)

### Attendance

1 year part-time

### Entry requirements

Applicants should have:

Diploma in Architecture, (or at least 120 credits from a postgraduate Diploma Programme)

- Applicants must submit a design portfolio **AND/OR** dissertation work **AND** a 1000 word personal statement on their proposed project/ research proposal.

- Applicants educated in a language other than English should have an IELTS score of 6.5 or above, or an equivalent rating in another language testing system.

### Assessment

Portfolio assessment, and written report.

### Career options

Opportunities include enhanced career prospects for architecture and related professions and potential for further research to a PhD programme in design.

# Architectural Practice

## PGDip (ARB/RIBA Part 3 Exemption)

This programme brings students to the final stage of their architectural training. Upon successful completion, students can apply to join the UK's register of architects. The programme is rooted in the description, explanation and analysis of aspects of current professional practice. It also demands that students examine and debate their own methods of working in the light of taught input. Consequently, applicants should normally be engaged in full-time architectural practice in the UK and be fully prepared to share their experience with their fellow students.

The viva included in this programme is held at the culmination of studies where the candidate demonstrates to examining professionals that they have fully benefited and learned from their prior professional experience.

In the Janus paper ('Looking back, Looking ahead') students review their experience and reflect on what - and how - they've learned from it. They consider their needs for future development and their career plans.

There are mechanisms to allow students, upon written request, to break their studies for personal or professional reasons. This can be done at certain milestones in the programme, provided agreement has been obtained from the School.

### Content

- The Architect and Society
- Architectural Management 1
- Architectural Management 2
- Construction Management
- Case Study
- Janus Paper and Viva

### Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

#### Attendance

Students attend one evening a week during the autumn and spring terms, with occasional visits and one-day specialist courses.

September or January start

#### Entry requirements

Applicants should have:

ARB Part 1 and Part 2.

#### Assessment

Students are assessed through four written papers, presentations, an essay evaluating the student's professional development, a case study on an office project and a viva (a professional interview with experienced examiners).

#### Professional recognition

Successful completion of this programme gives the graduate exemption from ARB/RIBA Part 3 examinations and eligibility to join the ARB register.

#### Career options

After successful completion of this programme, students can pursue careers as architects.

# Architecture

## Dip (ARB/RIBA Part 2 Exemption)

This programme is for graduates with ARB/RIBA Part 1 who wish to gain exemption from ARB/RIBA Part 2. The part-time programme is intended for students working in an architectural practice and requires attendance one day a week over three years. During the programme, students may change from full-time to part-time or vice versa by arrangement with the School.

The diploma programme balances academic and practice concerns; it concentrates on the skills needed to design well, build securely and communicate design ideas. The main discipline is architectural design informed by city and landscape studies, theory and professional practice. The first year design work is both introductory and experimental, with the work varying from urban design and theory to 1:1 technology fabrication. The second year is about developing and synthesising the thesis design in preparation for the students' entry into the next stage of their professional careers.

Students choose an atelier or design group in which to undertake their design work, each group having a different emphasis on landscape, technology and culture. The part-time students develop their thesis design over two years. Students have the option of pursuing an MA in Advanced Architectural Design, a 60 credit part-time 'top-up' to the Diploma programme.

## Content

- City and Landscape Studies (20 credits)
- Design and Detail (40 credits)
- Context/Urban Design (20 credits)
- Influences, Theories and Techniques in Architecture 1 (20 credits)
- Architectural Professional Studies (20 credits)
- Influences, Theories and Techniques in Architecture 2/Dissertation (20 credits)
- Thesis Design Studio 1: Site, Briefing and Technology (60 credits)
- Thesis Design Studio 2: Synthesis - Critical Reflection (40 credits)

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus/  
Greenwich Campus

### Attendance

2 years full-time

3 years part-time (9 hours per week, comprising a full day including the evening)

### Entry requirements

Applicants should have:

A first degree (2.2 or above)

**PLUS** a relevant portfolio including academic and practice work.

### Full-time programme

Applicants must be exempt from the ARB/RIBA Part 1 examination.

### Part-time programme

Applicants must have ARB/RIBA Part 1 examination or equivalent.

- A year of practice in an architects' office is desirable.
- You should be currently employed in architectural practice under the supervision of an architect.
- You should have an academic and practice portfolio of work (originals or certificates), and a statement of support from your office principal, as well as evidence of academic ability and proof that study leave has been granted by your employer.

### Specialist equipment/facilities

Students benefit from well-equipped digital studios.

### Assessment

Students are assessed through design projects, course assessment and portfolio assessment.

### Professional recognition

ARB recognition and exemption from the ARB/RIBA Part 2 Examination in Professional Practice.

### Career options

The programme prepares students for future careers as architects.

# Architectural Studies

## MSc

The programme is designed for students of architecture and related disciplines, who wish to carry their academic, intellectual and professional skills beyond the requirements of their professionally recognised qualification. It offers a comprehensive and interdisciplinary learning and research experience, engaging students from different backgrounds in a critical approach to architecture. It promotes a critical approach to architecture and provides the skills for the production of theoretical, analytical and critical studies on and in architecture. It aims to address and redefine new trends and knowledge in the field of architecture and offers a postgraduate design framework strongly supported by theoretical components.

While working within multidisciplinary research teams, students are encouraged to develop a personal focus and independent research within the programme.

The main output is the student's Master Thesis: an individually produced research work that can be delivered either as a written dissertation or as a design portfolio. Students choose the option in consultation with the programme leader prior to or at the start of the programme in September.

The programme is not validated by a professional body and does not provide exemption from the Royal Institute of British Architects (RIBA) Part 2 professional examination or from the Architects' Registration Board (ARB) Part 2 prescriptions.

## Content

- Reading Seminars - Exposes students to recent movements, positions, topics and schools of thought in architecture; introduces cultural and architectural contexts and possible areas of research; offers skills for textual and critical analysis of architectural theory and projects; and performs critical readings, engaging students in debates on architecture.
- Critical Research Methods - Examines the role that research plays in developing and contextualising advanced projects in creative design disciplines. The course supports and progresses the development of an argument to its final conclusion, giving rise to hypotheses, concepts, or project ideas for further investigation.
- Influences, Theories and Techniques in Architecture - Offers a platform for theoretical and critical discourse in architecture and opens up interdisciplinary dialogues in the fields of architecture, arts, critical theory and related disciplines. The course offers lectures and seminars on topical issues in contemporary architectural debates.
- City and Landscape Studies - Introduces the multiplicity of factors involved in understanding the development of the urban and landscape context, both past and future.
- MSc Architectural Studies Master Thesis - Develops a critical understanding of contemporary architecture and the relevant cultural debates. It can be delivered as a written dissertation or as a design portfolio.
- Critical Representations - Guides students in the presentation, representation, communication and critical assessment of their research; redefines presentation as critical reconsideration of research; uses architectural techniques of representation and modelling, new media, film, and advanced graphics for the production and representation of the student's research.
- Elective course - Students choose one elective course from a portfolio of postgraduate courses offered by the School of Architecture & Construction.

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus/  
Greenwich Campus (dependent on elective choice)

### Attendance

1 year (3 terms) full-time  
2 years (6 terms) part-time

### Entry requirements

Applicants should have:

**EITHER** a diploma in architecture

**OR** the equivalent of 5 years' full-time studies in architecture or a cognate subject.

Exceptionally, a good first degree in architecture or a cognate subject may be considered.

Applicants must submit a design portfolio **AND/OR** dissertation work **AND** a personal statement.

Students may apply for credits for previous work.

Applicants educated in a language other than English should have an IELTS score of 6.5 or above, or an equivalent rating in another language testing system.

### Assessment

Students are assessed through coursework, dissertation and/or design portfolio.

### Career options

This programme is suitable for those aiming to develop their intellectual and critical abilities in architectural practice, and for those aiming to enhance their academic skills and/or go on to doctoral study.

# Building Engineering

## MSc

This programme has been developed to meet the needs of those employed in the varied construction professions who wish to expand their expertise in the building process. Ideally, students should have academic qualifications with training and practice in the construction industry.

A feature of the programme is the inclusion of an option that may be taken from the wide range of courses in the postgraduate portfolio of the School. This feature allows students to plan the greater part of the taught element of the programme to suit their individual background and future career development. The programme combines lectures, seminars, tutorials and group and individual projects. Some of the courses may be taken in common with students on related construction programmes.

## Content

- Critical Thinking (10 credits)
- Building Rehabilitation (20 credits)
- Managing within a Sustainable Environment (20 credits)
- Principles of Management (20 credits)
- Project Management (20 credits)
- Research Methods (10 credits)
- Risk Management (20 credits)
- Dissertation (40 credits)

One option (20 credits) chosen from:

- Asset Management in The Social Rented Sector
- Comparative Urban and Regional Studies
- Construction Economics
- Construction Management
- Development Economics and Planning
- Facilities Management
- Housing Policy
- Real Estate Development and Investment
- Sustainable Regeneration and Housing

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

An honours degree or an equivalent qualification in a built environment discipline such as civil engineering, construction, surveying or architecture.

**PLUS** corporate membership of an appropriate design, property or construction profession.

- Applicants with other first degrees are considered on an individual basis.

### Assessment

Students are assessed through examinations, project work, presentations and a dissertation.

### Career options

This programme offers enhanced career opportunities in construction, building rehabilitation and property management.

# Building Rehabilitation

## MSc

Rehabilitation is the process of returning components of the built environment to a state of utility through repair or alteration. This process makes possible efficient use of buildings and architecture while preserving, where appropriate, the features that are significant to their historical, cultural and architectural values.

The programme enables students to develop and extend their creative and innovative abilities in the context of rehabilitation and the analytical, technical and managerial skills necessary for the implementation of such projects. Focus is on preservation and bringing back into use redundant and obsolete buildings and architecture to revitalise and strengthen local economies and communities.

The programme supports the achievement of successful outcomes to rehabilitation projects for both individual and community clients. The approach is systematic and based on an identification of client needs and an understanding of the architectural and socio-economic context of the built environment.

A combination of taught courses, project work in groups and individual study draws together the knowledge and experience of both staff and students. The project work takes place in interdisciplinary groups.

## Content

- Building Rehabilitation (20 credits)
- Critical Thinking (10 credits)
- Development Economics and Planning (20 credits)
- Principles of Management (20 credits)
- Project Management (20 credits)
- Risk Management (20 credits)
- Research Methods (10 credits)
- Dissertation (40 credits)

One option (20 credits) chosen from:

- Asset Management in the Social Rented Sector
- Comparative Urban and Regional Studies
- Construction Management
- Construction Economics
- Facilities Management
- Housing Policy
- Managing within a Sustainable Environment
- Real Estate Development and Investment
- Sustainable Regeneration and Housing

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

1 year full-time  
2 years part-time  
September or January start

### Entry requirements

Applicants should have:

An honours degree or an equivalent qualification in a built environment discipline such as civil engineering, construction, surveying or architecture.

**PLUS** corporate membership of an appropriate design, property or construction profession.

- Applicants with other first degrees are considered on an individual basis.

### Assessment

Students are assessed through examinations, assignments, project work, presentations and a dissertation.

### Professional recognition

This programme is part of the Royal Institution of Chartered Surveyors Partnership Portfolio ([www.rics.org](http://www.rics.org)).

### Career options

Graduates have opportunities with local authorities, property developers, heritage organisations and regeneration agencies. Subject to appropriate practice, award holders can become chartered surveyors.

# Built Environment Studies

## MSc

Some students who wish to pursue postgraduate studies prefer to develop their own programme of work rather than take up a named award. Complementing the Schools' named MSc programmes, this 'Open' programme provides applicants with an opportunity to discuss their individual academic needs with School staff and to agree a personalised schedule of learning.

The programme includes a dissertation, and this represents the pinnacle of individual achievement on the programme. It is a sophisticated way for students to demonstrate their abilities and the levels of comprehension and understanding that they have achieved. The preparation of a dissertation enables students to use a range of skills that have been developed throughout the programme, the skills of enterprise and initiative required for thorough investigation and research into a chosen topic; the motivation and time management skills necessary to produce a substantive and organised piece of written work; and the ability to synthesise and integrate complex information.

The aim of the programme is to facilitate students' planning and to structure a unique programme of study suited to their particular backgrounds and interests.

## Content

- Critical Thinking (10 credits)
- Principles of Management (20 credits)
- Research Methods (10 credits)
- Dissertation (40 credits)

Five 20-credit options (100 credits) chosen to reflect the professional aspirations of the individual. Examples may include:

- Asset Management and the Social Rented Sector
- Building Rehabilitation
- Comparative Urban and Regional Studies
- Construction Economics
- Construction Management
- Development Economics and Planning
- Facilities Management
- Project Management
- Managing within a Sustainable Environment
- Real Estate Development and Investment
- Risk Management
- Housing Policy
- Sustainable Regeneration and Housing

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

- 1 year full-time
- 2 years part-time
- September or January start

### Entry requirements

Applicants should have:

An honours degree or equivalent in a built environment discipline, such as civil engineering, construction, surveying or architecture.

**PLUS** corporate membership of an appropriate design, property or construction profession.

- Applicants with other first degrees are considered on an individual basis.

### Assessment

Students are assessed through examinations, project work, presentations and a dissertation.

### Career options

This programme offers a route to a higher degree by research and career progression for those already in employment.



# Construction Management and Economics

## MSc

This programme is a response to the growing demand from the construction and property industry for flexible professionals capable of strategic thinking and a creative response to volatile economic conditions. Planning and controlling the allocation of resources, and the detailed matching of design and production to the needs of the market for built space, are at the core of the construction and property industries.

This programme enables students to develop analytical, technical and managerial skills and prepares them for leadership roles in the construction and property industries. The structure allows consideration of both the theory and applications of economics, finance and management in the context of construction projects and portfolios. The emphasis of this programme is on the presentation and communication of workable solutions to complex problems.

Aims of the programme:

- To develop a knowledge of management economics in the construction and property industries.
- To develop the management skills, techniques and abilities required for management of construction.
- To develop abilities to generate management solutions to construction problems.

## Content

- Construction Economics (20 credits)
- Construction Management (20 credits)
- Critical Thinking (10 credits)
- Development Economics and Planning (20 credits)
- Principles of Management (20 credits)
- Research Methods (10 credits)
- Risk Management (20 credits)
- Dissertation (40 credits)
- One option (20 credits) chosen from courses offered by the School

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

1 year full-time  
2 years part-time  
Distance learning  
September or January start

### Entry requirements

Applicants should have:

An honours degree or an equivalent qualification in a built environment discipline, such as civil engineering, construction, surveying or architecture.

**PLUS** corporate membership of an appropriate design, property or construction profession.

- Applicants with other first degrees are considered on an individual basis.

### Assessment

Students are assessed through examinations, coursework and a dissertation.

### Professional recognition

This programme is part of the Royal Institution of Chartered Surveyors Partnership Portfolio ([www.rics.org](http://www.rics.org)).

### Career options

Graduates can pursue opportunities in all aspects of the built environment, including project and construction management consultancy, quantity surveying, construction companies, environmental agencies, local authorities, property developers and regeneration agencies.

# Facilities Management

## MSc

This programme has been developed in response to the growing demand for facilities management professionals with a mix of abilities from within the property and construction industries. Facilities management covers multiple disciplines and activities, enabling practitioners to be responsive to the needs of a particular building, its function and organisational objectives.

The programme is flexible enough to enable students to tailor their studies to their particular needs and interests, thereby recognising the broad and diverse nature of the facilities management role, both within the UK and internationally.

Students develop a holistic view of the needs of the corporate environment and enhance their expertise in key areas of competence. They are also able to advance their personal transferable skills in areas such as information technology and telecommunications.

The aim of the programme is to develop students' abilities to co-ordinate the physical workplace with the people and work of the organisation in order to facilitate the effective and efficient use of business-related property.

## Content

- Critical Thinking (10 credits)
- Facilities Management (20 credits)
- Principles of Management (20 credits)
- Project Management (20 credits)
- Real Estate Development and Investment (20 credits)
- Research Methods (10 credits)
- Risk Management (20 credits)
- Dissertation (40 credits)
- One option (20 credits) chosen from a range of courses offered by the School

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

- 1 year full-time
- 2 years part-time
- Distance learning
- September or January start

### Entry requirements

Applicants should have:

An honours degree or an equivalent qualification in a built environment discipline such as civil engineering, construction, surveying or architecture.

**PLUS** corporate membership of an appropriate design, property or construction profession.

- Applicants with other first degrees are considered on an individual basis.

### Assessment

Students are assessed through examinations, project work, presentations and a dissertation.

### Professional recognition

This programme is part of the Royal Institution of Chartered Surveyors Partnership Portfolio ([www.rics.org](http://www.rics.org)).

### Career options

Graduates can pursue opportunities as facilities managers in government agencies, private-sector corporations, local authorities, hospital trusts or airport authorities. Subject to appropriate practice, award holders can become chartered surveyors.

# Facilities Management (Distance Learning)

## MSc

This programme has been developed in response to the growing demand for facilities management professionals with a mix of abilities from within the property and construction industries. Facilities management covers multiple disciplines and activities, enabling practitioners to be responsive to the needs of a particular building, its function and organisational objectives.

The programme is flexible enough to enable students to tailor their studies to their particular needs and interests, thereby recognising the broad and diverse nature of the facilities management role, both within the UK and internationally.

Students develop a holistic view of the needs of the corporate environment and enhance their expertise in key areas of competence. They will also be able to advance their personal transferable skills in areas such as information technology and telecommunications.

The aim of the programme is to develop students' abilities to co-ordinate the physical workplace with the people and work of the organisation in order to facilitate the effective and efficient use of business-related property.

## Content

### Core courses

- Management Principles
- Research Methods
- Facilities Management
- Property Development and Finance
- Project Management
- Personal Learning Portfolio
- Dissertation

### Options

One chosen from a range of courses which, subject to timetabling and demand, may include:

- Construction Economics
- Property Appraisal

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

Distance learning  
September or January start

### Entry requirements

Applicants should have:

A good first degree in architecture, construction, surveying, engineering or planning

**PLUS** corporate membership of an approved design, property or construction profession.

Applicants with other first degrees will be considered on an individual basis.

### Assessment

Students are assessed through examinations, project work, presentations and a dissertation.

### Professional recognition

This programme is part of the Royal Institution of Chartered Surveyors Partnership Portfolio ([www.rics.org](http://www.rics.org)).

### Career options

Graduates from this programme can pursue opportunities as facilities managers in government agencies, private sector corporations, local authorities, hospital trusts or airport authorities. Subject to appropriate practice, award holders can become chartered surveyors.

# Housing Management and Policy

## MSc

This programme has been developed to meet the needs of those employed in housing and related professions. Housing is an interesting, challenging and rewarding career with good employment prospects.

The programme combines lectures and tutorials, as well as individual and group projects and seminars. The preparation of a dissertation enables students to use a range of skills that have been developed throughout the programme, the skills of enterprise and initiative required for thorough investigation and research into a chosen topic; the motivation and time management skills necessary to produce a substantive and organised piece of written work; and the ability to synthesise and integrate complex information.

Aims of the programme:

- To develop skills in key competency areas within housing policy and practice.
- To develop awareness and understanding of housing and related professions both nationally and internationally.

## Content

- Asset Management in The Social Rented Sector (20 credits)
- Critical Thinking (10 credits)
- Development Economics and Planning (20 credits)
- Housing Policy (20 credits)
- Management Principles (20 credits)
- Research Methods (10 credits)
- Sustainable Regeneration and Housing (20 credits)
- Dissertation (40 credits)

One option (20 credits) from:

- Building Rehabilitation
- Managing within a Sustainable Environment
- Project Management
- Real Estate Development and Investment

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A good first degree in a related subject

**AND/OR** corporate membership of a related profession.

**PLUS** appropriate professional experience.

### Assessment

Students are assessed through examinations and coursework.

### Professional accreditation

This programme is accredited by the Chartered Institute of Housing ([www.cih.org](http://www.cih.org))

### Career options

Graduates can pursue opportunities in the housing industry and related professions.

# Project Management (Distance Learning)

## MSc

The planning and control of resources and the detailed and prescient matching of design and production to the needs of the market for built space are at the very core of the construction and property industries.

This programme offers graduates and built environment professionals an opportunity to update their technical knowledge, enhance their skills to reflect the demands of the construction industry, to participate in professional development, and to achieve career progression in this challenging and growing discipline.

Aims of the programme:

- To teach students to plan and control the allocation of resources.
- To demonstrate ways of matching design and production to the needs of the market for built space.
- To broaden the abilities of graduates to think strategically and respond creatively to volatile economic conditions.

## Contents

### Core Courses

- Management Principles
- Research Methods
- Project Management
- Property Development and Finance
- Risk Management
- Personal Learning Portfolio
- Dissertation

### Options

One option chosen from a range of courses which, subject to timetabling and demand, may include:

- Property Appraisal
- Construction Economics

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

Distance learning  
September or January start

### Entry requirements

Applicants should have:

A good first degree in architecture, construction, surveying, engineering or planning

**PLUS** corporate membership of an approved design, property or construction profession.

- Applicants with other first degrees will be considered on an individual basis.

### Assessment

Students are assessed through written papers, coursework, assignments and a dissertation.

### Professional recognition

This programme is part of the Royal Institution of Chartered Surveyors Partnership Portfolio ([www.rics.org](http://www.rics.org)).

### Career options

Graduates from this programme can pursue project management roles with property developers, construction contractors, professional practices, regeneration agencies or local and central government. Subject to appropriate practice, award holders can become chartered surveyors.

# Project Management International

## MSc

The planning and control of resources and the detailed and prescient matching of design and production to the needs of the market for built space are at the very core of the construction and property industries.

This programme offers graduates and built environment professionals an opportunity to update their technical knowledge and enhance their skills to reflect the demands of the construction industry. Through the programme, students can participate in professional development and achieve career progression in what is a challenging and growing discipline.

Aims of the programme:

- To teach students to plan and control the allocation of resources.
- To demonstrate ways of matching design and production to the needs of the market for built space.
- To broaden the abilities of graduates to think strategically and respond creatively to volatile economic conditions.

## Content

- Critical Thinking (10 credits)
- Development Economics and Planning (20 credits)
- Principles of Management (20 credits)
- Project Management (20 credits)
- Risk Management (20 credits)
- Research Methods (10 credits)
- Managing within a Sustainable Environment (20 credits)
- Dissertation (40 credits)

One option (20 credits) chosen from a range of courses including:

- Asset Management in the Social Rented Sector
- Building Rehabilitation
- Comparative Urban and Regional Studies
- Construction Economics
- Facilities Management
- Housing Policy
- Real Estate Development and Investment
- Sustainable Regeneration and Housing

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

- 1 year full-time
- 2 years part-time
- Distance Learning
- September or January start

### Entry requirements

Applicants should have:

A good first degree in architecture, construction, surveying, engineering or planning.

**PLUS** corporate membership of an approved design, property or construction profession.

- Applicants with other first degrees are considered on an individual basis.

### Assessment

Students are assessed through written papers, coursework assignments and a dissertation.

### Professional recognition

This programme is part of the Royal Institution of Chartered Surveyors Partnership Portfolio ([www.rics.org](http://www.rics.org)).

### Career options

Graduates can pursue opportunities in project management roles with property developers, construction contractors, professional practices, local and central government, and regeneration agencies. Subject to appropriate practice, award holders can become chartered surveyors.

# Real Estate (Distance Learning)

## MSc

The philosophy of the programme is based on a flexible approach to problem solving and the development of analytical faculties.

This programme of study, which has developed since 1991, reflects the exciting changes in academic teaching and in the built environment profession which have occurred in recent years. The structure offers flexibility and a range of optional subjects.

The programme brings together professionals of various disciplines in the learning process to encourage interaction and integrative study.

Aims of the programme:

- To examine real estate development and investment projects in wider global, economic and financial contexts.
- To develop skills for effective decision making in investment and development projects.
- To broaden the abilities of graduates with some of the key areas of understanding and analysis in real estate.

## Content

- Management Principles
- Urban Economics
- Research Methods
- Property Appraisal
- Property Development and Finance
- Project Management
- Personal Learning Portfolio
- Dissertation

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

Distance learning  
September or January start

### Entry requirements

Applicants should have:

A good first degree in architecture, construction, surveying, engineering or planning

**PLUS** corporate membership of an approved design, property or construction profession.

- Applicants with other first degrees will be considered on an individual basis.

### Assessment

Students are assessed through examinations, assignments, project work, presentations and a dissertation

### Professional recognition

This programme is part of the Royal Institution of Chartered Surveyors Partnership Portfolio ([www.rics.org](http://www.rics.org))

### Career options

Graduates from this programme can pursue careers in professional surveying practices, government regeneration agencies, property developers, local authorities, or property investment companies. Subject to appropriate practice, award holders can become chartered surveyors.

# Real Estate Development and Investment

## MSc

This programme of study reflects the exciting changes in academic teaching and in the built environment profession that have occurred in recent years. The philosophy of this programme is based on a flexible approach to problem solving and the development of analytical faculties, while the structure offers flexibility and a range of optional subjects. The programme brings together professionals of various disciplines in the learning process to encourage interaction and integrative study.

Aims of the programme:

- To examine real estate development and investment projects in wider global, economic and financial contexts.
- To develop skills for effective decision making in investment and development projects.
- To broaden the abilities of graduates through understanding and analysis of some of the key areas in real estate.

## Content

- Comparative Urban and Regional Studies
- Critical Thinking
- Development Economics and Planning
- Principles of Management
- Research Methods
- Real Estate Development and Investment
- Project Management
- Dissertation

One option chosen from a range including:

- Asset Management in the Social Rented Sector
- Building Rehabilitation
- Construction Economics
- Construction Management
- Facilities Management
- Housing Policy
- Managing within a Sustainable Environment
- Risk Management
- Sustainable Regeneration and Housing

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

- 1 year full-time
- 2 years part-time
- Flexible Learning
- September or January start

### Entry requirements

Applicants should have:

A good first degree in architecture, construction, surveying, engineering or planning.

**PLUS** corporate membership of an approved design, property or construction profession.

- Applicants with other first degrees are considered on an individual basis.

### Assessment

Students are assessed through examinations, assignments, project work, presentations and a dissertation.

### Professional recognition

This programme is part of the Royal Institution of Chartered Surveyors Partnership Portfolio ([www.rics.org](http://www.rics.org)).

### Career options

Graduates can pursue opportunities in professional surveying practices, government regeneration agencies, property developers, local authorities and property investment companies. Subject to appropriate practice, award holders can become chartered surveyors.



# Applied Professional Studies (Innovation)

## MA

Innovation is about doing new things, and doing old things in new ways to deliver new value. A combination of competition, cynicism about consultants and the recent recession has emphasised the requirement for a new breed of practitioner within organisations. These leaders of innovation must be able to apply techniques and thinking around making things better, as well as making them different.

This programme is designed for individuals whose current role is to innovate, either in public, social or private enterprise on a major or minor scale, and who wish to develop themselves as innovation practitioners.

This part-time programme provides an opportunity for individuals to learn whilst doing, and to participate in a structured, complementary learning process that develops their ability as innovation practitioners.

The intention of this new programme is to rebalance innovation practice to develop individuals with the language, skills and capability to influence both strategic and tactical thinking.

The programme begins with a three-day practitioner conference to accelerate performance, followed by six taught modules delivered in two Friday/Saturday residential workshops. A developmental sequence of three work-based learning innovation projects (15, 30 and 45 credits) with regular one-day, monthly touch-point meetings to monitor project progress will also be included.

Aims of the programme:

- To focus on the practice of innovation as means of developing personal mastery.
- To accelerate the development of innovation practitioners as they work on real projects.
- To develop an ambidextrous approach to innovation that includes both improvement and transformative change.

## Content

In year 1, five of the six discrete modules on innovation, leadership, and self-development within the programme are completed, plus the first work-based learning innovation project. The six taught modules help to set the innovation context for the individual and their employing organisation. It will also help the individual to facilitate conversations within their organisation about the innovation journey that the organisation needs to make as well as the one that it is willing to make.

- Managing Your Professional Development (15 credits)
- Innovation Leadership (15 credits)
- Creative Problem Solving and Consulting (15 credits)
- The Research-Minded Practitioner: Critical Thinking for Innovation (15 credits)
- Innovation Freedoms (15 credits)
- Research and the Professional (15 credits)

In year 2 the 30-credit work-based learning innovation project is completed, and the sixth module is undertaken to prepare for the final 45-credit work-based learning innovation project.

## Key facts

**School** Business

**Location** Greenwich Campus

**Attendance**

2 years part-time

### Entry Requirements

Applicants should have:

A good degree

**AND** have at least two years of professional experience in change management.

- Applicants must be responsible for leading the delivery of innovation projects within their employing organisation.

### Assessment

Students will be assessed through reports based on actual innovation projects, case studies and exercises.

### Career options

Graduates from the programme can pursue careers as senior change-agents in public, social and private enterprises.

# Doctor of Business Administration

## DBA

This is an advanced programme of executive development designed around the three core themes of leadership, consultancy and innovation. The programme is delivered through a blend of taught, self-directed and supervised provision. After the developmental initial stages of the programme during which candidates advanced knowledge of research and consultancy interventions, leadership and reflective practice is built, the ultimate thesis is constructed from four discrete but linked research projects. They are then compiled in a portfolio with an accompanying reflective report in which the candidate's contribution to knowledge is articulated.

The programme provides an unparalleled opportunity for senior professionals in private, public and non-profit organisations to move their practice to the forefront of innovation and enterprise. The programme facilitates advanced exploration of the role of themselves as leader or internal consultant utilising dimensions of innovation and enterprise. Ultimately, successful completion of the DBA programme will result in a substantial legacy of applied management scholarship and the right to use the title Doctor.

Aims of the programme:

- To make a significant contribution to the enhancement of professional practice in the students discipline or area of practice.
- To encourage interdisciplinary and multidisciplinary approaches to innovation.
- To demonstrate a contribution to advanced knowledge or understanding through synthesis.

## Content

### Stage 1

- Advanced Research Methods (15 credits)
- Research Minded Practitioner: Critical Thinking for Innovation (15 credits)
- Qualitative Methods (15 credits)
- Quantitative Methods (15 credits)

### Stage 2

- Leadership and Consultancy Skills (30 credits)
- Reflective Practice (30 credits)

### Stage 3

- Reflective Review and Project Plan (60 credits)
- Pilot Project (60 credits)

### Stage 4

- Project Portfolio (4 projects) (160 credits)
- Viva (140 credits)

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

Minimum 4 years part-time

### Entry Requirements

Applicants should have:

A postgraduate qualification, or equivalent

**AND** substantial experience of working in a management and leadership capacity.

### Assessment

A variety of traditional and innovative assessment methods are used including written assignments, portfolios, reflective blogs, group-work, presentations and research proposals. The ultimate thesis (on which the claim to doctoral status depends) is assessed by written submission and viva voce examination.

### Career Options

This programme is designed for those who seek to operate at senior executive level and/or in highly challenging and fast-changing professional environments. It also provides an interface between the worlds of executive professional practice and academia.

# Executive Master of Business Administration

## MBA (by Supported Open Learning)

Research shows that both students and employers want management education to be relevant to the work environment. Flexible delivery of learning is also a key desire of employers and of mature students who may be working full-time and balancing work life with home life and academic study. This programme offers students the opportunity to achieve this flexibility and delivers management education relevant to the workplace and with recognised qualifications.

The programme has a broad focus and will suit participants from all sizes of enterprise in both the public and private sector. Students build on their knowledge from the work environment and previous learning while developing a critical theoretical perspective which will inform their own developing management practice.

Study is modular with the occasional requirement to meet with tutors face to face. The majority of study is undertaken under tutor guidance by students in their own time and location, facilitated via the university's on-line resources and virtual learning environment, supplemented by campus workshops.

The programme aims to develop individuals with the confidence and competence in the application and integration of business management knowledge within a strategic framework.

## Content

- International Business Environment (10 Credits)
- Financial Management (15 credits)
- Managing the Value Chain (20 credits)
- Leadership, Personal Development and Career Management (15 credits)
- Foundations of Scholarship and Business Research Skills (15 credits)
- Business Analysis (10 credits)
- Strategy and Transformation (20 credits)
- Human Resource and Information Management (15 credits)
- Creative Problem Solving and Consultancy Project (15 credits)
- Integrative Strategic Workshops and Simulations (15 credits)
- Business Research Project (30 credits)

## Key facts

**School** Business

**Location** Managed from Greenwich but accessed by students online.

### Attendance

3 years part-time/distance by 'Supported Open Learning'

Direct entry available to Year 3 for students who have a PGDip Management Studies from the University of Greenwich

### Entry requirements

Applicants should have:

**EITHER** a good relevant first degree from a recognised university

**AND** minimum 2 years relevant work experience

**OR** five years' work-based experience.

### Assessment

Students are assessed via coursework and assignments.

### Professional recognition

This programme provides student membership of the Chartered Management Institute.

### Career options

Graduates from this programme have opportunities to progress rapidly through management in different companies or to apply their skills and knowledge to managing their own businesses.

**Please note:** this programme is not available to international students.

# Information Technology Management for Business

## MSc

This programme is designed to take students with a range of backgrounds including: Engineering, Information Technology, Computer Science and Business and equip them to work in the growing field of Information Technology Management. It is multidisciplinary integrating four disciplines together to form the programme. These are: Business Management, Information Technology, Project Management and Interpersonal skills.

This will enable students to develop capabilities in business analytics, information management, governance and security.

They can also expect to be clear about commercial imperatives and have a future and opportunity orientation. Students also develop good inter-personal communications.

Aims of the programme:

- To equip graduates with business facing technology transfer skills and capabilities.
- To equip graduates with advanced project and programme management capabilities in information technology and wider business change processes.
- To equip graduates with skills and knowledge associated with enterprise scale information technology systems and their architectures and infrastructures with associated development and life cycle management processes, including risk management and security management.
- To equip graduates with advanced interpersonal and intrapersonal skills as they relate to working as part of teams, both actual and virtual, in developing and deploying information technology based systems for business and customer benefit.
- To provide students with an opportunity based framework of reference that will enable them to see opportunities and add value for their employers and themselves.

## Content

- IT Programme and Operations Management (15 credits)
- Knowledge Management and Exploitation (15 credits)
- Value and Supply Chain Information Technology (15 credits)
- Financial Control and Resource Management (15 credits)
- Information Technology, Entrepreneurship and Innovation (15 credits)
- Strategy and Management (15 credits)
- Research Methodology/Dissertation Project (60 credits)

## Key facts

**School** Business Information Technology & Enterprise (BITE)  
([www.gre.ac.uk/bite](http://www.gre.ac.uk/bite))

**Location** Medway Campus

### Attendance

1 year part-time  
2 years full-time

### Entry Requirements

Applicants should have:

A 2.1 degree in a relevant discipline from a recognised institution. In addition IELTS score of 6 for overseas students. Students with other relevant backgrounds will also be considered. Please contact the School of Engineering for details.

### Assessment

Students are assessed through examinations, group projects, presentations and case studies.

### Career options

Graduates can pursue careers in IT management in multinational firms, small- or medium-sized exporters, and local or central government.

# Master of Business Administration

## MBA

The MBA is an internationally recognised Master's degree in business administration and management. It prepares managers for organisation-wide leadership and decision making.

The University of Greenwich MBA approaches leadership development thematically from the starting points of creativity, practicality and social resourcefulness. Personal development is a key theme of the programme with executive coaching helping students to understand their value in the market and develop plans to make the most of their career potential. The programme examines each of the functions of business, and building on this broad foundation, the MBA focuses on the application and integration of these functions within a strategic business framework.

Academic learning is complemented by experiential and practical learning using case studies and business simulations, culminating in a real-world consultancy engagement. Students complete a management project, producing a report of approximately 12,000 words based on a practical management problem of their own choice. This research may be conducted at Greenwich, with the student's chosen company, or in his or her own country.

Further details are available in the MBA Brochure.

## Content

- Foundations of Scholarship and Business Research Skills (15 credits)
- Strategy and Transformation (20 credits)
- Managing the Value Chain (20 credits)
- Business Context and International Business Environment (10 credits)
- Human Resource and Information Management (15 credits)
- Financial Management (15 credits)
- Creative Problem Solving and Consultancy Project (15 credits)
- Business Analysis (10 credits)
- Integrative Strategic Workshops and Simulations (15 credits)
- Leadership, Personal Development and Career Management (15 credits)
- Business Research Projects (30 credits)

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time (September to September)

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

**PLUS** a minimum of two years' business experience.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Exceptionally, candidates with less than the required entry criteria may be considered subject to an interview and assessment.

### Assessment

Students are assessed through coursework, development portfolios, examinations, a consulting report and a management research project.

### Professional recognition

This programme provides associate membership of the Chartered Management Institute.

### Career options

Graduates may pursue progression in all areas of management. Employers of our graduates include Alcatel, Banco Santander, BT, Ernst & Young, MKB and Raytheon.

# International Business

## MA

The MA International Business programme is designed in such a way as to reflect the increased emphasis on multidisciplinary and international perspective arising from today's market developments as well as the employers' expectation to integrate the theoretical knowledge and applied skills in training a modern workforce. This programme intends to develop the range of intellectual and practical skills in students who can then become effective specialists in the global knowledge economy with traditional boundaries between sectors breaking down.

The programme provides students who may not have a first degree in business with a grounding in business management, followed by specialised international business courses and an independent project.

Aims of the programme:

- To equip students with advanced knowledge of international business organisations, their management and the changing context in which they operate.
- To develop students' skills in international business and management at a professional or equivalent level.
- To develop the ability to apply knowledge and understanding of international business and management to complex issues, both systematically and creatively.
- To enhance lifelong learning skills and personal development to be able to work with self-direction and originality and to contribute to business and society at large.
- To develop leadership potential through critical reflection.

## Content

- Foundations of Scholarship and Research (15 credits)
- Financial and Management Accounting (15 credits)
- Business Research Methods (15 credits)
- Global Strategy: Analysis and Practice (15 credits)
- Competition and Business Risk (15 credits)
- Global Enterprise and Innovation (15 credits)
- Global Business (15 credits)
- Project (30 credits)

Three 15-credit options (45 credits) from a list that currently includes:

- Business Networks
- International Trade and Institutions
- Micro Finance for Development
- E-Logistics and International Supply Chain Management
- International Marketing and Operations Management
- Managing Across Cultures
- Regulatory Institutions of the World Economy
- Public Policy
- Sustainable Investment and Trade
- Liberalisation, Regulation and Public Services
- Consultancy Project

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time

3 years part-time

October and January start

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system.

### Assessment

Students are assessed through a wide range of assessment methods and procedures, namely individual and group presentations, tests, reports and assignments, individual on-line journals, article reviews, examinations and a project.

### Professional recognition

This programme provides student membership of the Chartered Management Institute.

### Career options

Graduates may pursue opportunities in management in multinational firms, small- or medium-sized exporters, local or central government agencies involved in business development, consultancies and media companies. Some of our graduates have joined ABN AMRO, Accenture, CNN, Hertz and Kerry Foods Management.

# International Business

## MBA

The MBA International Business programme is designed to reflect the increased emphasis on multidisciplinary and international perspective arising from today's market developments and explores the complexity and diversity of business in an increasingly interconnected world. The programme takes account of the consolidation of managerial and institutional economic interpretations of international business issues in academic research. MBA International Business graduates are expected to develop critical analytical skills in assessing the global environment for business; identify new international business opportunities and analysing international markets and industries; deal with complex issues both systematically and creatively, make sound judgements in the absence of complete data, and communicate their conclusions clearly to a range of audiences; make decisions in complex and unpredictable situations; be self-directed and able to act autonomously in planning and implementing projects professionally; take responsibility for continuing to develop their own knowledge and skills; apply an action inquiry approach to develop strategies for effecting change by demonstrating effective negotiation, influencing and leadership skills.

If you do not have a first degree in business, this programme will provide you with a good grounding in business management, followed by specialised international business courses, project and guided internship. A particular feature of the programme is commercial relevance and employability, designed to enhance knowledge and skills particularly sought by global employers.

## Content

- Foundations of Scholarship and Research (15 credits)
- Financial and Management Accounting (15 credits)
- Business Research Methods (15 credits)
- Global Strategy: Analysis and Practice (15 credits)
- Competition and Business Risk (15 credits)
- Global Business (15 credits)
- Global Enterprise and Innovation (15 credits)
- Project (30 credits)
- A one-year guided internship (secured by a learner)

Three 15-credit options (45 credits) from:

- Managing Across Cultures
- Regulatory Institutions of the World Economy
- International Trade and Institutions
- International Marketing and Operations Management
- E-Logistics and International Supply Chain Management
- Business Networks
- Public Policy
- Sustainable Investment and Trade
- Liberalisation, Regulation and Public Services
- Consultancy Project

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time and 12 months guided internship secured by students

3 years part-time.

October and January start.

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

- Students without English as their first language must have an IELTS score of 6.5 or equivalent recognised alternative.

### Assessment

Students are assessed via a range of innovative methods including group and individual projects and presentations, tests, examinations, coursework and a project.

### Professional recognition

This programme provides associate membership of the Chartered Institute of Management.

### Career options

Graduates can pursue opportunities in management in multinational firms, small or medium-sized exporters, local or central government agencies involved in business development, consultancies and media companies.

# E-Logistics and Supply Chain Management

## MA

Supply chain networks and e-supply chain networks may be designed for services or manufacturing and be global or domestic in scale. They encompass the functions of procurement, production, distribution, and customer service and have a diverse range of styles and structures.

The market for postgraduate qualifications in logistics and supply chain management (SCM) has been growing rapidly. Companies are demanding that senior managers are better qualified and better prepared to address the deeper issues involved in the twin goals of cost reduction and service enhancement.

This programme offers a unique curriculum that includes many practical examples of logistics and SCM in action. We are one of very few university programmes in the UK which has been accredited by both the Chartered Institute of Logistics and Transport (CILT) and the Chartered Institute of Purchasing and Supply (CIPS). This means that students are recognised by these professional bodies as holding their professional qualifications to full professional status level 6 upon completion of the Masters programme. Students will participate in CILT and CIPS activities including the CILT student conference held on campus for the last seven years. Students will visit industrial locations, have seminars given by guest speakers from industry and collaborate with business partners for dissertation projects.

In the final stage of the course study, all students will undertake a one week consultant project organised by the university, which has been highly valued by previous students as an "unforgettable experience".

## Content

- E-Logistics (30 credits)
- Strategies and Techniques for Logistics and SCM (30 credits)
- Logistics Consultancy (15 credits)
- Sustainability Issues in SCM (15 credits)
- International Purchasing and Procurement (15 credits)
- Strategic Management and Transport Policy (15 credits)
- Research Methods and Foundations of Scholarship (15 credits)
- Dissertation (45 credits)

## Key facts

**School** Business

**Location** Greenwich Campus

**Attendance**

1 year full-time

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.
- Applications from those with relevant experience together with professional qualifications from the CILT and CIPS are also welcome.

### Assessment

Students are assessed through examinations, coursework, presentations and a dissertation.

### Professional recognition

This programme is accredited by the Chartered Institute of Logistics and Transport and the Chartered Institute of Purchasing and Supply.

### Career options

Graduates from this programme can pursue careers in logistics and supply chain management for services and manufacturing in the private, public and voluntary sectors.



# Management Studies

## PGDip (by Supported Open Learning)

Research shows that both students and employers want management education to be relevant to the work environment. Flexible delivery of learning is also a key desire of employers and of mature students who may be working full-time and balancing work life with home life and academic study. This programme offers the opportunity to achieve this flexibility while delivering management education relevant to the work place and with recognised qualifications.

The programme has a broad focus and will suit participants from the public and private sector and also an access route to the Executive MBA. Students build on their knowledge from the work environment and previous learning while developing the critical theoretical perspective that will inform their own developing management practice. The programme aims to advance student's knowledge of management and business administration and develop strategic thinking.

Study is modular with only an occasional requirement to meet the tutors face to face. The majority of study is undertaken under tutor direction by students in their own time and location, facilitated and supported via the university's online resources and virtual learning environment, and supplemented by campus based workshops.

This programme gives direct entry to year 3 of the Executive MBA (by supported open learning).

### Content

- Foundations of Scholarship and Business Research Skills (15 credits)
- Business Context and International Business Environment (10 credits)
- Managing the Value Chain (20 credits)
- Financial Management (15 credits)
- Strategy and Transformation (20 credits)
- Business Analysis (10 credits)
- Human Resource and Information Management (15 credits)
- Leadership, Professional Development and Career Management (15 credits)

### Key facts

**School** Business

**Location** Managed from Greenwich but accessed by students online

#### Attendance

2 years part-time  
Distance learning by 'supported open learning'

#### Entry requirements

Applicants should have:

**EITHER** a good relevant first degree from a recognised university and have two years relevant work experience

**OR** three to five years' appropriate work-based experience.

#### Assessment

Students are assessed through coursework and assignments.

#### Professional recognition

This programme provides entry to the Chartered Management Institute.

#### Career options

Graduates can pursue opportunities to progress rapidly through management in different companies. Graduates also acquire the skills to manage their own business. Graduates from this programme can pursue entry to the Chartered Management Institute or direct entry to the Executive MBA programme.

# Project Management for Logistics

## MSc

This programme offers a unique curriculum in which project management is embedded into logistics and supply chain process management, including procurement, production, distribution and customer service, with a diverse range of management styles and structures.

It embraces the latest information and communications technology skills applied to logistics, and covers global supply chain management business strategies for organisations doing business in the global arena.

This programme offers a unique curriculum that includes many practical examples of logistics and SCM in action. We are one of very few university programmes in the UK which has been accredited by both the Chartered Institute of Logistics and Transport (CILT) and the Chartered Institute of Purchasing and Supply (CIPS). This means that students are recognised by these professional bodies as holding their professional qualifications to full professional status level 6 upon completion of the Masters programme. Students will participate in CILT and CIPS activities including the CILT student conference held on campus for the last seven years. Students will visit industrial locations, have seminars given by guest speakers from industry and collaborate with business partners for dissertation projects.

In the final stage of the course study, all students will undertake a one week consultant project organized by the university, which has been highly valued by previous students.

## Content

- Project Management for Logistics and Supply Chain Management (30 credits)
- Strategies and Techniques for Logistics and SCM (30 credits)
- Logistics Consultancy (15 credits)
- Sustainability Issues in SCM (15 credits)
- International Purchasing and Procurement (15 credits)
- Strategic Management and Transport Policy (15 credits)
- Research Methods and Foundations of Scholarship (15 credits)
- Dissertation (45 credits)

## Key facts

**School** Business

**Location** Greenwich Campus

**Attendance**

1 year full-time

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applications from those with relevant experience together with professional qualifications from the CILT and CIPS are also welcome.

### Assessment

Students are assessed through examinations, coursework, presentations and a dissertation.

### Professional recognition

This programme is accredited by the Chartered Institute of Logistics and Transport and the Chartered Institute of Purchasing and Supply.

### Career options

Graduates from this programme can pursue careers in logistics and supply chain management for services and manufacturing in the private, public and voluntary sectors.

# Transport and Logistics Management

## PGDip/MA

The emergence and expansion of local and regional trade agreements, free labour flow and rapid growth of globalisation in general have necessitated reliable and sustainable transportation and logistics systems. Moreover, the remarkable increase in visits to and from the UK during the last ten years, growing UK trade and special events, such as the London Olympics in 2012, all demand well-established transport systems, logistics planning and management expertise.

This programme is designed to meet the needs of home and international graduates who have not previously specialised in logistics and transport or those who are interested in expanding their knowledge and practical capabilities in this area.

The programme tries to explore the key notions of transport and logistics and discusses new approaches to the design and analysis of transport and logistics systems. In addition to the basic concepts of passenger and freight transport, and local and global logistics, the programme focuses on contemporary issues, such as e-business, transport systems modelling, and environmental issues in transport and logistics, thus ensuring it is up to date and fit for the current needs of employers.

The programme is accredited by the Chartered Institute of Logistics and Transport (CILT). This means that students are recognised by these professional bodies as holding their professional qualifications to full professional status level 6 upon completion of the Master's programme. Students will participate in CILT activities, including the CILT student conference held on campus for the last seven years. Students will visit industrial locations, have seminars given by guest speakers from industry and collaborate with business partners for dissertation projects.

In the final stage of the course study, all students will undertake a one week consultancy project organized by the university, which has been highly valued by previous students.

Aims of the programme:

- To equip students with the latest knowledge in transport and logistics.
- To develop students' ability to critically analyse problems that affect freight and passenger transport.
- To expand students' ability to manage practical challenges in the transport and logistics sectors.

## Content

- Transport Policy and Planning (Passenger and Freight) (30 credits)
- Strategic Management and Transport Policy (15 credits)
- Strategies and Techniques for Logistics and Supply Chain Management (30 credits)
- Logistics Consultancy (15 credits)
- Sustainability Issues in SCM (15 credits)
- International Purchasing and Procurement (15 credits)
- Research Methods and Foundations of Scholarship (15 credits)
- Dissertation (45 credits)

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applications from those with relevant experience together with professional qualifications from the CILT and other professional bodies

### Assessment

Students are assessed through examinations, coursework, presentations and a dissertation.

### Professional recognition

The programme is accredited by the Chartered Institute of Logistics and Transport (CILT). Its structure, contents and qualifications are also compatible with CILT programmes, ensuring recognition by academic and business sectors across the UK and internationally. The programme also includes CILT membership.

### Career options

Graduates may pursue opportunities as consultants in service and manufacturing sectors, Network Rail, passenger transport companies, third-party logistics and local authorities, freight transport and shipping companies.

# Business Intelligence

## MSc

This programme is designed for individuals who wish to pursue careers as business intelligence and analytics professionals.

Students study, employ and reflect on the principles underpinning business intelligence, including topics in artificial intelligence, intelligence systems, data mining, business analytical reporting, analytics, programming, databases and data warehousing and web development. They can also take industrial examinations such as IBM SPSS certifications that run exclusively at Greenwich in collaboration with industry.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Data Mining and Knowledge Discovery in Databases (15 credits)
- Data Warehousing (15 credits)
- Enterprise Software Engineering Development (15 credits)
- Artificial Intelligence Algorithms and Uncertainty (15 credits)
- Business Intelligence (15 credits)
- Knowledge Representation and Logic Programming for Artificial Intelligence (15 credits)

Two 15-credit options (30 credits) from:

- Distributed Data Management Technology
- Distributed Data Architecture and Management
- E-Business Applications
- Mobile Application Development
- Mobile Technologies
- Network Management
- Network Security
- Web Engineering
- Enterprise Web Engineering
- Software Engineering Management
- Operating System and Application Server Security
- Database Tools
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- Computer Security and Risk Analysis
- Enterprise Patterns and Frameworks
- Network and Internet Technologies and Design
- Programming Enterprise Components
- 3D Computer Graphics
- Network Architectures and Services
- Software Tools and Techniques
- Visual Interactive Programming

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry.

## Key facts

**School** Computing & Mathematical Science

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

Block release according to circumstances.

September or January start

### Entry requirements

Applicants should have:

A good first degree in computing or computing science

**OR** a suitable numerate subject (such as mathematics, physics, engineering, information systems or multimedia) that includes some software development and analytical skills

**OR** substantial commercial/industrial experience that includes software development and using modern programming languages and design.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme has not yet been submitted for accreditation by the British Computer Society (BCS). In line with other programmes being run by the department, it is the expectation that the programme would be submitted at an appropriate time.

### Career options

Students should be able to work as consultants or senior team members developing enterprise business intelligence systems. Students should also be able to pursue further research study in the areas of artificial intelligence, data mining, computer science and other application areas requiring substantial software development.

# Computer Science

## MSc

During this programme students study, employ and reflect on the principles underpinning computer science. Computer languages, communications, operating systems, computer graphics, human computer interaction, artificial intelligence and high performance computing are key areas of focus within this programme of study.

The programme leads students to reflect on the choice of appropriate software tools and techniques through the study of realistic industrial case studies. This programme is designed for individuals wishing to pursue careers as computer science professionals.

Opportunities exist within the programme to take industrial examinations such as Cisco, Microsoft and Sun Java certifications. From artificial intelligence to software design and software patterns, from high performance computing and virtualisation to computer graphics, at the end of the programme students are equipped to deal with the intense demands of modern software development and related techniques.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)

Four 15-credit core courses (a total of 60 credits) chosen from:

- Data Mining and Knowledge Discovery in Databases
- Operating System and Application Server Security
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- 3D Computer Graphics
- Artificial Intelligence Algorithms and Uncertainty
- Knowledge Representation and Logic Programming for Artificial Intelligence

Four 15-credit options (a total of 60 credits, if not already selected above) chosen from:

- Distributed Data Management Technology
- Distributed Data Architecture and Management
- E-Business Applications
- Mobile Application Development
- Mobile Technologies
- Network Management
- Network Security
- Data Warehousing
- Web Engineering
- Enterprise Web Engineering
- Software Engineering Management
- Enterprise Software Engineering Development
- Computer Security and Risk Analysis
- Enterprise Patterns and Frameworks
- Network and Internet Technologies and Design
- Programming Enterprise Components
- Network Architectures and Services
- Software Tools and Techniques
- Visual Interactive Programming

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry.

## Key facts

**School** Computing & Mathematical Science

### Attendance

1 year full-time  
2 years part-time  
Block release according to circumstances.  
September or January start

### Entry requirements

Applicants should have:

A good first degree in computing or computing science

**OR** a suitable numerate subject (such as mathematics, physics, engineering, information systems or multimedia) that includes some software development.

**OR** substantial commercial/industrial experience that includes software development and using modern programming languages and design.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme has not yet been submitted for accreditation by the British Computer Society (BCS). In line with other programmes being run by the department, it is the expectation that the programme would be submitted at an appropriate time.

### Career options

Graduates from this programme are expected to be proficient in the key theoretical and practical areas in computer science, including their application to modern software systems development.

# Computer Forensics and Security Management

## MSc

This programme is designed for graduates with a good first degree in an information systems or computing-related subject. It is suitable for both newcomers to computer security and auditing, and more experienced practitioners who wish to further their skills. It covers relevant skills and software and hardware technologies, as well as more theoretical studies that underpin everyday practice. Graduates are therefore able to quickly contribute to the well-being of corporate IT and informational assets.

## Content

- Project/Dissertation (including a course on Critical Thinking and Research Methods) (60 credits)
- Computer Crime and Forensics (15 credits)
- Audit and Security (15 credits)
- E-Business Applications (15 credits)
- IT Application Security and Control (15 credits)
- Managing IT Security and Risk (15 credits)

Three 15-credit options (a total of 45 credits) chosen from:

- Distributed Data Management Technology
- Distributed Data Architecture and Management
- Data Mining and Knowledge Discovery in Databases
- Mobile Technologies
- Web Engineering
- Enterprise Web Engineering
- Software Engineering Management
- Enterprise Software Engineering Development
- Operating System and Application Server Security
- Network and Internet Technologies and Design
- Network Architectures and Services
- Software Tools and Techniques
- Visual Interactive Programming
- Network Security

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry. In addition, some options are negotiable, indicating that a course selection will need to be approved prior to the student undertaking the requested option.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

Block release according to circumstances

September or January start

### Entry requirements

Applicants should have:

A good first degree in computing or information systems.

- Potential applicants who have substantial relevant commercial or industrial experience but who lack formal qualifications should seek an interview with the programme leader.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme has not yet been submitted for accreditation by the British Computer Society (BCS). In line with other programmes being run by the department, it is the expectation that the programme would be submitted at an appropriate time.

### Career options

Upon successful completion of this programme students should be proficient in computer auditing or security and will be in a position to follow careers in these areas.

# Computing

## MSc

The taught part of this programme has been designed to provide the student with as wide a choice as possible. Students are able to choose from a range of courses and can also undertake a project at Master's level. The programme provides a flexible framework for professionals who know what knowledge, skills, tools and techniques they require to further their career. Advice and guidance are given on which courses best meet the particular needs of each student. Problem solving, professional ethics and practices, as well as advanced transferable skills, permeate and underpin the programme and its constituent courses.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Software Tools and Techniques (15 credits)
- Visual Interactive Programming (15 credits)
- Software Engineering Management (15 credits)
- Enterprise Software Engineering Development (15 credits)

Four 15-credit options (60 credits) from:

- Web Engineering
- Enterprise Web Engineering
- Distributed Data Management Technology
- E-Business Applications
- Mobile Application Development
- Data Mining and Knowledge Discovery in Databases
- Distributed Data Architecture and Management
- Mobile Technologies
- Network and Internet Technologies and Design
- Network Management
- Network Security
- Computer Security and Risk Analysis
- Database Tools
- Data Warehousing
- Operating System and Application Server Security
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- Enterprise Patterns and Frameworks
- Programming Enterprise Components
- 3D Computer Graphics
- Network Architectures and Services

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry. In addition, some options are negotiable, indicating that a course selection will need to be approved prior to the student undertaking the requested option.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time  
2 years part-time  
Block release according to circumstances  
September or January start

### Entry requirements

Applicants should have:

**EITHER** a good relevant first degree in computing, computing science or a numerate subject (such as mathematics, physics, engineering, IS or multimedia)

**OR** substantial commercial/industrial experience.

- Both routes must include software development experience using modern programming languages and design.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS). On successful graduation from this degree, the student will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP) and partially fulfilled the education requirement for registration as a Chartered Engineer (CEng) or Chartered Scientist (CSci). For a full Chartered status there are additional requirements, including work experience. Please contact the BCS for further information.

### Career options

Graduates from this programme can pursue careers as consultants or senior team members developing distributed applications.

# Computing and Information Systems

## MSc

This programme is designed for graduates with a good first degree who have had no formal academic training in computing. It is especially useful for those with an interest in getting into the IT-related job market, or who are already working in the area but would like formal training and up-to-date skills. This programme has been very successful in providing students with new job opportunities in the computing industry. Typically, our postgraduates find work as business analysts, web designers, system developers or programmers, project managers, or in IT support and training. There is an increasing need in industry for professionals in all fields to have an in-depth knowledge of modern software tools and the principles of good software engineering. This programme provides a firm foundation in both these areas.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- MSc Induction
- Applications Development (15 credits)
- Systems Planning and Management (15 credits)
- Interaction Design (15 credits)
- Systems Analysis (15 credits)
- Internet and Web Technologies - Open Source (15 credits)
- Internet and Intranet Technologies - Enterprise Systems (15 credits)
- Database Management (15 credits)
- Integrated Business Office Systems (15 credits)

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time  
 2 years part-time  
 Block release according to circumstances  
 September or January start

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

- Potential applicants who have substantial commercial or industrial experience but who lack formal qualifications should seek an interview with the programme leader.

### Assessment

Students are assessed through examinations, coursework and a project.

### Career options

Graduates from this programme can pursue careers as IT consultants, Internet and web developers or IT managers.



# Data Warehousing and Data Mining

## MSc

Drawing on the School's research excellence in this area, this innovative programme of study in data warehousing and data mining is designed to give graduates a competitive advantage through business intelligence.

This is one of the first MSc programmes in the UK covering these leading-edge technologies. The programme provides students with the deeper knowledge, advanced skills and understanding that will allow them to contribute to the development and design of distributed/Internet-enabled decision support application software systems, using appropriate technologies, architectures and techniques (e.g. data warehousing, data mining, distributed data management and technologies).

Additionally, the programme enables students to understand and assess the security and legal implications of e-commerce applications and provides students with appropriate knowledge of business and commerce relevant to transacting business on the Internet. The courses take a software engineering approach to the construction of applications and focus on modern software engineering methods, tools and techniques that enable an integrated life-cycle software development view.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Data Warehousing (15 credits)
- Distributed Data Management Technology (15 credits)
- Distributed Data Architecture and Management (15 credits)
- Data Mining and Knowledge Discovery in Databases (15 credits)

Four 15-credit options (60 credits) from:

- Web Engineering
- E-Business Applications
- Software Tools and Techniques
- Enterprise Web Engineering
- Software Engineering Management
- Enterprise Software Engineering Development
- Network and Internet Technologies and Design
- Network Management
- Network Security
- Computer Security and Risk Analysis
- Operating System and Application Server Security
- Mobile Application Development
- Database Tools
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- Visual Interactive Programming
- Enterprise Systems Integration

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry. In addition, some options are negotiable, indicating that a course selection will need to be approved prior to the student undertaking the requested option.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time  
2 years part-time  
Block release according to circumstances.  
September or January start

### Entry requirements

Applicants should have:

**EITHER** a good relevant first degree in computing, computing science or a numerate subject (such as mathematics, physics, engineering, IS or multimedia).

**OR** substantial commercial/industrial experience.

Both routes must include software development experience using modern programming languages.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS). On successful graduation from this degree, the student will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP) and partially fulfilled the education requirement for registration as a Chartered Engineer (CEng) or Chartered Scientist (CSci). For a full Chartered status there are additional requirements, including work experience. Please contact the BCS for further information.

### Career options

Graduates from this programme can pursue careers as consultants, senior team members, programmers, analysts, database designers and administrators.

# Enterprise Software Engineering

## MSc

This programme involves advanced software engineering modelling concepts and practice for building modern enterprise software systems, distributed programming, software technologies and architectures, and e-commerce concepts and strategies for building Internet-enabled enterprise systems.

The main tasks facing industry at the moment involve the design and development of new Internet-enabled systems, the integration of legacy systems into intranets and extranets, and advanced Internet publishing. There is a recognised need for the efficient management of the software engineering process using modern approaches to software project management.

There is also a pressing need for people with skills in designing, building and maintaining modern enterprise systems, project management and management of the software engineering process. These skills should be accompanied by an appreciation of the business context and market forces behind the new technologies.

This programme educates students in the theory, practice, tools and applications necessary for the design, management and deployment of enterprise computing systems.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Enterprise Patterns and Frameworks (15 credits)
- Programming Enterprise Components (15 credits)
- Software Engineering Management (15 credits)
- Enterprise Software Engineering Development (15 credits)

Four 15-credit options (60 credits) chosen from:

- Web Engineering
- Network Security
- Distributed Data Architecture and Management
- Data Warehousing
- Data Mining and Knowledge Discovery in Databases
- Enterprise Web Engineering
- Network Management
- Mobile Application Development
- Computer Security and Risk Analysis
- Operating System and Application Server Security
- Distributed Data Management Technology
- E-Business Applications
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- Network and Internet Technologies and Design
- 3D Computer Graphics
- Business Intelligence
- Network Architectures and Services
- Enterprise Systems Integration

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry. In addition, some options are negotiable, indicating that a course selection will need to be approved prior to the student undertaking the requested option.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

Block release according to circumstances

September or January start

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university in computer science or a related discipline.

**PLUS** a good working knowledge of a programming language such as Java although C++ is also acceptable.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional accreditation

This programme is accredited by the British Computer Society (BCS). On successful graduation from this degree, the student will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP) and partially fulfilled the education requirement for registration as a Chartered Engineer (CEng) or Chartered Scientist (CSci). For a full Chartered status there are additional requirements, including work experience. Please contact the BCS for further information.

### Career options

Graduates from this programme can pursue careers in such areas as the integration of legacy systems into intranets or extranets and advanced Internet publishing. Students also have an appreciation of the business context and role of market forces.

# Mobile Computing and Communications

## MSc

This programme provides a knowledge of advanced networking and mobile technologies, and software development technologies and architectures. This will enable graduates from this programme to contribute to the planning, design and management of the modern enterprise computer systems that make use of mobile devices and communications.

Students are expected to gain the necessary understanding of the current technologies and architectures that provide the network and communications infrastructure for mobile-enabled enterprise computer systems. They also develop skills in the design of modern distributed software systems, using appropriate technologies, architectures and techniques, and in the advanced network technologies supporting the upper layers, together with their planning, management and security.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Network Security (15 credits)
- Network Management (15 credits)
- Network and Internet Technologies (15 credits)
- Network Architectures and Services (15 credits)

At least one 15-credit option from:

- Mobile Applications Development (15 credits)
- Mobile Technologies (15 credits)

Up to three 15-credit options from (up to 45 credits):

- Software Engineering Management
- Enterprise Software Engineering Development
- Software Tools and Techniques
- Web Engineering
- Enterprise Web Engineering
- Distributed Data Management Technology
- Distributed Data Architecture and Management
- E-Business Applications
- Data Warehousing
- Data Mining and Knowledge Discovery in Databases
- Computer Security and Risk Analysis
- Operating System and Application Server Security
- High Performance Systems Engineering
- High Performance Distributed Memory System
- Visual Interactive Programming

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time  
2 years part-time  
Block release according to circumstances  
September or January start

### Entry requirements

Applicants should have:

A good relevant first degree in computing, computing science or a numerate subject which includes some computing, networking or communications (such as mathematics, physics, engineering, IS or multimedia).

- Exemptions to the above requirements may be given based upon Assessment of Prior Experiential Learning.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS). On successful graduation from this degree, the student will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP) and partially fulfilled the education requirement for registration as a Chartered Engineer (CEng) or Chartered Scientist (CSci). For a full Chartered status there are additional requirements, including work experience. Please contact the BCS for further information.

### Career options

Graduates from this programme can pursue careers as developers and mobile communications experts designing and creating mobile-enabled distributed computing systems.

# Software Engineering

## MSc

This study of software development tools and techniques for building modern distributed computer systems covers programming techniques and object-oriented software technologies and architectures. Students can choose courses from a range including distributed data management, concepts and strategies for building Internet-enabled e-commerce and Internet security, and web application development and technologies, as well as data warehousing and data mining, and networking technologies.

Currently, many important tasks facing industry, finance and commerce involve the development of new distributed and Internet-enabled systems, the integration of legacy systems into intranets and extranets, and Internet publishing.

There is a pressing need for people with knowledge and skills in designing, building and maintaining such systems. These skills should be accompanied by an appreciation of the business context and market forces behind the new technologies. Problem solving, professional ethics and practices, and the acquisition of transferable skills, permeate and underpin this programme of study and its constituent courses.

## Content

- Project and Dissertation (including a course in Research Methods) (60 credits)
- Software Tools and Techniques (15 credits)
- Software Engineering Management (15 credits)
- Enterprise Software Engineering Development (15 credits)
- Visual Interactive Programming (15 credits)

Four 15-credit options (60 credits) from:

- Web Engineering
- Enterprise Web Engineering
- Data Warehousing
- Distributed Data Management Technology
- E-Business Applications
- Data Mining and Knowledge Discovery in Databases
- Distributed Data Architecture Management
- Network Management
- Network and Internet Technologies and Design
- Network Security
- Computer Security and Risk Analysis
- Operating System and Application Server Security
- Mobile Application Development
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- Enterprise Patterns and Frameworks
- Programming Enterprise Components
- 3D Computer Graphics
- Business Intelligence

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry. In addition, some options are negotiable, indicating that a course selection will need to be approved prior to the student undertaking the requested option.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

Block release according to circumstances

September or January start

### Entry requirements

Applicants should have:

**EITHER** a good relevant first degree in computing, computing science or a numerate subject (such as mathematics, physics, engineering, IS or multimedia)

**OR** substantial commercial/industrial experience.

Both routes must include software development experience.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS). On successful graduation from this degree, the student will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP) and partially fulfilled the education requirement for registration as a Chartered Engineer (CEng) or Chartered Scientist (CSci). For a full Chartered status there are additional requirements, including work experience. Please contact the BCS for further information.

### Career options

Graduates from this programme can pursue careers as consultants or senior team members developing distributed applications.

# Computer Systems and Network Engineering

## MSc

This is a programme of study that involves networking, software development technologies and architectures for the design and management of modern distributed computer systems and networks. The emphasis is on a software engineering approach based on sound modern software engineering project management methods, tools and techniques, which enable an integrated lifecycle systems development view.

The programme aims to provide graduates with the knowledge, skills and understanding required to allow them to contribute to the planning, design and management of modern network based computer systems. Students will gain the understanding of current technologies and architectures necessary for the network and communications infrastructure of enterprise computer systems.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Enterprise Software Engineering Development (15 credits)
- Software Engineering Management (15 credits)
- Software Tools and Techniques (15 credits)
- Visual Interactive Programming (15 credits)
- Network and Internet Technologies and Design (15 credits)
- Network Management (15 credits)

Two 15-credit options (a total of 30 credits) chosen from:

- Distributed Data Management Technology
- Distributed data Architecture and Management
- Data Warehousing
- Web Engineering
- Enterprise Web Engineering
- Data-Mining and Knowledge Discovery in Databases
- Mobile Application Development
- E-Business Applications
- Network Security
- Computer Security and Risk Analysis
- Operating Systems and Application server security
- High Performance Systems Engineering
- High Performance Distributed Memory Systems

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry. In addition, some options are negotiable, indicating that a course selection will need to be approved prior to the student undertaking the requested option.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich campus

### Attendance

- 1 year full-time
- 2 years part-time
- Block release according to circumstances.
- September or January start

### Entry requirements

Applicants should have:

**EITHER** A good first degree in computing, computing science or a numerate subject (such as maths, physics, engineering, IS, multimedia) which includes some software development and some computer networking or communications

**OR** substantial commercial/industrial experience including software development using modern programming languages and design.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme has not yet been submitted for accreditation by the British Computer Society (BCS). In line with other programmes being run by the department, it is the expectation that the programme would be submitted at an appropriate time.

### Career options

Upon successful completion of this Master's programme students are expected to be proficient in the development of new enterprise distributed and/or web-enabled systems, the integration of legacy systems into intranets or extranets, and advanced internet publishing. They will also have design skills of the necessary network and communications infrastructure for distributed computer systems. Students should be able to work as consultants or senior team members developing distributed applications.

# Enterprise Systems and Data Warehousing

## MSc

This programme is aimed at students who require both academic and technical training in advanced information technology. It is designed to meet the needs of practising IT professionals and to foster an appreciation of the theoretical foundations and academic framework for such personnel. It also provides an entry point to the IT industry for graduates by supplying high-level technical training to supplement the academic content.

The programme is of particular interest to those who wish to develop enterprise-level database systems. It is supported by Oracle technology, which is widely used in industry for a diverse range of information needs. Those working in the IT industry, as well as anyone seeking a higher academic qualification in database technology and information systems, gain practical skills in Oracle technology, which are in short supply, and are able to develop database systems using the latest technology. Students also acquire the project management skills necessary for IT consultancy and strategic decision making.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Database Architectures and Technology (15 credits)
- Database Tools (15 credits)
- System Modelling (15 credits)
- Data Warehousing (15 credits)

Four 15-credit options (60 credits) from:

- Business Analytic Reporting
- IT Application Security and Control
- Audit and Security
- Interaction Design
- Internet and Intranet Technologies - Enterprise Systems
- Internet and Web Technologies - Open Source
- Systems Planning and Management
- Computer Security and Risk Analyst
- Enterprise Programming and Architecture
- Project Management
- Web and Intranet Content Management

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

Block release according to circumstances

September or January start

### Entry requirements

Applicants should have:

A good first degree in information systems or another computing-related subject.

- Potential applicants who have substantial commercial or industrial experience but who lack formal qualifications should seek an interview with the programme leader.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS) and can lead to full exemption from the BCS Postgraduate Diploma and Postgraduate Diploma Project. Additionally, this qualification gives partial chartered engineer (CEng) status and can be combined with a partial CEng from an accredited BSc programme to give full CEng status.

### Career options

Graduates from this programme can pursue careers as database administrators, IT consultants, Oracle developers or IT managers.

# Information Security and Audit

## MSc

This programme is suitable for both the newcomer to computer security and auditing and the practitioner who wishes to further their skills. It covers relevant skills, software and hardware technologies as well as more theoretical studies that underpin everyday practice. Graduates will therefore be able to contribute quickly to the well-being of corporate IT and informational assets.

## Content

- Project including a course in Critical Thinking and Research Methods - a substantial individual project on a topic chosen by the student
- Computer Security and Risk Management
- Information, Security and Control
- Audit and Security
- Internet and Intranet Technologies - Enterprise Systems

Plus four options chosen from:

- Systems Planning and Management
- Mobile Application Development
- Strategic IT for e-Business
- E-Business Applications
- Network Security
- System Modelling
- Computer Crime and Forensics
- Interaction Design
- Operating System and Application Server Security
- Network Management

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich campus

### Attendance

- 1 year full-time
- 2 years part-time
- September or January start

### Entry requirements

The entry criteria for this programme are a good first degree (lower second or above) in information systems, or computing related subjects from a UK university or equivalent. However, the university's overarching criterion for access (the reasonable expectation that any individual admitted would be able to meet the learning outcomes at the standard required for the award) is paramount. This means that a practicing professional with suitable experience but without a suitable first degree may be admitted to the programme subject to the criteria stated earlier.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme has full CITP accreditation (further learning) from the British Computer Society (BCS), the chartered body responsible for establishing and maintaining technical and ethical standards in the computing profession. This means that on successful graduation from this degree, you will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP).

### Career options

Upon successful completion of this Master's programme students should be proficient in computer auditing or security and will be in a position to follow careers in these areas.

# Information and Communications Technology

## MSc

This programme aims to provide graduates with the state-of-the-art technical and management knowledge that is urgently needed by the competitive and global industries that exploits information technologies in business. The programme blends engineering, management and ICT to help broaden the skills and experience of the user.

Students can study a range of subjects leading to MSc Information and Communications Technology or, by selecting certain option and project combinations, can specialise in e-technology or operations technology.

## Content

- Strategy and Management (15 credits)
- Research Methodology (15 credits)
- E-Technology (30 credits)
- Engineering of Advanced Distributed Systems (30 credits)
- Advanced Database Applications (15 credits)
- Database Security and Administration (15 credits)
- Individual Project (60 credits)

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A good degree (2.2 or above) in an engineering or computing discipline or an equivalent qualification.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Students without a first degree but with professional and vocational experience, (e.g. incorporated engineer (IEng) or chartered engineer (CEng) status) are considered on an individual basis.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Career options

The skills developed are relevant across the spectrum of engineering disciplines in both public and private sector companies.



# Information Systems Management

## MSc

We live in a world increasingly dependent upon the use of technology and information. The art of representing information by technology is fast becoming an inexact and blurred science. The information engineer of the future must be equipped with the appropriate skills to meet these challenges. Managing various aspects of information systems used by companies is one of the key skills required by computing and IT specialists.

This programme aims to provide students with a sound knowledge of planning and control of information systems. It gives students the skills and knowledge of tools to build effective systems incorporating databases and front-end, web-based technologies.

The programme develops students' ability to critically analyse information and effectively apply methods to understand information and information systems. Students are able to make informed decisions concerning the use of information systems in a business environment. In addition, they develop the project management skills required for IT consultancy and strategic decision making.

## Content

- Project/Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Information Methods and Culture (15 credits)
- Systems Planning and Management (15 credits)
- System Modelling (15 credit)
- Project management (15 credits)

Options (60 credits) from:

- Data Warehousing or Application Development
- Internet and Web Technologies - Open Source
- Strategic IT in E-Business
- Requirements Analysis
- Internet and Intranet Technologies - Enterprise Systems
- Interaction Design
- Audit and Security
- Business Analytical Reporting
- Outsourcing and IT Management
- Web and Intranet Content Management

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time  
2 years part-time  
Block release according to circumstances  
September or January start

### Entry requirements

Applicants should have:

A good first degree in information systems or a computing-related degree.

- Applicants with substantial commercial or industrial experience but lack formal qualifications should seek an interview with the programme leader.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS). The programme can lead to full exemption from the BCS Postgraduate Diploma and Postgraduate Diploma Project. Additionally, this qualification gives partial chartered engineer (CEng) status and can be combined with a partial CEng from an accredited BSc course to give full CEng status.

### Career options

Graduates from the programme can pursue careers as IT consultants or IT managers.

# Information Technology with E-Business

## MSc

This programme is designed for graduates with a good first degree who have had no formal academic training in computing. It is especially useful for those with an interest in getting into the IT-related job market or for those who are already working in the area but would like formal training and up-to-date skills.

The programme has been designed to enable students to pursue a particular specialism in the areas of e-business. Students specialise in the area of their choice and undertake a specialist project.

On successful completion of their programme, students are proficient in the development of Internet, web and database technologies. They also have the required skills in project management for IT consultancy and strategic decision making.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods)
- MSc Induction
- Applications Development
- Systems Planning and Management
- Interaction Design
- Systems Analysis
- Internet and Web Technologies - Open Source
- Integrated Business Office Systems
- Strategic IT for E-Business
- Internet and Intranet Technologies - Enterprise Systems

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

Block release according to circumstances

September or January start

### Entry requirements

Applicants should have:

A good first degree in any discipline.

- Potential applicants who have substantial commercial or industrial experience but who lack formal qualifications should seek an interview with the programme leader.

### Assessment

Students are assessed through examinations, coursework and a project.

### Career options

Graduates from this programme with a security specialism can pursue careers as IT security managers or auditors; graduates with an e-business specialism can pursue careers as business analysts or consultants.

# Information Technology with Security

## MSc

This programme is designed for graduates with a good first degree who have had no formal academic training in computing. It is especially useful for those with an interest in getting into the IT-related job market or for those who are already working in the area but would like formal training and up-to-date skills.

The programme has been designed to enable students to pursue a particular specialism in the areas of security. Students specialise in the area of their choice and undertake a specialist project.

On successful completion of their programme, students are proficient in the development of Internet, web and database technologies. They also have the required skills in project management for IT consultancy and strategic decision making.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods)
- MSc Induction
- Applications Development
- Systems Planning and Management
- Interaction Design
- Systems Analysis
- Internet and Web Technologies - Open Source
- Integrated Business Office Systems
- Systems Architectures
- Audit and Security

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time  
2 years part-time  
Block release according to circumstances  
September or January start

### Entry requirements

Applicants should have:

A good first degree in any discipline.

- Potential applicants who have substantial commercial or industrial experience but who lack formal qualifications should seek an interview with the programme leader.

### Assessment

Students are assessed through examinations, coursework and a project.

### Career options

Graduates from this programme with a security specialism can pursue careers as IT security managers or auditors; graduates with an e-business specialism can pursue careers as business analysts or consultants.

# Management of Business Information Technology

MA/MSc

This programme teaches students the skills required to manage a software project by producing criteria to monitor the project's progress and measure outcomes. Students learn how to formulate requirements for a business system and are giving an underpinning in the nature of software development and its inherent complexity. The programme also covers system modelling and user interface and database design. Students learn to develop a system from determining its requirements and graphic user interface to database implementation.

This programme is of particular interest to those with a first degree in business or with business experience. Students are given an understanding of the information technologies upon which e-commerce is built and how these technologies provide us with new ways of organising and managing business. On successful completion of this programme, students should be proficient in the development of Internet, web and database technologies. They should also have the project management skills required for IT consultancy and strategic decision making.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- MSc Induction
- Applications Development (15 credits)
- Strategic IT in E-Business (15 credits)
- Systems Planning and Management (15 credits)
- Audit and Security (15 credits)
- Systems Analysis (15 credits)
- Interaction Design (15 credits)
- Internet and Intranet Technologies (15 credits)
- Database Management (15 credits)

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time (evenings)

September/January start

### Entry requirements

Applicants should have:

A good first degree in any discipline.

- Potential applicants who have substantial commercial or industrial experience but who lack formal qualifications should seek an interview with the programme leader.

### Assessment

Students are assessed through examinations, coursework and a project.

### Career options

Graduates from this programme can pursue careers as business analysts, IT consultants, Internet and web developers or IT managers.

# Internet Technology and E-Commerce

## MSc

This advanced programme of study involves distributed programming, software technologies and architectures, and e-commerce concepts and strategies for building Internet-enabled e-commerce systems. The main tasks facing industry at the moment involve the development of new Internet-enabled systems, the integration of legacy systems into intranets and extranets, and advanced Internet publishing.

There is a pressing need for people with skills in designing, building and maintaining such systems. These skills should be accompanied by an appreciation of the business context and market forces behind the new technologies. This programme educates graduates in the applications necessary for the deployment of distributed computing systems over the Internet.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Enterprise Patterns and Frameworks (15 credits)
- Programming Enterprise Components (15 credits)
- Web Engineering (15 credits)
- E-Business Applications (15 credits)
- Network Security (15 credits)

Three 15-credit options (45 credits) from:

- Distributed Data Management Technology
- Distributed Data Architecture and Management
- Data Warehousing
- Data Mining and Knowledge Discovery in Databases
- Enterprise Web Engineering
- Network and Internet Technologies and Design
- Network Management
- Mobile Applications Development
- Software Engineering Management
- Enterprise Software Engineering Development
- Computer Security and Risk Analysis
- Operating System and Application Server Security
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- 3D Computer Graphics
- Business Intelligence
- Network Architectures and Services

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time  
2 years part-time  
Block release according to circumstances  
September or January start

### Entry requirements

Applicants should have:

A good honours degree in computer science or a related discipline.

**PLUS** a good working knowledge of programming in Java although C++ is also acceptable.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS). On successful graduation from this degree, the student will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP) and partially fulfilled the education requirement for registration as a Chartered Engineer (CEng) or Chartered Scientist (CSci). For a full Chartered status there are additional requirements, including work experience. Please contact the BCS for further information.

### Career options

Graduates from this programme can pursue careers involving the development of new Internet-enabled systems, the integration of legacy systems into intranets or extranets, and advanced Internet publishing.

# Web Design and Content Planning

MA

This programme takes graduates from many disciplines and provides them with the skills to plan, design, build and promote effective websites. It is aimed both at people who manage corporate websites and at those who wish to start their own web business. The design of excellent websites presents a notable intellectual challenge and, during the programme, students develop a modern, professional and 'real-world' approach. Our objective is to provide a balanced education in the three main aspects of web design and content management: technical, functional and aesthetic.

The technical aspects of the teaching provide an understanding of the tools, technologies and principles used for the design and development of contemporary websites. This includes the creation of semantically correct markup, the separation of presentation from content (HTML and CSS) and compliance with web standards (W3C).

The functional aspects focus on the creation of websites with good information architecture that are accessible, useable and findable as a result of effective search engine marketing and optimisation (SEM/SEO). Students learn how people use the web, how they navigate web content and how they search for information.

The aesthetic aspects of web design are considered in relation to graphic, artistic, typographic and business objectives, including corporate identity and branding.

Student competence in these three aspects of web design is demonstrated by their delivery of a fully-functioning website for their Web Thesis Project at the end of the programme.

Typically, our students fall into three groups: those with web-related skills (often self-taught) who need a structured and balanced approach to further study; those who are involved with the web and need new skills to develop their present careers; those who have decided on a career change and see web design and content management as a new opportunity.

For further information please visit [www.websitearchitecture.co.uk](http://www.websitearchitecture.co.uk).

Aims of the programme:

- To equip students with a professional level of competence in web design and content management.
- To give non-designers an understanding and appreciation of design.
- To provide students with the opportunity of creating a live website and to measure its success.
- To help students become familiar with the growing and fast-evolving body of knowledge within this new design discipline.

## Content

- Webpage Design (40 credits)
- Website Planning (20 credits)
- Content Management (20 credits)
- Applied Art for the Web (40 credits)
- Web Thesis Project (60 credits)

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

- 1 year full-time
- 2 years part-time

### Entry requirements

Applicants should have:

A good honours degree or equivalent professional qualification.

**PLUS** a working knowledge of computer operating systems (Windows or Mac OS), a good understanding of file management and competence in the use of standard office software.

**AND** a computer and reliable broadband access to the Internet at their place of residence.

- Where English is not the first language, a language qualification is required, such as IELTS scoring 6.5 or higher.
- Applicants may be interviewed.

### Assessment

Students are assessed through coursework, a portfolio of project work and their involvement with online activities.

### Career options

This programme offers enhanced skills for use within the applicant's current career or a new career in web design.

# Web Technology

## MSc

This is an advanced programme of study involving distributed programming and software technologies and architectures for building Internet-enabled enterprise systems.

Currently, the main tasks facing industry involve the development of new Internet-enabled systems, the integration of legacy systems into intranets or extranets, and advanced Internet publishing. There is a pressing need for people with skills in designing, building and maintaining such systems. This programme educates graduates in the applications necessary for the deployment of distributed computing systems over the Internet.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Web Engineering (15 credits)
- Enterprise Web Engineering (15 credits)
- Enterprise Patterns and Frameworks (15 credits)
- Programming Enterprise Components (15 credits)

Four 15-credit options (60 credits) from:

- Distributed Data Architecture and Management
- Data Warehousing
- Data Mining and Knowledge Discovery in Databases
- E-Business Applications
- Mobile Applications Development
- Network Security
- Network Management
- Distributed Data Management Technology
- Computer Security and Risk Analysis
- Operating System and Application Server Security
- Software Engineering Management
- Enterprise Software Engineering Development
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- Network and Internet Technologies and Design
- 3D Computer Graphics
- Network Architectures and Services

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry. In addition, some options are negotiable, indicating that a course selection will need to be approved prior to the student undertaking the requested option.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

- 1 year full-time
- 2 years part-time
- Block release according to circumstances
- September or January start

### Entry requirements

Applicants should have:

A good honours degree in computer science or a related discipline.

**PLUS** a good working knowledge of a programming language such as Java although C++ is also acceptable.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS). On successful graduation from this degree, the student will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP) and partially fulfilled the education requirement for registration as a Chartered Engineer (CEng) or Chartered Scientist (CSci). For a full Chartered status there are additional requirements, including work experience. Please contact the BCS for further information.

### Career options

Graduates from this programme can pursue careers as consultants or as senior members of software systems development teams.

# Computer Forensics and Systems Security

## MSc

This programme is suitable for both newcomers to computer security and computer forensics and practitioners who wish to further their skills. It covers relevant skills, software and hardware technologies, and the more theoretical studies that underpin everyday practice. It ensures that students have a basic understanding of the legal and regulatory requirements and the international standards pertaining to computer security in different nations.

Students gain knowledge of computer crime, police and forensic methods, and the legal requirements for collecting evidence.

At the end of the programme, students are able to administer and configure business-critical distributed applications. They also gain an understanding of the threats to business networks and servers.

The programme includes hands-on training in current forensic tools used by the police, e.g. EnCase, FTK and WinHex. Students can therefore contribute quickly to the well-being of corporate IT and informational assets.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Network Security (15 credits)
- Computer Crime and Forensics (15 credits)
- Computer Security and Risk Analysis (15 credits)
- IT Application Security and Control (15 credits)
- Network and Internet Technologies and Design (15 credits)
- Operating System and Application Server Security (15 credits)

Two 15-credit options chosen from:

- Audit and Security
- E-Business Applications
- Network Management
- Web Engineering
- Software Engineering Management
- Enterprise Software Engineering Development
- Distributed Data Management Technology
- Distributed Data Architecture and Management
- Data Mining and Knowledge Discovery in Databases
- Mobile Technologies
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- Network Architectures and Services
- Software Tools and Techniques
- Visual Interactive Programming

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry. In addition, some options are negotiable, indicating that a course selection will need to be approved prior to the student undertaking the requested option.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

Block release according to circumstances

September or January start

### Entry requirements

Applicants should have:

A good first degree in computer science, information systems or another computing-related subject.

- Potential applicants who have substantial commercial or industrial experience but who lack formal qualifications should seek an interview with the programme leader.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS). On successful graduation from this degree, the student will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP) and partially fulfilled the education requirement for registration as a Chartered Engineer (CEng) or Chartered Scientist (CSci). For a full Chartered status there are additional requirements, including work experience. Please contact the BCS for further information.

### Career options

Upon successful completion of this programme, students are proficient in computer security and systems security and are in a position to follow careers in these areas.



# Computer Networking

## MSc

This programme is for graduates of computer science or computer engineering who wish to develop specialist computer networks, including local area networks, wide area networks and associated infrastructure. The programme has a particular emphasis on network security, performance and administration. Options enable students to specialise in particular aspects of network management.

As well as professional, analytical and management skills, students gain technical skills and knowledge at an advanced level. In particular, this programme develops the specific subject specialism, which is underpinned by a major research project. A thorough understanding of concepts and methodologies of research, and practical transferable skills, are essential to engineers involved in research and development projects. Such methods also form an essential part of the individual project undertaken during this programme.

## Content

- Engineering and Management of Secure Computer Networks (30 credits)
- Network Performance and Administration (30 credits)
- Advanced Digital Communications Networks (30 credits)
- Research Methodology (15 credits)
- Strategy and Management (15 credits)
- Individual Project and Dissertation (60 credits)

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A good degree (2.2 or above) in computer science, computer engineering or a related discipline.

- Students educated in a language other than English should have an IELTS score of 6.0 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applicants without a first degree but with vocational and/or professional qualifications and/or experience (e.g. chartered engineer status) are considered on an individual basis, subject to demonstrating the potential to succeed.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Career options

This programme offers a wide variety of opportunities for network professionals, systems administrators and those with network security knowledge.

# Computer Systems and Networking

## MSc

This programme covers advanced networking, software development technologies and architectures for the design and management of network and distributed computer systems. It aims to provide graduates with the deep knowledge, skills and understanding required to enable them to contribute to the planning, design and management of modern network-based computer systems.

Students gain a thorough understanding of the current technologies and architectures necessary for the network and communications infrastructure of enterprise computer systems. They are also taught the necessary skills to develop and design modern distributed software systems using appropriate technologies, architectures and techniques (e.g. distributed component technologies, web applications technologies, web-enabled distributed databases, e-commerce, data warehousing and data mining). Students also develop an understanding of the advanced network technologies supporting the upper layers, together with their planning, management and security.

The focus of this programme is on a sound software engineering approach based on the methods, tools and techniques of modern software engineering project management. This enables students to adapt an integrated lifecycle systems development view.

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Network and Internet Technologies and Design (15 credits)
- Network Architectures and Services (15 credits)
- Network Security (15 credits)
- Network Management (15 credits)

Four 15-credit options (60 credits) from:

- Software Engineering Management
- Enterprise Software Engineering Development
- Software Tools and Techniques
- Mobile Technologies
- E-Business Applications
- Web Engineering
- Enterprise Web Engineering
- Distributed Data Management Technology
- Distributed Data Architecture and Management
- Data Warehousing
- Data Mining and Knowledge Discovery in Databases
- Computer Security and Risk Analysis
- Operating System and Application Server Security
- Mobile Application Development
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- Visual Interactive Programming

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry. In addition, some options are negotiable, indicating that a course selection will need to be approved prior to the student undertaking the requested option.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

Block release according to circumstances

September or January start

### Entry requirements

Applicants should have:

A good first degree in computing, computing science or a numerate subject which includes some computing, networking or communications (such as mathematics, physics, engineering, IS or multimedia).

- Students with substantial experience in one or more of the areas listed above may be eligible for exemption from specific courses based upon Assessment of Prior Experiential Learning.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS). On successful graduation from this degree, the student will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP) and partially fulfilled the education requirement for registration as a Chartered Engineer (CEng) or Chartered Scientist (CSci). For a full Chartered status there are additional requirements, including work experience. Please contact the BCS for further information.

### Career options

Graduates from this programme can pursue careers as developers, network planners, consultants and ICT managers.

# Computer Systems and Software Engineering

## MSc

This programme is for graduates of computer science or computer engineering who wish to develop a specialism in computer systems and advanced software engineering. The programme has particular emphasis on embedded hardware and distributed software systems. Option courses, along with the individual project, enable students to tailor a particular specialism to their own careers. As well as professional, analytical and management skills, students gain technical skills and knowledge at an advanced level.

The School seeks to make the postgraduate experience both challenging and rewarding and, by working closely with industry, strives to ensure the industrial relevance of its programmes.

## Content

- Strategy and Management (15 credits)
- Research Methodology (15 credits)
- Engineering of Advanced Distributed Systems (30 credits)
- Real-time Embedded Systems (15 credits)
- Design of Embedded Systems (15 credits)
- Advanced Database Applications (15 credits)
- Database Security and Administration (15 Credits)
- Individual Project and Dissertation (60 credits)

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A good degree (at least a 2.2) in computer science, computer engineering or a related discipline.

- Students educated in a language other than English should have an IELTS score of 6.0 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Candidates without a first degree but with vocational and/or professional qualifications and/or experience (e.g. chartered engineer status) are considered on an individual basis.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Career options

This programme offers a variety of opportunities for specialists in software engineering and embedded systems in a wide range of industry sectors.

# Network and Computer Systems Security

## MSc

This programme is designed for graduates with a good first degree in computer science, information systems or other computing-related subjects, with some knowledge of computer networks from study at undergraduate level. It is suitable for both new graduates wishing to specialise in computer security and IT professionals who wish to further their skills and move into this area. It covers relevant skills, software and hardware technologies, and the more theoretical studies that underpin everyday practice. In addition, it ensures that students have a basic understanding of the international standards and legal and regulatory requirements that pertain to computer security in different nations.

The programme also provides hands-on training in current industry-standard tools for implementing security (such as access control, authentication, encryption and key management). Graduates are therefore able to contribute quickly to the well-being of corporate IT and informational assets.

## Content

- Project/Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)
- Operating System and Application Server Security (15 credits)
- Computer Security and Risk Analysis (15 credits)
- Network Security (15 credits)
- IT Application, Security and Control (15 credits)
- Network Management (15 credits)
- Network and Internet Technologies and Design (15 credits)

Two 15-credit options (30 credits) chosen from:

- Audit and Security
- Computer Crime and Forensics
- Mobile Technologies
- Mobile Application Development
- E-Business Applications
- Web Engineering
- Software Engineering Management
- Distributed Data Management Technology
- Distributed Data Architecture and Management
- Data Mining and Knowledge Discovery in Databases
- Enterprise Software Engineering Development
- High Performance Systems Engineering
- High Performance Distributed Memory Systems
- Network Architectures and Services
- Software Tools and Techniques
- Visual Interactive Programming

The availability of some courses is subject to satisfying constraints that may come into effect in the year of entry.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

Block release according to circumstances

September or January start

### Entry requirements

Applicants should have:

A good first degree (at least a 2.2) in computer science or an equivalent qualification, with some knowledge of computer networks from undergraduate study.

- If candidates fall short of these requirements, relevant work experience may be taken into consideration. See the School entry requirements for more details.

### Assessment

Students are assessed through examinations, coursework and a project.

### Professional recognition

This programme is accredited by the British Computer Society (BCS). On successful graduation from this degree, the student will have fulfilled the academic requirement for registration as a Chartered IT Professional (CITP) and partially fulfilled the education requirement for registration as a Chartered Engineer (CEng) or Chartered Scientist (CSci). For a full Chartered status there are additional requirements, including work experience. Please contact the BCS for further information.

### Career options

Upon successful completion of this programme, students are proficient in computer security and systems security and are in a position to follow careers in these areas.

# Applied Mathematical Modelling and Scientific Computing

## MSc

Mathematical modelling applied to industrial applications is a rapidly growing discipline that brings together the power of computers and the physical sciences. Computer-based simulations and graphical visualisation are now playing a key role in industrial mathematical modelling, scientific investigations and engineering design. This interdisciplinary area uses the technology of the computer to analyse problems that would be too expensive, dangerous, or even impossible, to study by direct experimentation alone.

Virtual prototyping, using modelling and software technologies, is now a key process in reducing the overall cost of designing and manufacturing new products. The growth in the number of organisations developing and accessing these technologies has led to a dramatically increased industrial requirement for skilled people in this exciting area. This programme addresses this need by providing a detailed insight into the industrial modelling, numerical software and hardware technologies that are used. It also demonstrates how these technologies can be effectively employed in solving real-world problems.

Students are given the opportunity to specialise within the broad area of applied mathematical modelling and scientific computing. To do so they select suitable combinations of core courses and open options approved by the programme committee and the programme leader. This specialist focus is reflected in a change of programme title. Alternative titles are:

- MSc Applied Industrial Modelling
- MSc Computational Mechanics, Reliability and Risk Analysis
- MSc Scientific Computing
- MSc Scientific and Engineering Software

You can view further information by logging on to the programme page online at [www.gre.ac.uk/courses/pg/cms](http://www.gre.ac.uk/courses/pg/cms).

## Content

- Project and Dissertation (including a course in Critical Thinking and Research Methods)(60 credits)
- Core Technologies for Applied Modelling (15 credits)
- Seven 15-credit options (105 credits)

Specialist courses available include:

- Business Relevance and Project Methodology
- Computational Fluid Dynamics
- Knowledge Discovery and Data Mining
- Enterprise Software Engineering Development
- Finite Element Analysis and Optimisation
- Principle and Practice of Evacuation Modelling
- Principles and Practice of Fire Modelling
- Reliability and Risk Analysis
- Software Engineering Management

Students may also select from a range of options that are specific to a particular specialism.

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time  
2 years part-time  
Block release according to circumstances

### Entry requirements

Applicants should have:

A good first degree in engineering, physics, mathematics or a relevant related discipline.

- Applicants who have substantial commercial or industrial experience but who lack formal qualifications should seek an interview with the programme leader.

### Assessment

Students are assessed through examinations, coursework and a project.

### Career options

Graduates from this programme are equipped with the skills required to understand and use computational software technologies in industry.

# Applied Professional Studies

## PGCert/PGDip/MA/MSc

This series of linked awards (PGCert, PGDip, MA/MSc) enables graduate professionals in all sectors to enhance their continued professional development and lifelong learning through the negotiation of learning contracts, specifically developed work based learning initiatives and post graduate level academic study.

The programme also substantially builds upon professional expertise and prior learning and enables previously gained 'M level' credit to be incorporated into the individual's customised post graduate programme of study.

Aims of the programme:

- To effectively plan personal continuing professional development by linking professional endeavour and academic scholarship.
- To strategically link advanced professional practice and academic achievement as a way of leading and sustaining change in your place of work.
- To explore and effectively develop inter-professional and trans-professional working.
- To systematically plan and execute a major piece of independent work which informs and advances professionalism and influences strategic decision making.

## Content

### For PGCert

- Managing your Professional Development (15 credits)
- Negotiated Studies and/or taught Masters' level modules from any programme (15, 30 or 45 credits)

### For PGDip

- Research and the Professional (15 credits)
- Negotiated Studies and/or taught Masters' level modules from any programme (15, 30 or 45 credits)

### For MA/MSc

- Applied Professional Study (dissertation) (45 credits)
- Negotiated Studies and/or taught Masters' level modules from any programme (15 credits)

## Key facts

**Location** All campuses and own work place

### Attendance

1-3 years per stage

### Entry requirements

Applicants should have:

A good first degree

**OR** equivalent qualifications.

**PLUS** be in relevant employment.

### Assessment

Students are assessed through reflective portfolio, project reports, and evidence from past and current practice.

### Career options

This programme provides a framework for continuing professional development and career progression.

# International Criminology

## PGCert/PGDip/MA

This programme offers students the opportunity to study criminology at an advanced level. The MA encompasses in-depth investigation of major theoretical and substantive issues in contemporary criminology from a critical perspective and within an international context. Options exist for students to defer the programme at intermediate stages with a Postgraduate Certificate or Postgraduate Diploma.

The programme appeals to those wishing to extend their knowledge of criminology, to explore alternative approaches and perspectives, and broaden their understanding within an interdisciplinary, comparative and international context. Students develop advanced skills in critical analysis, research, and application in professional practice. The programme is also of interest to practitioners working in criminal justice, social care, crime prevention and community safety, youth offending and youth justice, forensics, child protection and victim support.

### Content

- Contemporary Issues in Criminology
- Crime Theory
- Comparative Criminological Research
- Research Dissertation

Options from a range including:

- Crime, Terrorism and the State
- Policing, Security and Crime Control
- International Human Rights Law
- Restorative Justice
- Politics of Globalisation
- Theoretical Perspectives in International Politics

### Key facts

**School** Humanities & Social Sciences

**Location** Greenwich Campus

#### Attendance

1 year full-time

2 years part-time

#### Entry requirements

Applicants should have:

A good honours degree, ideally in a social science subject.

- Applications from students with other backgrounds are welcomed.
- Each application is considered on its merits.

• Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system.

Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

#### Assessment

Students are assessed through their coursework and a dissertation.

#### Career options

Graduates from this programme progress to doctoral study, enhancing academic skills, subject enthusiasms and research.

# Professional Acting

## MA

Studying at ALRA on this full-time 15 month course prepares students for a career in the stage and screen industries.

Following three taught terms, where the focus is firmly on the core areas of acting, voice and movement, you will spend a further two terms applying your developing techniques to live and recorded performances. You will work on two theatre productions, a short film, showcases in a West End Theatre and a practical research project.

This comprehensive programme enables graduates and others with relevant experience to acquire and develop the practical skills necessary to sustain a career in theatre, television, film and radio. You will need substantial reserves of stamina and resourcefulness to take advantage of this highly intensive training.

The programme is supported with regular tutorials, workshops with practising professionals and industry lectures.

## Content

- Acting and Performance Studies (60 credits)
- Voice Studies (20 credits)
- Movement Studies (20 credits)
- Contextual Studies (20 credits)
- Practical Research Project (60 credits)

## Key facts

**School** Humanities & Social Sciences

**Location** Academy of Live and Recorded Arts (ALRA). Please apply direct to the College.

### Attendance

15 months full-time

### Entry requirements

Applicants should have:

A degree or equivalent qualification.

- We may consider applicants who do not have a degree-level qualification but who have an exceptional level of practical ability.
- You must be at least 21 years old at the start of the course.
- Selection is made on the basis of audition.
- Students who were educated in a language other than English should demonstrate a level of fluency appropriate to professional acting training.

### Assessment

Students are assessed through their coursework and a dissertation.

### Professional recognition

Students gain full Equity membership through accreditation by the National Council for Drama Training.

### Career options

Graduates from this programme can pursue careers as professional actors.



# Theatre Practices

## MA

This programme is designed to engage students in a varied, challenging and dynamic approach to the study and practice of theatre. Specifically, the programme is concerned with analysis and development of contemporary theatre-making as an emergent and infinitely varied set of practices. The courses encourage an interdisciplinary and exploratory approach to the study of core elements such as dramaturgy, directing and devising, and allow students to consider the potential for developing his/her understanding and practice of these core elements through detailed engagement with stimulating fields of contemporary performance and research such as digital performance, applied drama and music theatre. The MA encourages innovative and critical thinking in the analysis, practice and evaluation of theatre as a live art form and encompasses in-depth investigation of major theoretical ideas and performance trends.

This programme has five possible endorsements, which are designed to allow students to gain recognition for specialist study where they have completed a specific set of courses and undertaken a theatre project in that field. These are:

- MA Theatre Practices (Devising and Directing)
- MA Theatre Practices (Applied Drama)
- MA Theatre Practices (Playwriting)
- MA Theatre Practices (Music Theatre)
- MA Theatre Practices (Digital Performance)

Aims of the programme:

- To provide students with an opportunity to gain in-depth knowledge, experience and understanding of contemporary theatre practices informed by current scholarship.
- To alert students to current issues and debates in theatre and raise their critical awareness of developments in performance making and research.
- To provide students with a grounding in the core skills of dramaturgy, directing and devising and provide opportunities to develop specialist performance and facilitation skills in an interdisciplinary and collaborative environment.
- To enable students to locate their own work within the contemporary theatre scene and to provide continuing professional development opportunities through placements and mentoring.

## Content

### Core courses

- Research Practice Method (30 credits)
- Mapping the Scene (15 credits)
- Dramaturgy and Directing (15 credits)
- Theatre Project (60 credits)

### Option courses include:

- Applied Drama (15 credits)
- Theatre Making (15 credits)
- Writing Theatre (15 credits)
- Beyond the Black Box (15 credits)
- Work Placement (15 credits)
- Untimely Meditations (15 credits)

## Key facts

**School** Humanities and Social Sciences

**Location** Greenwich Campus

### Attendance

- 1 year full-time
- 2 years part-time

### Entry requirements

Applicants should have:

- 2.1 degree and/or relevant professional experience

### Assessment

Assessment includes - for the core courses - presentations, essays, workshops and performances, and a theatre project with agreed performative and academic outcomes. Option courses include a placement journal and report, laboratory notebook and case studies.

### Specialist equipment/facilities

- A fully equipped theatre with modular seating for 100, lighting rig, sound system and one full-time theatre technician and one part-time theatre technician.
- Mac computers with theatre sound, lighting and design software.
- Five rehearsal rooms.
- Digital performance lab fully equipped for interaction design in performance including multi-screen projections, real-time camera tracking system, Eobody2 HF and I-Cubex electronic sensor systems for performance, LED and laser set for lighting effects, Mac computers with IsadoraCore software for interaction design.
- Costume, prop, furniture, wood and paint stores, with building area.
- Dressing rooms.

### Career options

Graduates may pursue career opportunities in: theatre directing; performance; teaching; theatre in education and applied drama; arts administration and the creative industries.

# Business and Financial Economics

PGDip/MSc/MA

Internationalisation of the world economy and the policy challenges this has posed for business and public decision makers have increased the demand for economics graduates. The demand is evident in a wide range of national and international institutions, including central banks and finance ministries, commercial and investment banks, rating agencies, business organisations, international governmental and non-governmental organisations, central and local government departments, and economic and business media. The common denominator of the need felt by these potential employers is the ever increasing demand for high-quality, evidence-based decision making that require competence in applied economics and state-of-the-art data analysis.

This programme enables our graduates to respond to this increasing demand by combining solid training in theory and method with stimulating exposure to economics and financial data sources. The programme weaves a three-way linkage between business and financial economics theory, data analysis, and application of theory and method to policy and strategy issues in the world of business and finance.

Aims of the programme:

- To equip students with sound knowledge of business and financial economics, with a view to improve their analytical and problem-solving skills.
- Introduce students to new insights in the study of business and financial economics, with a view to develop critical and creative thinking skills.
- To equip students with the tools and methods necessary for analysing firms, markets and strategies; understanding the determinants of financial market performance; evaluating financial decisions; and understanding the strengths and limitations of national and international regulatory frameworks.
- To enable students to apply knowledge creatively to the study of specific issues such as: business organisation; innovation, integration, and product differentiation; economics of market efficiency or market failures; economics of uncertainty and investment decision criteria; and financial regulation.
- To equip students with a competent understanding of research and data analysis methods, including modeling, estimation, use of statistical software packages, access to databases, and data acquisition.

## Content

- Foundations of Scholarship and Research (7.5 credits)
- Advanced Professional Development and Research (7.5 credits)
- Statistical Methods for Research (15 credits)
- Business Economics: Markets and Strategies (15 credits)
- Economic Analysis of Business Performance (15 credits)
- Economics of Finance and Investment (15 credits)
- Economics of Financial Markets (15 credits)
- Micro-Finance in International Development (15 credits)
- Dissertation (45 credits)

Two 15-credit options (30 credits) from:

- Regulatory Institutions of the World Economy
- Global Business
- International Macroeconomics
- Global Enterprise and Innovation

## Key facts

**School** Business

**Location** Greenwich campus

### Attendance

1 year full-time (for September start)  
15 months full-time (for January start)

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A good first degree in economics, industrial organisation, financial management or public policy.

- Graduates in business studies, mathematics/IT, social sciences, and engineering are also welcome to apply - provided that economics or quantitative methods constitute a component of their studies.

- Students educated in a language other than English should have an IELTS score of 6.0 or equivalent as minimum. Applicants with higher scores will be given priority. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through coursework, presentations, projects, closed-book examinations and a dissertation.

### Career options

Our graduates acquire specialised and marketable skills in the areas of business economics, financial economics and quantitative data analysis. They can expect to find employment in: national and international business organisations; financial market institutions and banks; policy-making institutions; research centres and think-tanks, national and international NGOs; international governmental organisations; professional associations of business and industry; and business and economics media.

# Doctorate in Education

## EdD

The programme is intended for committed mid-career professionals in all areas of education, training and related professional fields. Participants come from a variety of organisations, including schools, colleges, universities, local authority advisory services, health and care services and other public and private sector organisations concerned with education and training.

Students are encouraged to write for publication during the programme and to study advanced research methods in the social sciences.

Aims of the programme:

- To provide professionals from education, training and allied fields with a doctoral programme at the forefront of professional and academic practice through taught coursework and a supervised thesis.
- To provide an overarching teaching and learning strategy designed to enable students to engage in the development of their roles as advanced professionals and researchers within the education, training, health and allied fields.
- To develop comprehensive, contemporary, advanced knowledge of content, research methods and theoretical context in an area of professional practice selected by the student, leading to a contribution to knowledge informed by original research and/or scholarship.

## Content

- Research Methodology
- Critical Analysis
- Preliminary Investigation
- Research/Writing for Publication
- Research Thesis

Two options chosen from:

- Education and Training Policy
- Teaching and Learning
- Leadership and Management
- Professionals in Society
- Curriculum Development

## Key facts

**School** Education

**Location** Avery Hill Campus

### Attendance

Part-time (fortnightly attendance usually on Thursday evenings and two weekend schools a year) September start.

Attendance requirement is mainly in the first two part-time study years of the 'taught' programme. After the first two years, students have a progression interview, which confirms progression to the 'Thesis' stage of Research, which lasts for 3-4 years part-time. In the 'Thesis' stage, students need to attend about nine Research Methods Workshops spaced throughout the year on Thursday evenings, plus the EdD weekends.

### Entry requirements

Applicants should have:

A Master's degree (not necessarily in education)

**AND** have at least three years' professional experience.

### Assessment

Students are assessed through assignments and a thesis, plus dissemination of work and a final doctoral viva.

### Career options

Graduates from this programme can pursue opportunities for middle and senior management.

# Early Years Professional Status

Within the Every Child Matters context, it is recognised that every child deserves the best early years care and education possible. Practitioners gaining Early Years Professional Status (EYPS) will act as 'change agents' improving practice in the early years. Early Years Professional Status is critical to raising the quality of early years provision.

It is the aim to have Early Years Professionals in all children's centres offering early years provision by 2010 and in every full daycare setting by 2015. The Children's Workforce Development Council believe that over time only those with EYPS should lead the delivery of the Early Years Foundation Stage (EYFS).

The early years professional will model the skills and behaviours that safeguard and promote good outcomes for children. They will have the leadership skills and personal qualities to: change practice; support and mentor others; raise expectations; and encourage and support learning and professional development.

EYPS is a graduate level status. Graduates with a wide range of experience and qualifications working in a range of settings and roles, as well as new recruits, are potential candidates for EYPS. The graduate's skills and expertise in early years determines the EYPS pathway that they will enrol in.

The four pathways to gain EYPS comprise of:

1. Validation pathway (4 months part-time, assessment only)
2. Short Extended Professional Development (Short EPD) pathway (6 months part-time)
3. Long Extended Professional Development (Long EPD) pathway (15 months part-time)
4. Full-Training pathway (12 months full-time)

Pathways 3 and 4, can be done alongside a BA Hons Early Years degree.

## Content

Depending on the EYPS pathway enrolled in, students study a selection of the following courses:

- Leading and Managing in Early Years (30 credits)
- Child Development and Learning: Birth to 5 years (30 credits)
- Mentor Development: The Practice-based Teacher (30 credits)
- Keeping Children Safe from Harm (15 credits)
- Curriculum and Assessment in the Early Years: Workplace Project (30 credits)

## Key facts

**School** Education

**Location** Avery Hill Campus

### Attendance

Each EYPS pathway has its own set of attendance requirements:

- September or January start for Validation and Short Extended Professional Development (Short EPD) pathways.
- September start for long EYP and full training pathways.

### Entry requirements

Applicants should have:

Early years foundation degree (Level 5) or an undergraduate degree (Level 6)

**AND** GCSE English and maths (A-C grade) or a recognised equivalent qualification

Applicants will need to attend interview.

### Assessment

Students are assessed through verbal and written assessment.

### Career options

Graduates from this programme can pursue early years professionals lead practice and the EYPS curriculum in a variety of early years settings.

### Please note:

Places on this programme are subject to the following conditions:

- Criminal Records Bureau check
- Occupational Health Screening

# Education

## MA

This programme aims to enable experienced professionals in schools, colleges and local education authorities, who have a commitment to their continued professional development and improved practice, to extend their knowledge, understanding and skills.

The programme is underpinned by the concepts of the educator as a reflective practitioner and the educator as a researcher', enabling practitioners to examine theory, interrogate and reflect on practice and create new knowledge. Students may make a claim for the accreditation of prior learning for National Professional Qualification for Headship (NPQH), Advanced Skills Practice or other professional development awards within their field.

The MA is currently taught in Utrecht in the Netherlands, five satellite locations in schools and local authorities in London, Essex and the South East, and at the University of Greenwich.

This programme is currently under review. Please see [www.gre.ac.uk](http://www.gre.ac.uk) for updates.

Aims of the programme:

- To provide experienced practitioners in education and training with a Master's programme aimed at extending academic knowledge and practice through research study and a supervised thesis.
- To support continuing professional development through the accreditation of prior learning and to enable practitioners to contribute to the effectiveness of their institution or organisation.

## Content

- Research Methods
- Research Project

## Key facts

**School** Education

**Location** Avery Hill/Greenwich Campus or a designated school or local authority location

### Attendance

3 years part-time (one evening per week)

### Entry requirements

Applicants should have:

A good honours degree.

### Assessment

Students are assessed through assignments and a research project.

### Career options

Graduates from this programme can pursue opportunities for middle and senior management.

# Higher Education

## PGCert

The programme is offered in three modes.

The in-service (attending) mode is for people already employed in higher education (HE) who need to gain a teaching qualification that allows them to register with the Higher Education Academy/Nursing and Midwifery Council. Attendance is on Wednesday afternoons during term time.

In-service (technology-enhanced, flexible) is for people already employed in HE who need to gain a teaching qualification recognised by the Higher Education Academy and the Nursing and Midwifery Council. There are two compulsory study days per academic year, normally Saturdays. Participants are given access to online materials to work through and tutors to support them.

The pre-service mode is for suitably qualified people who would like to teach in HE but are not yet employed in the sector. Participants attend classes Wednesday afternoons during term time and undertake at least 60 hours teaching practice on placement.

Those successful on this programme can join the MA Higher Education, or the MA Applied Professional Studies with advanced standing. NMC qualified participants can proceed to the MA Professional Practice in Health and Social Care with advanced standing.

Aims of the programme:

- To develop practical and evaluative skills necessary for teaching in higher education.
- To facilitate learning in a range of settings and give advanced professional development.
- To encourage the development of subject-specific pedagogy.

The programme covers the following topics:

- Learning theories and their application
- Diversity
- Purposes of assessment
- Learner support and guidance
- Teaching strategies
- Curriculum models
- Use of technology to facilitate learning
- Quality assurance
- Curriculum development and evaluation
- Teaching and learning in inter-professional Settings
- Evidence-based practice

## Content

- Learning, Teaching and Assessing
- Learning Design and Evaluation
- Professional Development in Higher Education

## Key facts

**School** Educational Development Unit  
(For more information e-mail ED@gre.ac.uk)

**Location** Greenwich Campus

### Attendance

- 1 year part-time (attendance)
- 1 year part-time (technology-enhanced, flexible)

### Entry requirements

Applicants should have:

A good honours degree

**AND** qualifications and experience appropriate to their specialist area sufficient to make them credible contenders for appointment to the higher education sector.

Applicants who wish to have their teaching qualification recorded by the Nursing and Midwifery Council (NMC) will need:

- A current entry on an appropriate part of the NMC register.
- Three years full-time experience (or equivalent part-time experience) in relevant professional practice.
- Professional knowledge at least to first degree level before commencing the programme.

### Assessment

Students are assessed through coursework and assessment of teaching practice.

### Professional recognition

This programme leads to recognition as a Fellow of the Higher Education Academy. For NMC registered participants, it also leads to a recordable qualification with the NMC.

### Career options

Graduates from this programme are qualified to teach in higher education.

# Higher Education

## PGDip/MA

These programmes are offered in flexible learning mode only.

Participants are required to attend two compulsory study days per academic year, normally on a Saturday. They are given materials to work through and tutors to support them.

On completion of the PGDip the participant can go on to complete a research dissertation and obtain an MA.

Aims of the programme:

- To develop practical and evaluative skills necessary for teaching in higher education.
- To facilitate learning in a range of settings and give advanced professional development.
- To encourage the development of subject-specific pedagogy (PGDip).
- To provide an opportunity to conduct a small scale enquiry project leading to a dissertation.

## Content

- Learning Theories and their Application
- Diversity
- Purposes of Assessment
- Learner Support and Guidance
- Curriculum Models
- Use of Technology to Facilitate Learning
- Quality Assurance
- Curriculum Development and Evaluation
- Change Theory and the Management and Implementation of Change
- Teaching and Learning in Inter-Professional Settings
- Evidence-Based Practice
- Policy Initiatives in an Institutional Context

### Courses:

- Learning and Teaching in Context
- Independent Study
- Research Dissertation

## Key facts

**School** Education

**Location** Greenwich Campus

### Attendance

2-3 years by flexible learning only.  
(For details of attendance see main text)

### Entry requirements

Applicants should have:

A good honours degree (the requirement varies depending on the chosen field to teach)

**AND** experience appropriate to the specialist area chosen to teach.

### For the PGDip

Nursing and midwifery students must have a minimum of three years' qualification experience.

- We are also pleased to consider nurses and midwives in the practice setting who have a specific teaching role and time allocated for carrying this out.

### Assessment

Students are assessed through coursework and assessment of teaching practice.

### Professional recognition

The PGDip also leads to a recordable qualification with the Nursing and Midwifery Council (NMC) for suitably qualified candidates.

### Career options

Graduates from these programmes are qualified to teach in higher education.

# Learning, Teaching and Training with Digital Technologies

Certificated Learning through Transformative Technologies (CeLTT) leading to:

Certificate of Professional Development (Transforming Learning with Digital Technologies)

OR

Certificate of Continuing Education (Transforming Learning with Digital Technologies)

OR

Certificate of Credit (Transforming Learning with Digital Technologies)

This programme equips teachers and trainers to develop better understanding of the challenges confronting today's educational practitioners. They learn to apply digital technologies appropriately to transform learning and teaching, and develop innovative and reflective practice in response to current challenges in education and training. The programme is mostly mediated through on-line tutors but includes some face-to-face meetings at key points in the learning journey, using a range of tools and a variety of learning, teaching, feedback and assessment methods.

Participants work as individuals and in small and larger groups undertaking research, portfolio production, reflective and analytical writing, and evaluative and collaborative tasks. The courses that make up the Certificate of Professional Development are highly flexible and resource-based, and model a range of approaches to learning and teaching with digital technologies that exemplify current practice.

Aims of the programme:

- To raise the awareness of practitioners, primarily in the lifelong learning and higher education sectors, to a range of models, policies, theories and principles that underpin approaches to transforming learning with digital technologies.
- To enable participants to gain personal experience of using selected tools and approaches when employing technology to enhance and transform learning, teaching and training.
- To help participants appreciate the range of issues likely to impact on stakeholders as a result of employing technology to enhance and transform learning, teaching and training.

## Content

- An Introduction to Transforming Learning with Digital Technologies (15 credits)
- An Introduction to Designing for Learning with Digital Technologies (15 credits)
- Transforming Learning with Digital Technologies Project (15 credits)

Option courses:

- E-Tutoring: An Experiential Guide to Supporting Learners with Digital Technologies (15 credits)
- Collaborative Learning with Digital Technologies (15 credits)

## Key facts

**School** Education

**Location** Greenwich Campus

### Attendance

2 years part-time  
Distance/blended learning

There is an induction at the start of each term and a study day in the middle of each term.

### Entry requirements

Applicants should have all of the following:

- A good standard of general education
- A professional or academic qualification at NVQ level 3 or above
- A minimum of 2 years' full-time (or part-time equivalent) experience of teaching or training.
- Access to a teaching or training context in which to apply the newly acquired knowledge and skills.
- Regular access to, and be a confident user of, an appropriately specified multimedia computer with an Internet connection and e-mail account. Some courses also require the use of additional software.

### Assessment

Students are assessed through a variety of methods, including proposals, learning contracts, analytical and reflective writing, and a portfolio and project.

### Career options

This programme offers participants Continuing Professional Development and the possibility of progression to BSc Hons, MA, PGCert/Dip and EdD programmes.



# Lifelong Learning

## Professional Graduate Certificate in Education

These programmes lead to initial teaching qualifications for those who teach or intend to teach in further education colleges, sixth-form colleges, adult education centres, art colleges, health-care or community organisations, the public services and a wide range of commercial and voluntary organisations. The PGCE is endorsed by SVUK (Standards Verification UK) as DTLLS (Diploma in Teaching in the Lifelong Learning sector).

The programmes are offered in three modes of study: full-time attendance will benefit those wishing to obtain a qualification before seeking employment and incorporates a period of supervised teaching practice; part-time attendance and flexible learning are aimed at teachers and trainers who are already employed as teachers or trainers.

The programme covers the skills needed for teaching and classroom management and helps students to explore the theory underpinning teaching and learning. There is also the option to take an additional Skills for Life course in literacy, numeracy or ESOL.

Aims of the programme:

- To provide initial training for practising and prospective teachers and trainers.
- To respond to the changing needs of employers in the Lifelong Learning Sector.
- To encourage the growth of professionalism in the Lifelong Learning Sector.

### Content

- Planning and Enabling Learning, including the 6-credit Preparing to Teach in the Lifelong Learning Sector (15 credits)
- Assessment and Learning (15 credits)
- Theories and Principles of Learning (15 credits)
- Managing and Responding to Behaviours in the Learning Environment (15 credits)
- Curriculum Development (15 credits)
- Wider Professional Practice (15 credits)
- Subject Specialist Study (15 credits)
- Continued Professional Development (15 credits)

The Lifelong Learning sector offers a wide range of subjects. Therefore, the teaching at the university is focused on the generic teaching skills. There is specific subject input within the assignments and at the placement.

### Placements

Student placements for the full-time programme are sourced by the University of Greenwich. Applicants are advised to apply before 15 July to allow us the time necessary to find a suitable placement. Students on part-time or flexible modes are already in employment so will not require a placement.

### Skills for Life

Applicants have the opportunity to combine the PGCE/PCE (full-time) with a Skills for Life subject (Literacy, ESOL or Numeracy). Applicants who have already completed a PGCE/PCE who would like to teach Skills for Life can apply for our Level 5 Additional Diploma.

## Key facts

**School** Education

**Location** Avery Hill Campus (full-time mode)  
Greenwich campus (part-time and distance learning/flexible mode)

### Attendance

- 1 year full-time (September start)
- 2 years part-time (September start)
- 2 years distance learning (September or January start)

### Entry requirements

Applicants must attend interview.

In addition to the above part-time study/distance learning applicants must be able to demonstrate that they have the support of a qualified mentor in their work place.

### Assessment

Assignments and practical teaching assessments

### Career options

For teachers/trainers already within the FE and PCET/LLS sectors, these qualifications provide full professional recognition. For pre-entry students, these qualifications provide the training for such recognition and employment as a teacher/trainer.

### Please note:

Places on the full-time programme are subject to the following conditions:

- Criminal Records Bureau check
- Occupational Health Screening

For distance learning and part-time programmes Criminal Records Bureau and health checks are the responsibility of the employer.

# Primary Education

Postgraduate Certificate in Education (PGCE, including a recommendation for Qualified Teacher Status and Master's-level credits)

OR

Professional Graduate Certificate in Education (PGCE, including a recommendation for Qualified Teacher Status)

This programme enables graduates to develop the knowledge, understanding and skills needed to teach in primary schools. In particular, it aims to train teachers for work in schools in the urban inner-city. Students are required to train in two consecutive age phases, either Foundation/Key Stage 1 or Key Stage 1/Key Stage 2 or Key Stage 2 (7-9,9-11). The final school experience is normally undertaken in the students preferred key stage.

The programme is run in partnership with schools. Students spend a minimum of 18 weeks in a primary school, including extended experience in two schools, plus experience of other schools during observations.

After being formally assessed against the national statutory requirements, students can be recommended for the award of Qualified Teacher Status. The postgraduate certificate provides an opportunity for Master's-level credits to be gained through the submission of appropriate assignments. A specialist route is offered for graduates wishing to teach French in primary schools.

Aims of the programme:

- To develop the practical knowledge and theoretical understanding required to work with primary school children.
- To train students to teach in two consecutive stages.
- To provide them with an understanding of the National Curriculum and learning needs of children.
- To develop the professional values and practice needed to meet the broad demands of teaching.

## Content

- The Child, the School and the Community (15 credits)
- Children's Learning and Development (30 credits)
- Creativity in Learning and Teaching (30 credits)
- Professional Development (30 credits)
- Initial School Experience (15 credits)
- Final School Experience (30 credits)

## Key facts

**School** Education

**Location** Avery Hill Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A good honours degree (2.2 or above) from a UK university or an equivalent qualification

**AND** clear written and spoken English

**PLUS** grade C at GCSE in English language, mathematics and science prior to application.

- Candidates attend an interview.
- Candidates must provide recent evidence of ten days working with/observing children in a primary school classroom.

### Assessment

Students are assessed through National standards for the award of Qualified Teacher Status, plus assignments and tests in literacy, numeracy and information and communications technology.

### Career options

Graduates for this programme can pursue a teaching career in primary schools.

### Please note:

Financial incentives may be available for this programme, visit [www.gre.ac.uk](http://www.gre.ac.uk) or [www.tda.gov.uk](http://www.tda.gov.uk).

Applicants for this programme are subject to:

- Criminal Records Bureau check
- Occupational Health screening

Applicants are also required to attend an interview.

# Primary French

Postgraduate Certificate in Education (PGCE, including a recommendation for Qualified Teacher Status and Master's-level credits)

**OR**

Professional Graduate Certificate in Education (PGCE, including a recommendation for Qualified Teacher Status)

Alongside the mainstream one-year PGCE primary programme, the University of Greenwich currently offer fifteen places on the PGCE Primary with French specialism programme. This programme trains graduates to teach the full primary curriculum and offer French as an additional subject. Students follow mainstream PGCE Primary programme and attend classes on the pedagogy of teaching a modern foreign language to younger children. In particular, the programme aims to train teachers for work in urban inner-city schools.

The University of Greenwich is currently part of the Primary Languages Teacher Training Project, a joint initiative of the Teacher Training Agency and the Ministère de l'Éducation Nationale. The university works with the Institut Universitaire de Formation des Maîtres (IUFM), Nord-Pas de Calais, a teacher training institution in Lille.

To date, in January, students have spent four weeks teaching in a French primary school in Lille. They had opportunities to meet French student teachers and explore northern France. Students are supported by their class teachers and by academic staff from the IUFM. A tutor from the University of Greenwich visits the students during the placement.

The Primary French programme is for graduates who already have a good command of spoken and written French. The minimum requirement for trainees going to France is Level B1 of the Common European Framework of Reference for Languages, so students should be around A-level standard or have spent time in a French-speaking country.

Please note that this programme is not intended for native French speakers. French nationals who would like to qualify to teach in UK primary schools are advised to apply for the PGCE Primary programme.

Aims of the programme:

- To improve command of French, including the specific vocabulary required in the classroom.
- To develop the understanding to teach the language in primary classes.
- To gain experience of another system of primary education.

## Content

- The Child, the School and the Community (15 credits)
- Children's Learning and Development (30 credits)
- Creativity in Learning and Teaching (30 credits)
- Professional Development (30 credits)
- Initial School Experience (15 credits)
- Final School Experience (30 credits)

## Key facts

**School** Education

**Location** Avery Hill Campus

**Attendance**

1 year full-time

**Entry requirements**

Applicants should have: A good degree (2.2 or above) from a UK university or equivalent institution.

**PLUS** GCSEs in English Language, mathematics and science at grade C or above prior to application.

- The minimum requirement for trainees going to France is level B1 of the European Languages Framework, so students should have a command of French equivalent to A-level standard or have spent time in a French-speaking country.
- Candidates must have clear spoken and written English and a good command of written and spoken French.
- Candidates must attend an interview and be able to indicate how their previous experience has equipped them to work in primary education. They must also provide recent evidence of ten days working with/observing children in a primary school classroom.

**Assessment**

Students are assessed by National Standards for the award of Qualified Teacher Status; assignments and tests in literacy, numeracy and information and communications technology.

**Career options**

Graduates are equipped for teaching in primary schools.

**Please note:**

Financial incentives are available for this programme.

Applicants for this programme are subject to:

- Criminal Records Bureau check
- Occupational Health screening

Applicants are also required to attend an interview.

## Secondary Education

# Art/Design and Technology/ Information and Communications Technology (ICT)/Mathematics/ Music/Physical Education/Physics/ Biology/Chemistry

Postgraduate Certificate in Education (PGCE, including a recommendation for Qualified Teacher Status and Master's-level credits)

**OR**

Professional Graduate Certificate in Education (PGCE, including a recommendation for Qualified Teacher Status)

These exciting one-year programmes comprise two elements; university-based teaching (60 days) and school-based experience (120 days). These enable student teachers to develop the knowledge, understanding and skills required to teach in secondary schools. Practical teaching experience is gained in two main schools, where student teachers are allocated a subject-specialist mentor who offers feedback and guidance. University sessions are designed to prepare student teachers for both teaching and assignments.

Both certificates enable student teachers to be formally assessed against the national standards for Qualified Teacher Status (QTS). The postgraduate certificate also offers an opportunity for Master's-level credits to be gained through the submission of appropriate assignments.

Aims of the programme:

- To develop the practical knowledge and theoretical understanding for teaching secondary school children.
- To develop students knowledge of the National Curriculum.
- To widen individual skills, expertise and knowledge of a specialist subject.
- To develop a wider understanding of English education, for example, the 'Every Child Matters' agenda.
- To establish a broad understanding of different influences and philosophies underpinning education.

## Content

- Subject Enhancement (30 credits)
- Teaching Studies (30 credits)
- Professional Studies (30 credits)
- School Experience (30 credits)
- Professional Development Portfolio as a record of the standards for QTS (30 credits)

## Key facts

### GTTR codes

W1X1 (Art and Design)  
W9X1 (Design and Technology)  
G5X1 (ICT)  
G1X1 (Mathematics)  
W3X1 (Music 'Musicians in Education')  
X9C6 (Physical Education)  
C1X1 (Biology)  
F3X1 (Physics)  
F1X1 (Chemistry)

**School** Education

**Location** Avery Hill Campus

### Attendance

1 year full-time

### Entry requirements

Applicants should have:

A 2.2 or above in an honours degree in a relevant subject

**PLUS** GCSE English language and mathematics at grade C or above, or equivalent.

- Candidates must attend an interview.
- It is recommended that applicants spend some time observing in a secondary school before interview.

### Assessment

Continuous assessment of classroom skills and teaching effectiveness builds towards a professional development portfolio. There are also written and practical assignments with opportunities for Master's-level credits in the postgraduate version

### Professional recognition.

Qualified Teacher Status

### Career options

Graduates are equipped for careers working in secondary schools and other educational settings.

# Civil Engineering

## MSc

This programme offers graduates and engineers an opportunity to update technical knowledge and enhance skills to serve the future demands of the construction industry, to participate in professional development and to achieve career progression. Through this programme, students develop their technical skills and knowledge, as well as their professional, analytical and management skills, to an advanced level. In particular, the programme seeks to provide a broad subject-specific curriculum with specialism achieved through the major project.

The School seeks to make the postgraduate experience both challenging and rewarding, and, by working closely with industry, strives to ensure the industrial relevance of its programmes.

## Content

- Principles of Management in Civil Engineering (15 credits)
- Analysis and Management of Risk in Civil Engineering (15 credits)
- Research Methodology (15 credits)
- Computer Modelling of Civil Engineering Problems (15 credits)
- Individual Project (60 credits)

One option (15 credits) from:

- Bridge Design and Assessment
- Water and Environmental Management
- Design of Concrete Structures

Two 15-credit options (30 credits) from:

- Analysis and Design for Seismic Action
- Systems Modelling in the Water Environment
- Highway Engineering
- Design of Steelwork Structures

One option (15 credits) from:

- Management and Technology for Civil Engineers
- Environmental Engineering
- Global Engineering

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September and January start

### Entry requirements

Applicants should have:

An accredited degree in civil engineering (2.2 or above) or an equivalent qualification.

- Students without a first degree but with professional and vocational engineer status) may be considered if they demonstrate the potential to succeed on the programme.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Professional recognition

The programme is approved by the JMB, comprising the Institution of Civil Engineers and Institution of Structural Engineers and two other institutions, to meet the requirements for further learning for a Chartered Engineer.

### Career options

Graduates can pursue a wide variety of opportunities that exist in both the public and private sectors, from major infrastructure projects to small-scale consultancy.

# Highway Structures

## MSc

This programme aims to specialise in the 'whole-life' management of infrastructure, covering analysis, assessment and maintenance of key facets. In the construction industry, there is a general shortage of skilled engineers and managers with experience of whole-life management of built infrastructure, such as bridges and coastal structures. This may become more serious over the next ten to twenty years, as the effects of climate change and scarce resources will require civil engineers to develop more sustainable infrastructure. Therefore, design, assessment and management over the whole service life are key concerns.

The programme has been developed from the existing MSc Civil Engineering programme but with input from Atkins Plc for a number of key specialist subject areas. This joint development enhances the programmes market appeal and student experience in terms of practical design, assessment and management.

## Content

- Individual Project (60 credits)
- Research Methodology (15 credits)
- Analysis of Highway Structures (15 credits)
- Analysis and Management of Risk in Civil Engineering (15 credits)
- Computer Modelling of Civil Engineering Problems (15 credits)
- Highways Engineering (15 credits)
- Whole Life Management of Highway Structures (15 credits)

Two 15-credit options (30 credits) from:

- Analysis and Design of Seismic Action
- Masonry and Other Bridges
- Design of Steel Bridges
- Bridge Design and Assessment

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time (distance learning)

September or January start

### Entry requirements

Applicants should have:

**EITHER** a BEng Hons civil engineering degree (2.2 or above) from an accredited provider

**OR** an equivalent overseas qualification.

### Assessment

Students are assessed through examinations, case studies, timed assignments and projects.

### Career options

Graduates from this programme can pursue a professional career in civil engineering or the construction industry, government agencies and local councils.

# Electronics and Communications Engineering

## MSc

This programme extends and combines the technical knowledge acquired on undergraduate programmes in electronics and/or communications engineering. It covers communications engineering and the electronics of communications engineering in a broad sense, with in-depth study in selected areas.

An option course provides the opportunity to further tailor the programme to meet personal needs, with subject specialism underpinned by a major research project. Many of the projects reflect the key interests of the School, such as electronics, embedded systems, communication systems and analogue electronics. Projects are derived from our industrial links or from staff interests. Students can propose ideas to reflect their personal interests or experience.

## Content

- Research Methodology (15 credits)
- Mixed signal Electronics (15 credits)
- Design of Electronic System (15 credits)
- Strategy and Management (15 credits)
- Multiple Technology Integration (15 credits)
- Individual Project and Dissertation (60 credits)

Two options (45 credits) from:

- Internet Electronics (15 credits)
- Engineering of Advanced Distribution Systems (30 credits)
- Advanced Communications Technology (30 credits)

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A degree (2.2 or equivalent) in electrical and/or electronic engineering or communications engineering/technology.

- Students without a first degree but with professional and vocational experience (e.g. incorporated engineer or chartered engineer status) may be considered if they demonstrate the potential to succeed on the programme.

- Students educated in a language other than English should have an IELTS score of 6.0 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Career options

Graduates from this programme can pursue opportunities for electronic engineers and electronics and communication engineering engineers in sectors from communications through to the electronics production and design industries.

# Electrical and Electronic Engineering

## MSc

This Masters' programme extends the technical knowledge acquired on an undergraduate programme in electrical and electronic engineering. Though not a specialist degree, the variety of options provides an opportunity to tailor the programme to meet students' individual needs. The programme provides a broad subject-specific curriculum with specialism pursued through a major project.

Many of the projects reflect the key research interests of the School, such as electronic manufacturing and control and instrumentation. Many projects are derived from our industrial links, and a number are proposed by students, reflecting their own personal interests or experience.

## Content

- Research Methodology (15 credits)
- Internet Electronics (15 credits)
- Real-Time Embedded Systems (15 credits)
- Mixed Signal Electronics (15 credits)
- Design of Embedded System (15 credits)
- Design of Electronic System (15 credits)
- Strategy and Management (15 credits)
- Multiple Technology Integration (15 credits)
- Individual Project and Dissertation (60 credits)

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A degree (2.2 or equivalent qualification) in electrical and/or electronic engineering.

- Students without a first degree but with professional and vocational experience (e.g. incorporated engineer or chartered engineer status) may be considered if they demonstrate the potential to succeed on the programme.

- Students who do not have English as their first language, must have an IELTS score of 6.0 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Career options

Graduates from this programme can pursue careers as electrical and electronic engineers in sectors ranging from communications to control and instrumentation in the process industries.



# Electrical Power Engineering

## MSc

This programme provides an opportunity to specialise in the field of electrical power. It builds on a first degree in electrical/electronic engineering and explores how modern power systems from drives to power distribution are designed and implemented.

This programme develops technical skills and knowledge at an advanced level, as well as developing the professional, analytical and management skills of students.

This programme includes a major research project. Many of the projects are derived from our industrial links, and a number are proposed by students, reflecting their personal interests or experience of their employers.

## Content

- Power Electronics (15 credits)
- Research Methodology (15 credits)
- Power Distribution Systems (15 credits)
- Power Devices (15 credits)
- Mixed Signal Electronics (15 credits)
- Design of Electronic System (15 credits)
- Strategy and Management (15 credits)
- Multiple Technology Integration (15 credits)
- Individual Project and Dissertation (60 credits)

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A degree (2.2 or above) in electrical and/or electronic engineering or an equivalent qualification.

- Students without a first degree but with professional and vocational experience (e.g. Incorporated Engineer or Chartered Engineer status) may be considered if they demonstrate the potential to succeed on the programme.

- Students educated in a language other than English should have an IELTS score of 6.0 or above or an equivalent rating in another language testing system.

Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Career options

Graduates can pursue a wide variety of opportunities exist for electrical power engineers in both the power supply sector and large industrial consumers.

# Embedded Systems

## MSc

Embedded systems are at the heart of many engineering devices. Building on a first degree in electrical/electronic engineering, this programme explores how embedded systems are designed and implemented in both hardware and software. The programme develops students' technical skills and knowledge at an advanced level, as well as their analytical and management skills. Specific subject specialism is underpinned by a major research project. Many of the projects are derived from our industrial links, and a number are proposed by students, reflecting their own interests or experience of their employers.

## Content

- Research Methodology (15 credits)
- Embedded Internet Electronics (15 credits)
- System Design and Testing (15 credits)
- Real-Time Embedded Systems (15 credits)
- Mixed signal Electronics (15 credits)
- Advanced Programmable Logic (15 credits)
- Strategy and Management (15 credits)
- Multiple Technology Integration (15 credits)
- Individual Project and Dissertation (60 credits)

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A degree (2.2 or equivalent qualification) in electrical and/or electronic engineering.

- Students without a first degree but with professional and vocational experience (e.g. incorporated engineer or chartered engineer status) may be considered if they demonstrate the potential to succeed on the programme.
- If English is not your first language, IELTS 6.0 or another language qualification is required.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Career options

Graduates from this programme can pursue careers in many industries, from avionics to design of domestic products.

# Wireless Mobile Communications Systems Engineering

## MSc

This programme is aimed at graduates from a broad range of disciplines who are seeking to enhance their knowledge and skills within the field of communications systems. A proportion of such graduates may undertake the programme as part of a strategic career change, while others will be aiming to apply their knowledge of communications systems more effectively within their careers.

The programme develops student's technical skills and knowledge to an advanced level, as well as developing their professional, analytical and management skills. In particular, the aim of the programme is to blend engineering and management with information and communications technology, to broaden the skills and experience of the graduate engineer. The School works closely with industry to ensure the industrial relevance of its programmes.

## Content

- Strategy and Management (15 credits)
- Advanced Microwave Engineering (15 credits)
- Advanced Communications Technology (30 credits)
- Research Methodology (15 credits)
- Advanced Mobile Communications (15 credits)
- Individual Project and Dissertation (60 credits)

Two options (30 credits) from:

- Network Performance and Administration
- Engineering and Management of Secure Computer Networks
- E-Technology

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

**EITHER** a first degree (2.2 or above) in an engineering or computer-related discipline

**OR** a professional engineering qualification.

### Assessment

Students will be assessed through examinations, coursework and a dissertation.

### Career options

This programme offers career opportunities in a wide range of areas in the hi-tech and communications industry, particularly central office positions in wireless communications management, consultation and business.

# Engineering Management

## MSc

Evolution in the global employment markets for postgraduate engineers has led to a significant increase in the demand for MSc degrees in engineering with a solid management focus. This programme is a substitute for the traditional route of general management degree or MBA degree that historically helped build a successful senior management career in technology-based business.

The programme is primarily aimed at science and technology graduates who wish to extend and develop their skills to encompass a wider set of disciplines, as well as graduates who want to develop their careers towards managerial roles in engineering or manufacturing or in the commercial enterprise in which they have chosen to work. The programme is also aimed at experienced industry practitioners who wish to complement their academic knowledge and obtain professional recognition in key management areas of private industry or the public sector internationally.

## Content

- Research Methodology (15 credits)
- Strategy and Management (15 credits)
- Enterprise Engineering (15 credits)
- Advanced Principles in Lean Manufacturing (15 credits)
- Advanced Principles in Process Improvement Techniques and Quality Engineering (15 credits)
- Advanced Principles in Supply Chain Management (15 credits)
- Individual Project and Dissertation (60 credits)

Plus one 15-credit option from:

- Operations Management
- European Engineering

Plus one 15-credit option from:

- Environmental Engineering
- Global Engineering
- Quality Engineering

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A degree (2.2 or above or equivalent qualification) in an engineering or computing discipline.

- Students without a first degree but with professional and vocational experience (e.g. incorporated engineer or chartered engineer status) may be considered if they demonstrate the potential to succeed on the programme.

- Students who do not have English as their first language, must have an IELTS score of 6.0 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Career options

Graduates for this programme can pursue management careers in the public and private sectors.

# Executive Master of Business Administration (Engineering)

## MBA

Research shows that both students and employers want management education to be relevant to the work environment. Flexible delivery of learning is also a key desire of employers and of mature students who may be working full-time and balancing their working life with personal commitments and academic study. This programme offers the opportunity to achieve this flexibility while delivering engineering management education relevant to the workplace and with recognised qualifications.

The programme has a broad focus and is designed to suit participants from all sizes of enterprise. Students build on their knowledge from the work environment and previous learning, while developing a critical and theoretical perspective that informs their own developing management practice. The programme aims to advance an individual's knowledge of engineering management and business administration and develops strategic thinking.

Study is modular, with only the occasional requirement to meet with tutors face to face. The majority of study is undertaken under tutor direction by students in their own time and location, supported via the university's online resources and virtual learning environment, and supplemented by campus workshops.

## Content

### Year 1

- Business Context and International Business Environment
- Foundations of Scholarship and Business Research
- Engineering Management Topics
- Managing the Value Chain

### Year 2

- Financial Management
- Human Resource and Information Management
- Environment and Sustainability
- Leadership, Personal Development and Career Management

### Year 3

- Business Analysis
- Strategy and Transformation
- Engineering Enterprise

Option of either:

- IT and Operations Management
- Global Engineering Theory and Practice

### Year 4

- Creative Problem Solving and Consultancy Project
- Integrative Strategic Workshops and Simulations
- Business Research Project

## Key facts

**School** Business  
(in partnership with Engineering and Business Information Technology & Enterprise (BITE))

**Location** Managed from the Midway Campus, but accessed by students online

### Attendance

3 years part-time (supported open learning)

Direct entry available

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university

**AND** a minimum of two years' appropriate work experience

**OR** five years' appropriate work-based experience.

### Assessment

Students are assessed through coursework and assignments.

### Professional recognition

This programme provides entry in to the Chartered Management Institute.

### Career options

Graduates of this programme can pursue opportunities to progress rapidly through management in different companies or professional development to help to manage their own business.

# Manufacturing Systems

## MSc

The demands placed upon today's engineers require a high degree of competency in a range of disciplines, from analytical skills in technical areas through to professional skills in management and communications. This programme helps students to gain knowledge in underlying concepts and specialist areas in technical or commercial contexts.

The programme blends engineering, management and ICT to help broaden the skills and experience of the graduate engineer. Students can study a range of subjects leading to the Master's award for MSc Manufacturing Systems. Alternatively, they can select certain option and project combinations and qualify instead for MSc Manufacturing Systems (Lean Manufacturing) or MSc Manufacturing Systems (Computer Integrated Manufacturing).

## Content

- Research Methodology (15 credits)
- Strategy and Management (15 credits)
- Process Improvement Techniques (15 credits)
- Computer Aided Design (15 credits)
- Computer Aided Manufacturing (15 credits)
- Quality Engineering (15 credits)
- Advanced Principles in Lean Manufacturing (15 credits)
- Advanced Principles in Supply Chain Management (15 credits)
- Individual Project and Dissertation (60 credits)

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A degree (2.2 or above) in an engineering discipline or an equivalent qualification.

- Students without a first degree but with professional and vocational experience (e.g. incorporated engineer or chartered engineer status) may be considered if they demonstrate the potential to succeed on the programme.

- Students educated in a language other than English should have an IELTS score of 6.0 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Career options

Graduates can pursue engineering opportunities in both public and private sector companies.

# Mechanical and Manufacturing Engineering

## MSc

This MSc programme provides its students with an opportunity to extend the technical knowledge acquired on an undergraduate degree programme in mechanical or manufacturing engineering.

Though not a specialist Master's degree, the programme provides a broad subject-specific curriculum that provides an opportunity for students to tailor the programme to meet their personal needs, with specialism pursued through a major project.

Many of these projects reflect the key research interests of the School, such as manufacturing, bulk materials handling and instrumentation. However, projects can be selected from across the discipline from a list provided by the School. Many projects are derived from our industrial links, and a number are proposed by students, reflecting their personal interests or experience.

## Content

- Research Methodology (15 credits)
- Strategy and Management (15 credits)
- Process Improvement Techniques (15 credits)
- Computer Aided Manufacturing (15 credits)
- Materials Selection in Mechanical Design (15 credits)
- Quality Engineering (15 credits)
- Advanced Principles in Lean Manufacturing (15 credits)
- Innovative Manufacturing Processes and Techniques (15 credits)
- Individual Project and Dissertation (60 credits)

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

September or January start

### Entry requirements

Applicants should have:

A degree (2.2 or above) in mechanical or manufacturing engineering or communications engineering/technology, or equivalent qualification.

- Students who do not have English as their first language, must have an IELTS score of 6.0 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Students without a first degree but with professional and vocational experience (e.g. incorporated engineer or chartered engineer status) may be considered if they demonstrate the potential to succeed on the programme.

### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

### Career options

This programme provides a wide variety of opportunities for mechanical and manufacturing engineers in a range of sectors, from the automotive to the process industries.

# Creative Writing

## MA

The MA Creative Writing programme offers students the opportunity to enhance their writing across a range of genres and contexts, in a vibrant collaborative and interdisciplinary environment. In addition to core courses which explore the theory and practice of writing, students are also offered a wide range of taught courses in the novel, poetry, writing for performance, screen and play writing, as well as experimental poetry, digital art, performance art and immersive theatre. The Interdisciplinary Research Practice Methods seminars will introduce students to practitioners and fellow MA students in media arts and theatre practices, enabling collaborative creative ventures.

Students are invited to make contributions to respected in-house publications such as Brand literary magazine and the media arts journal Issues and are expected to participate in and attend scheduled readings, performances at the Old Baths Studio and exhibitions at Stephen Lawrence Gallery. In the past, events have been performed off campus at South Bank, Soho Theatre and the TestBed in Battersea, and there has been an international cross-genre poetry festival at the university in collaboration with Birkbeck College. The Department of Communications and Creative Arts is home to the Institute of the Converging Arts and Sciences, which hosts international conferences, symposia and round table discussions.

Students will have the opportunity to enhance their employability through seminars on publishing, editorial and marketing, and the possibility of work placements in a variety of creative industries.

Aims of the programme:

- Improve individual practice in chosen areas of contemporary creative writing.
- Deepen students ability to evaluate their own writing.
- Develop technical skills in a range of written genres and formats.
- Increase their knowledge of contemporary and traditional writing practice across a range of genres.
- Develop the ability to work autonomously to shape and complete a substantial and original piece of work for their creative writing project in a format suitable for submission to a publisher, agent or equivalent.
- Improve students' knowledge of the markets for their work and skills.

## Content

### Core courses

- Creative Writing (15 credits)
- Creative Non-fiction (15 credits)
- Research Practice Method (30 credits)
- Creative Writing Project (60 credits)

### Option courses include:

- Writing for Performance: Playwriting and Live Art (15 credits)
- Contemporary Poetic Practices (15 credits)
- The Novel (15 credits)
- Screenwriting (15 credits)
- Work Placement (15 credits)
- Beyond the Black Box (15 credits)
- Theatre Making (15 credits)

## Key facts

**School** Humanities & Social Sciences

**Location** Greenwich Campus

### Attendance

- 1 year full-time
- 2 years part-time

### Entry requirements

Applicants should have:

A good first degree at 2.1

**OR** equivalent qualifications.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- In addition, all students must submit a portfolio of their work for consideration. The portfolio can consist of writing (fiction, creative non-fiction, journalism) totalling 3,000 words; **OR** 8-10 pages of poetry; **OR** a short script and 2 page proposal for a longer work; **OR** up to 15 minute CD or DVD of mixed media/performance with an accompanying text.

### Assessment

A third of the degree is assessed on a creative writing project on a topic and in a genre of the student's choosing. Other assessment will be conducted via presentations, performances, digital work, and portfolios of creative writing in a range of genres.

### Career options

Our graduates have gone on to publish their work in a range of genres and to have careers in writing, publishing and the creative industries, broadcasting, communication, teaching, creative and PR agency start-ups.



# English: Literary London

## MA

This programme offers an opportunity to study the rich and varied literary history of London. This exciting programme ranges from the 17th to the 21st centuries and encompasses literary, cinematic, and cultural responses to the city. It appeals to those wishing to extend their knowledge of literature, to explore alternative approaches and perspectives, and to broaden their understanding within an interdisciplinary, comparative and international context.

The programme is designed as a structured, yet flexible programme. Courses are taught in weekly seminars which focus on the close study of literary, theoretical and cultural texts. There are also opportunities for site-specific learning through walks, museum and gallery visits. Students pursue supporting courses in research methods and theory and produce a final dissertation on a subject of their own choice. Assessment may encompass creative as well as critical work.

Aims of the programme:

- To introduce students to the rich diversity of literary responses to London and to develop their analytical and critical thinking through a variety of guided assessments.
- To consider the depiction of London's contested and multicultural identity via a range of theoretical and methodological approaches.
- To develop students' research and presentation skills to prepare them for further academic research or the job market.
- To foster a dynamic and enjoyable learning environment in which students are encouraged to bring their own experience, writing and reading to bear on the subject of London literature.

## Content

- Imagining the City: Text, Theory, Writing
- Foundations for Postgraduate Study: Theory and Research Methods
- Dissertation (12-15,000 words)

Short courses may include:

- The London Stage
- Queer Street: The City as Performance Space
- London Crime Fiction
- Augustan and Romantic Period London
- Gothic London: Ennui, Paranoia and Apocalypse

## Key facts

**School** Humanities & Social Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A good first degree in a relevant subject area. Usually we require a 2.1 degree or above - but students with a lower-class degree should contact the programme leader to discuss their application.

### Assessment

Students are assessed through an essay portfolio, oral presentations, and a dissertation.

### Career options

Graduates from this programme can pursue further academic research, archival or commercial research, or teach journalism or creative writing.

# Environmental Conservation

## PGDip/MSc

This programme is for individuals already working in environmental conservation who seek to broaden or update their knowledge, and for graduates who wish to become professionally involved in conservation and environmental management.

Various conservation organisations have advised on the content of this degree, ensuring strong links between the programme and the needs of the conservation professions and it has subsequently received a 'Best Practice' award from the IEEM. The programme is structured around four compulsory conservation courses that integrate theoretical and practical aspects of contemporary conservation and environmental management.

Students develop an interdisciplinary understanding of modern-day conservation and environmental management, and gain a practical understanding of conservation techniques and strategies. They also acquire the skills to critically apply conservation techniques and methods to practical situations and understand modern-day conservation decision making and the underlying criteria and values. In addition, they gain specific knowledge and skills through their chosen optional courses.

During June to September students undertake a research project in a specialist area of conservation, often in collaboration with an external organisation.

## Content

- Principles and Practice of Environmental Conservation (15 credits)
- Techniques in Applied Ecology (30 credits)
- Environmental Law and Policy (15 credits)
- Restoration Ecology (15 credits)
- Research Methods (15 credits)
- Research Project (60 credits)

Two options (30 credits) from:

- Ecology and Conservation of Estuaries and the Coastal Zone (15 credits)
- Managing Tourism in Protected Areas (15 credits)
- Introduction to Geographical Information Systems (15 credits)
- Ecology of Tropical Forests and Savannahs (15 credits)
- Issues and Principles in Responsible Tourism (15 credits)
- Environmental Impact Assessment (15 credits)
- Open Module (15 credits)

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

1 year full-time  
2 years part-time

### Entry requirements

Applicants should have:

**EITHER** an appropriate first degree in an ecological, scientific or environmental management discipline

**OR** relevant personal/professional experience.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applicants from other backgrounds are considered but should contact the Programme Leader via [science-queries@gre.ac.uk](mailto:science-queries@gre.ac.uk).

### Assessment

Students are assessed through examinations, coursework and assessments that are practically focused using real-world examples and case studies.

### Career options

Graduates from this programme can pursue careers in conservation organisations in the UK and overseas, including central and local government, environmental consultancies, non-governmental organisations, business, the media and environmental education.

# Sustainable Futures

## PGDip/MSc

Humanity is facing one of its greatest challenges as a result of the unsustainable use of the planet's natural and physical resources, primarily in the last 40 years. As such, sustainable development has become a key policy driver governing the future long-term development of human society, with the principles of sustainability pervading activities and decision making within governments, organisations and individuals at global, regional and local levels.

The concept of sustainability underpins much environmental, social and economic activity across a broad range of stakeholders, including the work of governments, business, industry, non-governmental organisations, charities and pressure groups. There are few commercial or business enterprises that can now afford to ignore the concept of sustainability.

By the end of this programme, students acquire an interdisciplinary understanding of the principles and practice of sustainability and the means by which these principles can be implemented. They also have a deeper awareness of sustainability and sustainable development, its interdisciplinary nature and its links to planning, the law and the physical, natural and social sciences. In addition, students develop an awareness of the values and criteria that underlie sustainability and sustainable development and are able to apply these to decision making.

During the period June to September, students undertake a research project in a specialist area of interest related to sustainability, often in collaboration with an external organisation.

## Content

- Sustainable Development: Principles and Practice (15 credits)
- Climate Change and Sustainability (15 credits)
- Sustainable Energy Futures (15 credits)
- Environmental Legislation and Policy (15 credits)
- Measuring Sustainability (15 credits)
- Planning for Sustainability (15 credits)
- Business and Sustainability (15 credits)
- Research Design and Methods (15 credits)
- Research Project (60 credits)

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

**EITHER** a good first degree

**OR** a postgraduate diploma in an appropriate subject

**OR** relevant personal/professional experience.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applicants from other backgrounds are considered but should contact the Programme Leader via [science-queries@gre.ac.uk](mailto:science-queries@gre.ac.uk).

- All UK applicants are interviewed.

### Assessment

Students are assessed through a mixture of formal examinations and a range of coursework.

### Career options

Opportunities exist in local and overseas government and non-governmental agencies and organisations, urban/rural planning and regeneration, environmental consultancies and commercial companies. Alternatively, students can go on to further postgraduate study.

# Events Management

MA

The events industry is a dynamic and rapidly growing sector, incorporating both commercial and creative elements. London itself hosts a huge variety of world-class live events, ranging from music and entertainment to sporting events, international trade fairs and community festivals to name but a few.

In addition, a greater number of organisations now invest in live communications to create experiences for customers, inspire and motivate employees, and develop meaningful messages for brands.

We have seen an increasing professionalisation of the events industry, including development of the skill sets and education of its people.

The University of Greenwich works closely with a variety of events-related organisations, venues, and suppliers, both locally and throughout London, with the aim of producing the successful events managers of tomorrow. Many aspects of the events sector are covered on this programme, which is delivered by accomplished academics with varied experience across all aspects of events with contributions from practitioners and specialists from the industry.

## Content

- Current Issues in Events Management (15 credits)
- Managing Cultures and Influencing People (International Events Management) (15 credits)
- Relationship Marketing and e-CRM (15 credits)
- Strategic Financial Management for Events (15 credits)
- Human Resources Management for Service Industries (15 credits)
- Foundations of Scholarships for Events Management (15 credits)
- Innovation, Enterprise and Winning the Bid (15 credits)
- Critical Research Methods for Events Management (15 credits)
- Dissertation (45 credits)

One option (15 credits) from:

- Project Management and Value-Driven Service Operations
- Strategic Brand Management
- Visitor and Destination Management
- Strategic Public Relations

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time

2-3 years part-time

### Entry requirements

Applicants should have:

A good first degree from a recognised university (equivalent to a UK 2.2).

**AND** one year or equivalent related work experience (paid or voluntary).

- Students educated in a language other than English should have an IELTS score of 6.0 or above.

### Assessment

Students are assessed via assignments, presentations and a dissertation.

### Career options

Graduates pursue opportunities in senior positions in a variety of roles connected with events.

# Cinematography and Post Production

## MA/MSc

This programme is aimed at those wishing to take up positions in the film and TV production industry and includes work with key employers such as LipSync Post, coursework assignments and master classes.

Students work in 35mm, S16, 2K and 4K digital, using equipment current in the industry. From October to May, students attend taught courses, and from May to September they undertake a final project. They also use the skills they build up throughout the degree to produce their own showreels.

The new demands created by the rapidly evolving post-production area will be explored from several viewpoints: technology, creativity and collaboration. This programme progresses the student through a comprehensive programme of post-production topics: editing, motion graphics, colour correction and compositing. At the same time fundamental issues, such as flexibility and quality are addressed. The student will use advanced techniques, used in industry, whilst developing their knowledge, creativity, and skills.

The studio facilities of the university will be augmented by those of One8six and ARRI these being our strategic partners in this programme and our participants during its validation. It is important to note that we have the key 35 and S16mm and digital production camera systems in-house permanently available for these students to use along with the associated grip, lighting and post production software systems.

The lecturing staff have a substantial background in feature film and television production. The programme also features distinguished guest speakers.

## Content

- Cinematography - Master's-Level (30 credits)
- Post Production (30 credits)
- Film Making (30 credits)
- Cinematic Exploration (30 credits)
- Project and Dissertation (including a course in Critical Thinking and Research Methods) (60 credits)

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

### Entry requirements

Applicants should have:

**EITHER** a good honours degree

**OR** an equivalent professional qualification.

### Assessment

Students are assessed through examinations, coursework and a project.

### Career options

Graduates for this programme can pursue positions in the film industry.

# Geographical Information Systems with Remote Sensing

PGCert/PGDip/MSc

This programme provides students with a critical understanding of the theory and practice of Geographical Information Systems (GIS) and allied remote sensing techniques within the field of applications in geography, geology and environmental sciences.

In the first term, students study courses such as Introduction to Geographical Information System, Introduction to Remote Sensing and Case studies in Remote Sensing and GIS. In the second term, students progress to advanced courses, such as Advanced Spatial Modelling and Advanced Image Processing. Further courses throughout the year help student build their research, academic writing and presentation skills.

The programme culminates in a third term with the GIS dissertation, an individual piece of research focused on the application of GIS techniques to a specific problem. This research may form an extension or development of topics covered in the preceding applications and case studies courses. Students are also encouraged to consider a research project topic related to their background interest, to develop GIS and Remote Sensing skills in the field they are already familiar with.

This is a highly respected programme in the UK geographic information industry, and graduates are highly sought after in private industry, agencies and government. The programme has an excellent employability rate.

The university also offers PGDip/MSc Remote Sensing with Geographical Information Systems, which has the same content as this programme. The title of the degree for which the student receives his or her award is determined by the nature of the student's final dissertation. A student with a dissertation focused on remote sensing is awarded a degree for the Remote Sensing with Geographical Information Systems programme; a student with a GIS-focused dissertation is awarded a degree for the Geographical Information Systems with Remote Sensing programme.

## Content

- Introduction to GIS (15 credits)
- Introduction to Remote Sensing (15 credits)
- Case Studies in GIS and Remote Sensing (15 credits)
- Spatial Database Management and Programming (15 credits)
- Advanced Spatial Modelling (15 credits)
- Advanced Image Processing (15 credits)
- Research Design and Methods (15 credits)
- GIS and Remote Sensing Field Course (15 credits)
- Individual Research and Dissertation (MSc only) (60 credits)

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

**EITHER** a good first degree

**OR** a postgraduate diploma in natural sciences, geography, environmental subjects or any discipline with the application of GIS or Remote Sensing.

**OR** relevant personal or professional experience.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applicants from other backgrounds are considered but should contact the Programme Leader: science-queries@gre.ac.uk.

- All UK applicants are interviewed.

### Assessment

Students are assessed through examinations, coursework and presentations.

### Professional recognition

This programme has strong links with Remote Sensing and Photogrammetry Society, the leading UK society in this field.

### Career options

Graduates from this programme can pursue employment in local authorities, the police force, environmental monitoring, urban planning and geology, strategic marketing, business and financial sector, utility companies and traffic authorities.

# Remote Sensing with Geographical Information Systems

## PGCert/PGDip/MSc

This programme provides an interdisciplinary understanding of the use of remote sensing and image processing techniques in conjunction with Geographical Information Systems (GIS) in the management, analysis and display of spatial/environmental data.

In the first term, students study courses providing a basic foundation in GIS and remote sensing in the courses such as Introduction to Geographical Information System, Introduction to Remote Sensing and Case studies in Remote Sensing and GIS. In the second term, students progress to advanced courses, such as Advanced Spatial Modelling and Advanced Image Processing. Further courses throughout the year help student build their research, academic writing and presentation skills.

Applied remote sensing courses train the students in research methodologies through the integrated application of remote sensing techniques to a small project. This work ranges over project planning procedures, field data acquisition and ground truthing, data collection, input analysis, field validation, output and reporting.

The programme culminates in a remote sensing dissertation, an individual piece of research focused on the application of remote sensing techniques to a specific problem. This research may form an extension or development of topics covered in the preceding applications and case studies courses. Students are also encouraged to consider a research project topic related to their background interest, to develop GIS and remote sensing skills in the field they are already familiar with.

This is a highly respected programme in the UK geographic information industry, and graduates are highly sought after in private industry, agencies and government. The programme has an excellent employability rate.

The university also offers PGDip/MSc Geographical Information Systems with Remote Sensing, which has the same content as this programme. The title of the degree for which the student receives his or her award is determined by the nature of the student's final dissertation. A student with a GIS-focused dissertation is awarded a degree for the Geographical Information Systems with Remote Sensing programme; a student with a dissertation focused on remote sensing is awarded a degree for the Remote Sensing with Geographical Information Systems programme.

## Content

- Introduction to GIS (15 credits)
- Introduction to Remote Sensing (15 credits)
- Case Studies in GIS and Remote Sensing (15 credits)
- Spatial Database Management and Programming (15 credits)
- Advanced Spatial Modelling (15 credits)
- Advanced Image Processing (15 credits)
- Research Design and Methods (15 credits)
- GIS and Remote Sensing Field Course (15 credits)
- Individual Research and Dissertation (MSc only) (60 credits)

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

**EITHER** a good first degree or a postgraduate diploma in natural sciences, geography or environmental subjects

**OR** relevant personal or professional experience.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applicants from other backgrounds are considered but should contact the Programme Leader: science-queries@gre.ac.uk.

- All UK applicants are interviewed.

### Assessment

Students are assessed through examinations, coursework and presentations.

### Professional recognition

This programme has strong links with Remote Sensing and Photogrammetry Society, the leading UK society in this field.

### Career options

Graduates from this programme can pursue employment in local authorities, the police force, environmental monitoring, urban planning and geology, strategic marketing, business and financial sector, utility companies and traffic authorities.

# Occupational Hygiene

PGDip/MSc

Occupational hygiene is concerned with the identification, evaluation and management of chemical, physical and biological agents arising from work. Occupational hygienists are employed in a wide range of industries, including the petrochemical industry, manufacturing, mining, aero-industry, service sectors and the health sector. Many hygienists are also actively involved in research in a range of related fields. Currently, there is significant demand from large multinational companies, and there is a worldwide shortage of trained occupational hygienists.

This programme covers all aspects of occupational hygiene, and any student registered on it will be expected to complete a dissertation based on an occupational hygiene topic. A student on this programme may apply for research funding from the British Occupational Hygiene Society to cover costs associated with his or her research project.

Significant emphasis is placed on learning and research. One of the first courses students take is Critical Thinking, which provides them with all the skills necessary to take full advantage of their studies.

As this is a distance learning programme, students are provided with study guides and supporting texts. Increasing use is being made of electronic information sources, and an online community is being developed for students. Students are invited to their learning centres at the start of the autumn and spring terms, giving them an opportunity to speak to tutors and other students.

## Content

- Chemical Agents (20 credits)
- Management of Physical Agents (20 credits)
- Environmental Impact and Management (20 credits)
- Ergonomics and Workplace Psychology (20 credits)
- Safety and Risk Management (20 credits)
- The Reflective Practitioner (20 credits)
- Critical Thinking (10 credits)
- Research Methods (10 credits)
- Dissertation (MSc only) (40 credits)

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

Distance learning

### Entry requirements

Applicants should have:

**EITHER** a good honours degree in a science or engineering subject

**AND** be currently working in the general field of occupational health and safety

**OR** have appropriate professional qualifications with relevant experience

**OR** other qualifications considered equivalent to the above.

### Assessment

Students are assessed through assignments.

### Professional recognition

This programme is accredited by the British Occupational Hygiene Society.

### Career options

This programme offers enhanced skills for those already working in the field of occupational hygiene.



# Safety, Health and Environment

## PGDip/MSc

Occupational safety and health aims to prevent accidents, ill-health and other losses arising from work and work activities. The last few years have also seen safety professionals becoming increasingly responsible for environmental issues and, with current concern about climate change, this responsibility will almost certainly grow.

This programme covers all aspects of occupational safety, health and environment. Significant emphasis is placed on learning and research and one of the first courses that students take is Critical Thinking, which provides them with the skills necessary to take full advantage of their studies.

As this is a distance learning programme, students are provided with study guides and supporting texts. Increasing use is made of electronic information sources and an online community is being developed for students. Students are invited to their learning centres at the start of the autumn and spring terms, giving them an opportunity to speak to tutors and other students.

Aims of the programme:

- To develop the students research and analytical skills.
- To develop a wider and more in-depth understanding of occupational health, safety and environment theory and practice.

## Content

- Chemical Agents (20 credits)
- Management of Physical Agents (20 credits)
- Environmental Impact and Management (20 credits)
- Ergonomics and Workplace Psychology (20 credits)
- Safety and Risk Management (20 credits)
- The Reflective Practitioner (20 credits)
- Critical Thinking (10 credits)
- Research Methods (10 credits)
- Dissertation (40 credits)

## Key facts

**School** Architecture & Construction

### Attendance

Distance learning

### Entry requirements

Applicants should have:

**EITHER** a good honours degree in a science or engineering subject

**AND** be currently working in the general field of occupational health and safety

**OR** have appropriate professional qualifications with relevant experience

**OR** other qualifications considered equivalent to the above.

### Assessment

Students are assessed through a project at the end of each course to be completed within the workplace.

### Professional recognition

This programme is accredited by the Institution of Occupational Safety and Health.

### Career options

This programme offers enhanced skills for those already working in the field of occupational health and safety.

# Higher Specialist Social Work

PGDip

# Advanced Social Work

MA

These programmes have been designed to enable qualified social workers employed in social work practice to gain a post-qualifying award in social work at the higher specialist or advanced levels. The programme incorporates the specialist standards prescribed by the General Social Care Council under its post-qualifying framework for social work education and training. To undertake these programmes students must already be qualified in social work and be registered with the GSCC.

Students who successfully complete 120 credits of study are awarded the postgraduate diploma. Those who complete an additional 60 credits are awarded the MA.

These programmes have been planned through close consultation with stakeholders in the statutory, independent and voluntary sectors and with service users and carers.

The programmes are flexible, enabling students to study on a part-time basis and integrate into work contemporary theoretical perspectives to develop their professional practice. There are two pathways: Social Work with Children and Families and Social Work Practice Education.

## Content

### Both Pathways:

- Research and Development
- Independent Work-Based Learning
- Project (MA only)

### Children and Families Pathway only:

- Safeguarding and Protecting the Welfare of Children
- Critical Decisions in Child Care
- Portfolio for Innovative Practice
- Choice of option courses

### Social Work Practice Education Pathway only:

- Learning, Teaching and Assessing
- Course Design and Evaluation
- Practice Teacher

## Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

### Attendance

2-3 years part-time (PGDip)

Additional 1 year part-time (MA)

### Entry requirements

Applicants must already be qualified in social work and have:

**EITHER** a first degree in a relevant subject obtained from an EU university (equivalent qualifications from non-EU universities are assessed on an individual basis)

**OR** a professional qualification and significant evidence of experience or expertise that suggests an ability to study at level 7. This is assessed on an individual basis.

- You must also be a qualified social worker registered with the General Social Care Council, have the recommendation and support of your employer, and be currently employed as a social worker in your chosen specialism.

### Assessment

Students are assessed through practice and coursework.

### Professional recognition

Graduates will be listed on the Social Care Register of the General Social Care Council.

### Career options

Graduates from this programme can pursue career progression within social work in the public, independent or voluntary sectors.

# Professional Practice Health and Social Care

## PGDip/MA

This programme offers professionals an opportunity to develop their practice by entering into the current debates within health and social care in a supportive and active learning environment. The core courses equip students with a deeper understanding of these issues and debates along with a high level of writing, research, critical reading and analysis skills that encourage the articulation of a variety of perspectives.

The programme also offers a selection of optional courses ideal for students wishing to develop practice within a particular career context. Students study a general route or select from a range of specialist routes. Routes available include: Generic route; Community Matron; Independent Prescribing; Mental Health; Midwifery; Safeguarding the Welfare of Children and Young People; Therapeutic Counselling; Cosmetic Medicine and Sexual Health.

The programme has three phases. On completion of Phase 1, the student can apply for the award of a postgraduate certificate in Professional Practice in Health and Social Care; at the end of Phase 2 for a postgraduate diploma; and for the MA after completing the third phase.

## Content

### Optional courses include:

- Ethics for Professional Practice
- Inter-Professional Working
- Introduction to Research Methods
- Dissertation
- Portfolio for Innovative Practice

### Route options can be chosen from a range including:

- Professional Practice from a Generic Perspective
- Leadership
- Safeguarding the Welfare of Children and Young People
- Sexual Health
- Midwifery
- Community Matron
- Therapeutic Counselling
- Independent Prescribing
- Mental Health (subject to approval)
- Public Health (subject to approval)
- Cosmetic Medicine (subject to approval)

### Compulsory courses for completion of the MA include:

- Research and Development
- Independent Work-based Learning Project

## Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

### Attendance

Minimum 2½ years part-time

Maximum 5 years part-time

### Entry requirements

Applicants must be experienced professionals working in health care and have successfully completed a relevant undergraduate degree programme.

### Assessment

Students are assessed through essays and reports that require an analysis of the respective issues within the context of their own practice, and a dissertation.

### Career options

This programme enables professionals to examine their current practice in the light of contemporary relevant issues and to develop within a leadership role.

# Safeguarding Children and Young People

## PGCert/MA

The aim of this programme is to facilitate the student to gain deepening subject knowledge and skills to enable them to formulate innovative proposals, confidently develop practice and provide leadership within an inter-agency framework.

The programme emphasises the inter-professional perspective of safeguarding children and young people aiming to provide a more specialised and advanced education which addresses local, national and international issues. This will be achieved within a framework of current research, legislation and contemporary policy thus enabling the student to critically appraise the evidence base for their own and others practice.

To attain an MA in Safeguarding Children and Young People, students must complete courses to the value of 180 credits. If students do not wish to complete the full MA, there will be step off points at the end of year 1 (PGCert).

Students are assessed through coursework including case studies, essays and a portfolio of practice which comprises a reflective log and practice assessment elements. The final assessment in year three includes a substantial project report.

This programme facilitates students to develop enhanced knowledge to underpin the skills required by professionals with a particular remit for safeguarding and protecting the welfare of children and young people. It aims to provide the context in which students will have opportunity to develop critical insight and application of theoretical perspectives from research and practice across multi-professional and interagency boundaries.

## Content

### Year 1

- Safeguarding Children and Young People: Concepts for Practice (30 Credits)
- Protecting Vulnerable Children and Young People with Complex Needs (15 Credits)
- Child Protection Law (15 Credits)

### Year 2

- Research and Development (30 Credits)
- Decision Making in Child Care (30 Credits)
- Domestic Abuse (15 Credits)
- Portfolio of Innovative Practice (15/30 Credits)

### Year 3

- Independent Work Based Learning Project (60 Credits)

## Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

### Attendance

3 years part-time

### Entry requirements

Applicants should have:

A relevant professional qualification and a first degree in an appropriate cognate area, and professional responsibility for safeguarding/child protection work as part of their normal working practice.

**PLUS** applicants must have support from their manager with evidence of placement availability for working with children, young people and families.

- Candidates without formal qualifications but who possess substantial experience (minimum 3 years) in safeguarding children and young people/child protection work will be invited to submit a written piece of work and will also be interviewed to determine suitability to undertake the programme.
- Other qualifications or experience may be considered if they demonstrate that the candidate has knowledge and skills to the standard of an honours degree.
- Core courses in year 1 and 2 have a practice assessment element, for which the applicants will require a mentor from practice who must be identified by the beginning of the programme.

# Social Work

## PGDip/MA

This programme is for graduates and leads to the nationally recognised qualification in social work and eligibility to register as a social worker with the General Social Care Council (the GSCC will shortly transfer this function to the Health Professions Council).

On completion, students will be able to work in the full range of social work and social care organisations in the statutory, voluntary and independent sectors.

At the beginning of the programme, all students will initially enrol for the PGDip programme and either progress to the MA programme in year two (depending on the grade point average achieved in year 1) or continue with the PGDip. Undertaking the MA will involve completing a 60-credit Master's dissertation in year 2. The programme includes 200 days of supervised practice placements, 80 days in year 2 and 120 days in year 2.

Both the PGDip and MA lead to eligibility for registration as a social worker. Although this programme is a postgraduate one, application is via UCAS. The code for this programme is L502 A MOD/SW.

Aims of the programme:

- To facilitate graduates to gain social work knowledge, skills and understanding and the ability to apply these to their practice. This will enable them, on qualification, to work with and support families and individuals who have challenging and complex needs.
- To develop and enhance students ability to critically analyse the values which underpin social work, such as social justice, equality and fairness. Additionally, students will develop an understanding of social policy, current social work legislation and enhanced practice skills.
- To develop critically reflective practitioners who can demonstrate excellent communication skills, creativity and emotional resilience and deal with the complexities and challenges of the social work task.

## Content

### Year 1

- Human Growth and Development for Social Work Practice
- Law and Policy for Social Work
- Social Theories for Professional Practice
- Skills, Methods and Models of Social Work Practice (including an extended period of 80 days practice learning)

### Year 2

- Research Minded Evidence Based Practice
- Power, Politics and Change in Social Work Practice
- Transition towards Professional Social Work Practice
- Working with Complexity in Social Work Practice (including an extended period of 120 days practice learning)
- Research Project (MA students only)

Note: the part-time route is employment based and only available to graduates employed in organisations which are in partnership with the programme.

## Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

### Attendance

MA: 24 months full-time, 36 months part-time.

PGDip: 2 academic years full-time, 3 academic years part-time.

### Entry requirements

Applicants should have:

A first class honours degree or 2.1 preferably in the social sciences

**PLUS** GCSE English and mathematics at grade C or above, or equivalent.

**PLUS** a minimum of one year's full-time experience or equivalent in a social work related activity, either paid or voluntary.

- Applicants with a high 2.2 degree may be considered.
- Applicants should also either be eligible for an NHS Social Work bursary or will be funded by their employer.
- Applicants will need to obtain a reference from their manager or volunteer coordinator.
- Applicants will also need to provide evidence of a satisfactory CRB and health check.
- Students who do not have English as their first language will be required to demonstrate an IELTS score of 7 with not less than 6 achieved in any element.

### Assessment

A range of assessment methods will be used including essays, case studies, observation reports, portfolios and practice documentation.

### Career options

Social work is entering a time of considerable change a reform. For their future careers this programme will have prepared students to work with and support families and individuals who have challenging and complex needs in a range of settings.

# Specialist Social Work (Children and Families)

## Graduate Diploma

This programme is designed for qualified social workers with a first degree who are employed in social work practice and are seeking to gain a post-qualifying award in social work.

The programme incorporates the specialist standards prescribed by the General Social Care Council under its post-qualifying framework for social work education and training. The programme aims to enable students to integrate theory and practice in their studies and extend their professional knowledge, skills and values. The programme has been planned through close consultation with stakeholders in the statutory, independent and voluntary sectors and with service users and carers.

Students focus on social work with children, young people, their families and carers.

## Content

- Critical Decisions in Child Care
- Safeguarding Children and Young People
- Consolidation of Initial Competence in a Specialist Context
- Enabling Others

Options from a range including:

- Domestic Abuse
- Child Mental Health Practice
- Keeping Children Safe From Harm
- HIV/AIDS
- Substance Misuse
- Working with Older People
- Working with People with Intellectual Disabilities
- Safeguarding Vulnerable Adults
- Work-Based Learning Project

## Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

### Attendance

2-4 years part-time

### Entry requirements

Applicants should have:

A first degree in a relevant subject obtained from an EU university.

- You must also be a qualified social worker registered with the General Social Care Council, have the recommendation and support of your employer and be currently employed as a social worker in your chosen specialism.
- Equivalent qualifications from non-EU universities are assessed on an individual basis.

### Assessment

Students are assessed through practice and coursework.

### Professional recognition

Graduates will be listed on the Social Care Register of the General Social Care Council.

### Career options

Graduates from this programme can pursue career progression within social work in the public, independent or voluntary sectors.

# Speech and Language Therapy

## PGDip

The content for this programme, which is offered by the University of Greenwich and Canterbury Christ Church University, is applied closely to the practice of speech and language therapy. The programme gives students a detailed understanding of the changes that occur and difficulties that can arise for the individual who seeks the help of a speech and language therapist.

Speech and language therapists work in hospital wards and outpatient departments, mainstream and special schools, day centres and clients' homes, and courtrooms, prisons and young offenders' institutions. Practice placements are organised to give experience of a number of these settings.

The programme aims to develop speech and language therapists who are autonomous, accountable practitioners, competent and confident to contribute their evidence-based profession-specific skills and knowledge in the delivery of health, education and social care for users of speech and language therapy services and their families.

The programme is structured so as to maximise opportunities for learning how to work in an interprofessional and multi-agency context and within a changing workforce. A wide range of assessments are used including written assessments, presentations and assessment of placement education.

## Content

- Orientation to Speech and Language Therapy (20 credits)
- Biological Sciences for Speech and Language Therapy (20 credits)
- Speech and Language Therapy: Assessment and Intervention (20 credits)
- Communication and Cognitive Disorders (20 credits)
- Psychological Science and Human Development (20 credits)
- Open Module: Work-Based Learning (20 credits)

## Key facts

**School** Health & Social Care

**Location** Medway Campus  
(Practice education takes place in a range of settings across the South East)

### Attendance

2 years full-time  
January start

### Entry requirements

Applicants must have:

An honours degree (normally 2.1 or above) preferably in a related subject such as education, health or psychology.

**PLUS** a commitment to helping children and adults who have difficulties with communication or with eating, drinking and swallowing.

- It is preferable that applicants have experience of paid or voluntary work in education, health or social care.

### Assessment

Students are assessed through case studies, essays, situational analysis, oral presentation, unseen papers, a portfolio and reflection.

### Professional recognition

Graduates from this programme are eligible to register with the Health Professions Council and become members of the Royal College of Speech and Language Therapists.

### Career options

Graduates can pursue careers as speech and language therapists.

### Please note:

Places on this programme are subject to the following conditions:

- Criminal Records Bureau check
- Residential regulations
- Occupational Health screening

# International Human Resource Management

## PGDip/MA

This programme is designed for people with an interest in human resource management and/or experience in human resource activities who wish to extend their skills. It offers an opportunity to focus on cultural and management issues at the international level and it would suit both students from home and overseas who wish to study this postgraduate programme in the UK.

Overall, it provides students with the ability to develop a systematic understanding and critical awareness of current problems and issues in international human resource management.

On completion of this programme students are currently eligible to apply for membership of the Chartered Institute of Personnel and Development (CIPD). However, due to ongoing changes at the CIPD the grade of membership for this programme will be determined later this year. The CIPD is the professional body for Human Resource practitioners in the UK and it is increasingly recognised globally.

The programme of study comprises of 180 credits, with the taught components completed over one year. Part-time students are expected to cover 75 credits in year 1 and 60 credits in year 2, plus 45 credits, for the dissertation, once the taught components have been completed and passed.

## Content

- Foundations of Scholarship and Research Methods (30 credits)
- HR Skills and Consultancy (15 credits)
- Organisational Behaviour and Leadership (15 credits)
- International Context of Human Resource Management (30 credits)
- Human Resource Functions (30 credits)
- Human Resource Strategy (15 credits)
- Dissertation (45 credits)

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A relevant first degree from a recognised university (equivalent to a UK 2.2)

- Students who were educated in a language other than English should demonstrate an IELTS score of 6.0 (plus at least 5.5 in each of the elements) or above. Alternatively, you can enter via the University of Greenwich International Pre-Master's Programme

### Assessment

Students are assessed on varied aspects of organisational practice through portfolios, case studies, presentations, practical activities and written assignments, on the conceptual issues, the research basis and on skill.

### Career options

Graduates can pursue professional positions in international human resource management in public and private institutions, international companies, government departments, non-governmental organisations, trade unions and similar agencies.



# Personnel and Development

## MA

The Chartered Institute of Personnel and Development (CIPD) has fully accredited this evening programme against its new professional standards via the 'HR Profession Map' giving students the opportunity to obtain Chartered (Full) Membership. The MA is designed to meet the knowledge standards plus develop the behaviour standards of both the university and the professional body for personnel professionals. It helps students to become adaptable, well-informed and proficient in a range of managerial skills, as well as become attuned to lifelong learning. This programme provides students with a systematic knowledge and a critical awareness of current problems and insights in the discipline of personnel and development.

The programme is designed to be studied in a systematic and incremental manner. Students already possessing Graduate or Chartered CIPD qualifications may enter the programme in the final year and complete a number of 'top up' courses to complete the MA qualification.

All our CIPD accredited programmes are run on an evening only basis usually on Mondays and Wednesdays. There will be two daytime workshops each academic year usually on a Thursday and Friday.

We are developing a full-time programme which would run as above, but additional classes on Monday and Wednesday afternoons. Further updates will occur when additional information is available. Full-time mode is currently subject to approval.

## Content

- Developing Skills for Business Leadership (15 credits)
- HR Context (15 credits)
- Leading, Managing, and Developing People (15 credits)
- Foundations of Scholarship and Research Methods (15 credits)
- Resourcing and Talent Management (15 credits)
- Reward Management (15 credits)
- Human Resource Strategy (15 credits)
- Dissertation (45 credits)
- Learning and Talent Development (15 credits)
- Employee Relations or Employment Regulation (15 credits)

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

2 years part-time

1 year full-time (subject to approval)

### Entry requirements

Applicants must have:

An Undergraduate Degree at 2.2 or above (ideally with two years relevant work experience).

**OR** the leadership and management qualification of the Chartered Institute of Personnel and Development (CIPD). (This will provide some exemptions)

**OR** an equivalent qualification. (Please contact the Programme Leader to discuss)

- Students with any previous CIPD qualifications are welcome to enter the programme at appropriate points.

- International students require an IELTS score of 7.0 (with no component score less than 6.5).

### Assessment

Students are assessed through examinations, coursework and a dissertation. Students must complete a Continuing Professional Development portfolio for the MA.

### Professional recognition

The MA leads to full Chartered Membership of the CIPD.

### Career options

Graduate may pursue opportunities in personnel management and HR-related disciplines.

# Garden Design

MA

Garden design is an art with a 4,000-year history, requiring skills in construction, planting and design. It is distinguished from landscape architecture by its focus on private rather than public space, but the technical and design skills involved are similar.

The programme can be taken by graduates in any discipline who have taken the University of Greenwich Certificate in Landscape Design or an equivalent qualification, and also by graduates of the university's BA Hons Garden Design or a similar programme.

Studies are mainly at the School of Architecture & Construction at Avery Hill, but Landscape and Garden Design Precedents and Advanced Landscape and Garden Design are undertaken at our Greenwich Campus. There are week-long block courses at Easter and May and students are expected to use the libraries and museums of London and to explore historic and contemporary gardens in England and throughout Europe.

## Content

- History and Philosophy of Garden Design (20 credits)
- Advanced Planting Design (20 credits)
- Landscape Engineering (10 credits)
- Garden and Landscape Study Tour (20 credits)
- Art and Context (20 credits)
- Landscape and Garden Design Precedents (20 credits)
- Advanced Landscape Design 1 (20 credits)
- Advanced Landscape Design 2 (20 credits)
- Design Methodology (20 credits)
- Design and CAD/Visualisation (10 credits)

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus/  
Greenwich Campus/Hadlow College

### Attendance

12 months full-time

20 months part-time

### Entry requirements

Applicants should have:

**EITHER** a good honours degree (2.2 or above)

**OR** a non-honours degree (including a Fachhochschule Diplom)

**AND** a Certificate of Landscape Design.

**OR** a good honours degree in garden design (2.1 or above).

- Applicants must present a portfolio of work with their application.

### Assessment

Students are assessed through coursework.

### Professional recognition

Graduates with approved experience can apply for membership of the Society of Garden Designers.

### Career options

Graduates from this programme can pursue careers in the design and management of gardens or an academic career in garden design.

# Garden History

## PGCert/MA

This programme deals with the 4,000-year history of garden design in West Asia, Europe and the Americas. The programme can be taken by graduates in any discipline who have the interest and ability to study and interrelate texts and images with built designs.

Students who do not meet the requirements for MA entry may enter via the PGCert programme. Following successful completion, students can elect either to receive the PGCert or to proceed to the MA (the same credits cannot be used to obtain two qualifications).

Aims of the programme:

- To learn how the history of art relates to the history of garden design.
- To appreciate the influences that have guided western garden design over the past 4,000 years.
- To gain knowledge of the main styles of garden design in the West.

## Content

### PGCert

- History and Philosophy of Garden Design (40 credits)
- Landscape and Garden Design Theory (20 credits)

### MA

- Dissertation Research (20 credits)
- Dissertation Production (40 credits)
- Historic Garden Project (20 credits)

One 20-credit option chosen from:

- Historic Garden Conservation
- Garden and Landscape Study Tour

One or two options (20 credits) chosen from:

- Research Methods (20 credits)
- Critical Thinking (10 credits)
- Research Methods (Property and Constuction) (10 credits)

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus (MA)/ Greenwich Campus (MA)/Hadlow College (PGCert and MA)

### Attendance

#### PGCert

1 year flexible learning

#### MA

1½ years full-time

2½ years part-time

### Entry requirements

#### PGCert

Applicants should have:

An equivalent professional qualification

**AND** a Certificate in Garden Design.

**OR** relevant work experience.

- Applicants must present a portfolio of work.

#### MA

Applicants should have:

**EITHER** a good honours degree (2.1 or above)

**OR** a non-honours degree (including a Fachhochschule Diplom).

**AND** a Certificate of Landscape Design

**OR** a good honours degree in garden design (2.1 or above).

### Assessment

Students are assessed through coursework.

### Career options

The programme offers opportunities in the management of historic gardens.

# Landscape Architecture

## Dip

This programme is professionally based and encourages independence of mind and personal specialisation. As an accredited programme, it forms, with BA Hons Landscape Architecture or BA Hons Garden Design, part of an 'intercalated' set of awards leading to membership of the chartered professional body, the Landscape Institute. It is for students who have completed one or more years in landscape practice and who intend to become members of the Landscape Institute.

The programme is well known both nationally and internationally and is one of the longer established British programmes. It is structured on a studio/tutorial basis with lecture/seminar courses. Teaching is shared with MA Landscape Architecture. Technically this is not a postgraduate programme (it is intercalated) but is included in this prospectus because it has graduate entry.

## Content

- Landscape Professional Studies (10 credits)
- Theme Project (20 credits)
- GIS for Landscape Planning (10 credits)
- Design and CAD/Visualisation (10 credits)
- Urban Development Project (20 credits)

One 20-credit option chosen from:

- Art and Context
- Advanced Planting Design
- History and Philosophy of Garden Design
- City and Landscape Studies

One 20-credit option chosen from:

- Advanced Landscape Design 1
- Landscape Assessment and Design

One 20-credit option chosen from:

- Advanced Landscape Design 2
- Techniques of Landscape Assessment

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

- 1 year full-time
- 2 years part-time

### Entry requirements

Applicants should have:

A good accredited degree in landscape architecture and evidence of academic ability

**PLUS** satisfactory professional experience.

**PLUS** a design portfolio.

### Assessment

Students are assessed through a professional studies examination, coursework, seminars, essays and a portfolio of design projects.

### Professional recognition

This programme is accredited by the Landscape Institute in conjunction with the BA Landscape Architecture or the BA Garden Design.

### Career options

The programme offers employment opportunities in the private and public sectors in the UK and worldwide.

# Landscape Architecture

## MA

This programme is designed for students in disciplines related to design, such as architecture, design, geography, town planning or fine art, or from the environmental sciences, such as horticulture, botany, biology or forestry. Direct entry to the Master's programme requires completion of the Certificate in Landscape Design but is also open to students who have a British or US-style BA Hons landscape architecture degree and who choose not to undertake the Diploma in Landscape Architecture. There is a strong element of computer-aided design (CAD) using industry standard software. The dissertation is completed in the last term by flexible learning.

## Content

- Landscape Professional Studies (10 credits)
- Landscape Engineering (10 credits)
- Theme Project (20 credits)
- Landscape and Garden Design Precedents (20 credits)
- GIS for Landscape Planning (10 credits)
- Design and CAD/Visualisation (10 credits)
- Urban Development Project (20 credits)
- Design Methodology (20 credits)

One 20-credit option chosen from:

- Art and Context
- Advanced Planting Design
- History and Philosophy of Garden Design
- City and Landscape Studies

One 20-credit option chosen from:

- Advanced Landscape Design 1
- Landscape Assessment and Design

One 20-credit option chosen from:

- Advanced Landscape Design 2
- Techniques of Landscape Assessment

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

1½ years full-time  
2 years part-time

### Entry requirements

Applicants should have:

**EITHER** a good first degree in landscape architecture or recognised equivalent

**OR** the University of Greenwich Certificate in Landscape Design or equivalent.

- Applicants should send a design portfolio with their application forms.

### Assessment

Students are assessed through seminars, essays, coursework, a portfolio of project work and a dissertation.

### Professional Recognition

This programme is accredited by the Landscape Institute in conjunction with the PG Certificate Landscape Design.

### Career options

This programme can lead to careers as Landscape architects in public and private sectors in the UK and worldwide.

# Landscape Design

## PGCert

This certificate leads to the MA Landscape Architecture programme and together they form the conversion route for graduates from other disciplines to complete the MA Landscape Architecture degree, which is accredited by the Landscape Institute.

Many students entering the certificate programme already have a good first degree in environmental or design disciplines, such as horticulture, environmental science, architecture, planning, design or the fine arts, but applicants from more less directly related disciplines, such as philosophy, languages or law, are also considered. The certificate may also lead to the MSc Landscape Planning and Assessment programme, which is for those who need to acquire the requisite knowledge of plan drawing, plants and construction.

The programme involves level 1 and 2 and is primarily design and technically based. Students spend one day per week at Hadlow College where they study horticulture, planting design, construction and ecology and conservation. There are block courses in technical drawing (three days in September at the beginning) and one whole week at Easter in digital design. Usually there is also a field trip to Paris in November. There are also several one-day field trips throughout the year both on teaching days and on Saturdays.

The programme is made up of design courses in visual studies, landscape and planting design and technical subjects, such as amenity horticulture and construction. Students gain a full technical knowledge of plants (and how to identify them), horticulture, construction and design.

## Content

- Design and Communication (15 credits)
- Landscape Basic Design (15 credits)
- Design with Nature (15 credits)
- Landscape and Digital Design (10 credits)
- Planting Design (15 credits)
- Ecology and Conservation (15 credits)
- Hard and Soft Materials (30 credits)
- Site Design (15 credits)

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus/  
Hadlow College

### Attendance

1 year full-time  
1½ years part-time  
(One day per week at Hadlow College)

### Entry requirements

Applicants should have:

A good first degree.

- Applicants should send a design portfolio with their application forms. Those from non-design backgrounds are advised to undertake a drawing course to develop a portfolio.

### Assessment

Students are assessed through written examinations, plant identification tests, seminars, coursework and design project portfolios.

### Professional recognition

This programme is accredited by the Landscape Institute jointly with the MA Landscape Architecture or the MSc Landscape Planning and Assessment.

### Career options

This programme offers graduates opportunities as landscape architects in public and private sectors in the UK and worldwide.

# Landscape Planning and Assessment

## MSc

This programme is for landscape design students who wish to specialise in environmental assessment. It is suitable for graduates from BA Hons Landscape Architecture or the Certificate in Landscape Design. It may also be of interest to graduates from other disciplines, who would be required to first undertake the Certificate. The programme includes an Urban Development project, that gives the student experience of analysing a large urban area (a "territory") where a synthesis must be achieved between a range of different planning, design and environmental objectives.

The final design project includes an assessment and redesign of a developer's masterplan focusing on improving the landscape/townscape, ecological, contextual and sustainability aspects within a creative framework.

The programme is accredited by the Landscape Institute and can also be preparation for membership of the Royal Town Planning Institute in association with work experience.

To see examples of projects from former students log on to [www.gre.ac.uk/schools/arc/departments](http://www.gre.ac.uk/schools/arc/departments) and select Landscape and Garden Design.

## Content

- Landscape Professional Studies (10 credits)
- Landscape Engineering (10 credits)
- Theme Project (20 credits)
- Advanced Planting Design (20 credits)
- Geographical Information Systems for Landscape Planning (10 credits)
- Design and CAD/Visualisation (10 credits)
- Techniques of Landscape Assessment (20 credits)
- Landscape Assessment and Design (20 credits)
- Urban Development Project (20 credits)
- City and Landscape Studies ( 20 credits)
- Design Methodology (20 credits)

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

12 months full-time

21 months part-time

### Entry requirements

Applicants should have:

**EITHER** a good first degree in landscape architecture or recognised equivalent

**OR** the University of Greenwich PG Certificate in Landscape Design or its equivalent.

- Applicants also require a portfolio of design work.

### Assessment

Students are assessed through a professional studies examination, coursework and portfolio of project work.

### Professional recognition

This programme is accredited by the Landscape Institute.

### Career options

Graduates from this programme can pursue opportunities as landscape architects and as landscape planners in public and private sectors.

# Language Learning and Japanese Language Teaching

## MA

This programme is offered in partnership with the Institute of International Education in London. Students are given an academically rigorous programme that explores linguistics issues relating to the Japanese language. It also analyses research in applied linguistics, particularly research activities and themes that impinge on the language learning environment, such as second language acquisition, language testing, communicative language learning and classroom-based research.

The programme also explores the interface between research in language learning and the practical learning environment, with an emphasis on the teaching of Japanese, and evaluates the role and future of information technology within a resource-based language-learning framework.

Aims of the programme:

- To explore linguistics issues in the Japanese language.
- To analyse the research in applied linguistics, in particular the research activities and themes that impinge on the language learning environment such as second language acquisition, language testing, communicative language learning and classroom-based research.
- To explore the interface between research in language learning and the practical learning environment with an emphasis on the teaching of Japanese.
- To evaluate the role and future of information technology within source-based language learning framework.
- To develop an awareness of non-traditional (i.e. non-classroom teaching) methods of language learning.

## Content

- Second Language Acquisition
- Current Methodologies in Communicative Language Teaching and Testing
- Research Methods in Language Learning
- Japanese Language and Analysis
- Japanese Teaching Methodology
- Dissertation

## Key facts

**School** Humanities & Social Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

### Entry requirements

Applicants should have:

A good relevant first degree from a recognised university.

**PLUS** a PGDip in Japanese language teaching offered by the Institute of International Education

**OR** an equivalent teaching qualification.

- If your first or main language is not English, IELTS 6.5 or equivalent is required.

### Assessment

Students will be assessed via essays and a dissertation.

### Career options

Graduates may consider a role as a language teacher in schools, colleges or universities.



# Management of Language Learning

## MA

This programme is designed for both graduates with teaching experience and practising language teachers and trainers who wish to build a career in modern languages and English as a foreign language. It enables students to make an effective contribution to language learning in their organisation through research, development and the application of newly acquired knowledge, and enhance career prospects in further and higher education.

Students introduced to a wide range of research in applied languages, in particular those research activities and themes that affect the language-learning environment, including second language acquisition and communicative language teaching. Students also explore research in language learning in relation to the practical learning environment. They acquire the skills to write and use computer-aided language learning tools and conduct a research project in language learning and language teaching.

Aims of the programme:

- To analyse theory and research in applied languages, particularly the research activities and theoretical frameworks that impinge on language learning and language teaching and testing.
- To explore the interface between research in language learning and the practical learning environment.
- To evaluate the role and future of information technology with a resource-based language-learning framework.
- To develop an awareness of non-traditional (i.e. non-classroom-based) methods of language learning.
- To provide the research skills and knowledge of research methods in language learning to enable the student to conduct their project.

## Content

- Second Language Acquisition (30 credits)
- Current Methodologies in Communicative Language Teaching and Testing (30 credits)
- Use of Information Technology in Language Learning (30 credits)
- Research Methods in Language Learning (30 credits)
- Dissertation (60 credits)

## Key facts

**School** Humanities & Social Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A good first degree and teaching experience.

- Students educated in a language other than English should have an IELTS score of 6.5 or above.

### Assessment

Students are assessed through essays and a dissertation.

### Career options

Graduates can become teachers of languages in schools, colleges or universities, or run a department of languages.

# International Justice

## LLM

This programme focuses on international justice and the institutions and accountability mechanisms responsible for achieving it, including the International Criminal Court, special tribunals, regional courts and truth commissions. Legal, political and criminological perspectives will be used to explore and critically analyse key issues in this area.

The LLM International Justice programme provides an opportunity to look beyond national jurisdictions at topics of increasing importance to those working in, or seeking to work in, law, human rights, criminal justice, and related fields. This includes topics such as human rights, crime, asylum, social control and justice, terrorism, and globalisation and development.

This programme, which offers the post-graduate student an opportunity to study both established and rapidly developing areas of law, will be of interest to a range of individuals, including recent graduates wishing to acquire specialist legal knowledge, to practicing lawyers and public or voluntary sector employees aiming to develop their expertise through further legal study. The LLM offers a flexible mode of study.

The LLM International Justice is a stimulating and engaging programme which will enable you to:

- Develop in-depth knowledge of legal frameworks for international justice and relevant accountability mechanisms.
- Examine international justice systems within legal, geopolitical and theoretical contexts.
- Conduct independent research and produce logical and creative arguments.

## Content

You will take core courses in:

- Public International Law (30 credits)
- Research Methods in Law (15 credits)
- Foundations for Postgraduate Research (15 credits)
- Dissertation (60 credits)

In addition, you will choose two options (30 credits) from a range offered, including: International Human Rights Law; International Criminal Law; Human Rights Law; Crime, Terrorism and the State; Politics of Globalisation; Environment, Regulation and Responsibility and Asylum, Social Control and Justice.

## Key facts

**School** Humanities & Social Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time  
2 years part-time

### Entry requirements

Applicants should have:

A first degree in law (minimum 2.2)

**OR** the equivalent from a recognised overseas university.

- If a student's first or main language is not English an IELTS minimum score of 6.5 or TOEFL minimum score of 232 (computer-based) or 100 (internet-based) is required.

### Assessment

A variety of teaching and learning methods are used including lectures, interactive workshops, interactive seminars and problem-solving exercises. The main assessment methods are extended essays, presentations and examinations.

### Career options

There are a variety of careers which students completing the programme may pursue including: practicing international law, working within international institutions and non-governmental organisations, university teaching and further research.

# International and Commercial Law

## LLM

With the growing importance of world trade, lawyers are expected to look beyond national jurisdictions and understand issues of public international law and international commercial law. Legal employers now place a high premium on graduates with international commercial law skills. This programme focuses on the law and legal framework governing the international community, as well as various legal issues surrounding international trade and global markets.

The LLM offers a flexible programme of study by providing two core taught courses (Public International Law and Corporate Law) and one other taught course selected by the student from a range of options. The student is also required to produce a 15,000-word dissertation on a specific topic, supervised by a member of staff. Subject to appropriate supervisory arrangements, applicants from overseas may be allowed to complete their dissertation in their home country. As part of the compulsory component, the student must also pass the Foundations for Postgraduate Study and Research course, as well as Research Methods in Law.

Aims of the programme:

- To ensure students understand the substantive legal principles in public international and corporate law.
- To ensure students understand the substantive legal principles in a chosen area of study offered within the programme.
- To ensure students are able to present findings and conclusions by means of an independent piece of academic research.

## Content

- Public International Law
- Corporate Law
- Research Methods in Law
- Foundations for Postgraduate Study and Research
- Dissertation

One 30-credit option chosen from:

- International Trade Law
- Intellectual Property Law
- International Human Rights Law
- International Criminal Law
- Public Shipping Law
- Environment Regulation and Responsibility

## Key facts

**School** Humanities & Social Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A first degree with honours in law (minimum of 2.2) from a recognised home (UK/EU) or overseas university

**OR** an equivalent recognised qualification.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system.

### Assessment

Students are assessed via coursework, class presentations and a dissertation.

### Career options

Graduates may practise international law within their home jurisdictions, take up careers with the United Nations, other international legal institutions or non-governmental organisations, or pursue university teaching and further research.

# International Maritime Policy

MA

International maritime policy may be broadly defined as the area of private and public policy concerned with the economics of maritime transport, ports and terminals; national and international regulation; maritime security and defence; maritime labour; and oceanic law, policy and management.

International and interdisciplinary in approach, the programme is of interest to maritime professionals in both sea- and shore-based sectors seeking to develop an in-depth understanding of current issues and future developments, public policy professionals seeking to develop maritime expertise, and graduates in maritime studies and public policy areas seeking further specialisation and postgraduate qualifications.

The programme combines lectures, tutorials, group and individual projects, and seminars, and provides opportunities to learn from the experience of those directly involved with international maritime policy.

The Greenwich Maritime Institute keeps in close touch with developments in the maritime sector through its Advisory Committee, representing a range of specialist professional interests. Certain courses are accredited by the Institute of Chartered Shipbrokers. Other links include those to the museum sector, in particular the National Maritime Museum in Greenwich, the Maritime London Promotion Group, the Greenwich Forum, Sea Vision UK and the London Universities Maritime Law and Policy Group.

## Content

- Methods, Problems and Issues in Maritime Policy (20 credits)
- Case Studies in Maritime Policy (20 credits)
- Economics of International Shipping (20 credits)
- Public Shipping Law (20 credits)
- Defence and Security (20 credits)
- Research Methods in Maritime Policy (20 credits)
- Dissertation (60 credits)

## Key facts

**School** Greenwich Maritime Institute

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A good honours degree

**OR** an equivalent qualification in an appropriate subject

**OR** relevant personal or professional experience.

- UK-based applicants are interviewed prior to acceptance. Applicants may be asked to provide examples of written work.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system.

### Assessment

Students are assessed through coursework and a dissertation.

### Career options

Graduates can pursue careers in maritime administration, international organisations, maritime non-governmental organisations.

# Maritime History

## MA

Maritime history covers all aspects of humankind's relationship with the sea and links to broader aspects of economic, political, cultural and social history. Its many facets include: shipping and shipbuilding, both naval and mercantile; trade and commerce; fishing; sea power; labour; ports and coastal communities; exploration; and maritime policy. The programme focuses on maritime history since the late 18th century, and places an emphasis on developing student skills in historical research.

The programme is particularly aimed at those with an existing interest in the more recent maritime past who are keen to deepen and broaden their knowledge and to investigate problems through individual research. It is also relevant to those with a first degree in history or a related discipline who want to develop maritime history expertise.

## Content

- Themes in British Maritime History since the Late Eighteenth Century: the Merchant Navy (20 credits)
- Themes in British Maritime History since the late Eighteenth Century: the Royal Navy (20 credits)
- Sources, Methods and Archives for Maritime Historians (20 credits)
- Twentieth Century International Maritime History (20 credits)
- Case Studies: Maritime History (20 credits)
- Dissertation in Maritime History (60 credits)

One 20-credit option chosen from:

- Economics of International Shipping
- 20th Century International Naval History
- Defence and Security
- Case Studies Maritime Policy

## Key facts

**School** Greenwich Maritime Institute

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A good honours degree

**OR** an equivalent qualification in an appropriate subject

**OR** relevant personal or professional experience.

- UK-based applicants are interviewed prior to acceptance.

- Applicants may be asked to provide examples of written work. Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system.

### Assessment

Students are assessed through coursework and a dissertation.

### Career options

Graduates may pursue opportunities in maritime history and/or undertake a doctoral study.

# Maritime Management

## MBA

The MBA prepares aspiring managers for senior responsibility in today's business organisations. It combines current theory with the practical skills and techniques required for managing all aspects of an organisation, from functional specialisms, such as marketing, operations and finance, through to whole-organisation strategic analysis and planning. It explores the international aspects of business, the use of technology to break down barriers and construct solutions, and the enlargement and creation of stakeholder value. It develops managerial skills in the evaluation and analysis of opportunity, leadership and consultation, and organisational effectiveness and change. The MBA is offered in conjunction with the Business School. While retaining the themes and all-inclusiveness of a classic MBA, this programme, which has been developed in consultation with leading figures from the maritime industry, pursues and applies theory and practice with special reference to the maritime sector.

## Content

- Economics of International Shipping (20 credits)
- Strategy and Transformation (20 credits)
- Creative Problem Solving and Consultancy Project (15 credits)
- Maritime Business Environment (10 credits)
- Leadership, Personal Development and Career Management (15 credits)
- Integrative Strategic Workshops and Simulations (15 credits)
- Logistics, Operations and Marketing in Shipping (20 credits)
- Financial Management (15 credits)
- Human Resource and Information Management (15 credits)
- Public Shipping Law (20 credits)
- Foundations of Scholarship and Business Research Skills (15 credits)
- Methods, Problems and Issues in Maritime Policy (20 credits)
- Business Analysis (10 credits)
- Business Research Project: Maritime (30 credits)

## Key facts

**School** Greenwich Maritime Institute/Business

**Location** Greenwich Campus

### Attendance

15 months full-time  
30 months part-time

### Entry requirements

Applicants should have:

A good UK honours degree

**OR** equivalent qualification

**PLUS** a minimum of three years' business experience, a significant proportion of which should be in the maritime sector.

- A candidate aged 28 or above with a minimum of seven years' experience but lacking a first degree or equivalent may be accepted at the discretion of the programme leader.

- Students who were educated in a language other than English should demonstrate an IELTS score of 6.0 or above.

### Assessment

Students will be assessed through coursework, examinations, and a dissertation.

### Career options

Opportunities for senior seagoing personnel seeking to develop a career on shore and for those wishing to progress within their current career in management.

# Strategic Marketing

## MA

This programme is run as a twin Master's degree alongside MA Strategic Marketing Communications and has been created to enable graduates and professionally qualified managers to gain a greater understanding of marketing. The programme is designed for students who wish to develop a management career in marketing and would like to specialise in a strategic marketing field. The aim is to advance an individual's marketing skills and understanding to meet the competitive challenges of the market place.

### Content

- Strategic Marketing Management (15 credits)
- Customer and Market Dynamics (15 credits)
- Foundations of Scholarship (15 credits)
- Influence, Leadership and Personal Development (15 credits)
- Contemporary Issues in Marketing (15 credits)
- Marketing Practice (15 credits)
- Research Methods (15 credits)
- Dissertation (45 credits)

Two 15-credit options (30 credits) from\*:

- Global Marketing Management
- Relationship and Interactive Marketing
- Marketing Consultancy
- Marketing Communication
- Strategic Brand Management

### Key facts

**School** Business

**Location** Greenwich Campus

#### Attendance

1 year full-time

#### Entry requirements

Applicants should have:

**EITHER** a good relevant first degree from a recognised university and marketing experience

**OR** the Chartered Institute of Marketing's Advanced Certificate in Marketing and marketing management experience.

- Students should also have a good standard of written and spoken English.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system.

#### Assessment

Students are assessed through examinations, research reports, presentations and a dissertation.

#### Career options

This programme offers management opportunities in marketing in commercial and not-for-profit organisations. Employers of our graduates also include major companies on both the agency and client sides.

\*The availability of option courses is subject to change.

# Strategic Marketing Communications

## MA

This programme runs alongside the MA Strategic Marketing and has been created to enable graduates and professionally qualified managers to gain a greater understanding of marketing communications.

This full-time programme is designed for students who wish to develop a management career in marketing with a particular emphasis on strategic communications.

The programme builds students' skills - business, academic and personal - as well as their understanding of aspects of marketing communications such as communications planning, consumer decision-making and behaviour, traditional and new (interactive) media and leading edge academic ideas to better meet the competitive challenges of a changing marketplace.

The programme also offers the opportunity of a visit to a partner school in France to explore communications in a different cultural and disciplinary context.

## Content

- Advertising and Marketing Communications (15 credits)
- Communications Theory (15 credits)
- Foundations of Scholarship (15 credits)
- Influence Leadership and Personal Development (15 credits)
- Contemporary Issues in Marketing Communications (15 credits)
- Research Methods (15 credits)
- Research Dissertation (45 credits)

Three 15-credit options (45 credits) from\*:

- Media Planning and Buying
- Relationship and Interactive Marketing
- Marketing Consultancy
- Global Marketing Management
- Strategic Brand Management
- Communications in Context

\*The availability of option courses is subject change.

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time  
September start

### Entry requirements

Applicants should have:

**EITHER** a good relevant first degree from a recognised university

**AND** marketing experience

**OR** the Chartered Institute of Marketing's Advanced Certificate in Marketing

**AND** marketing management experience.

- Good written and spoken English is needed. Students educated in a language other than English should have an IELTS score of 6.5 or above. Alternatively, students can enter via the University of Greenwich International Pre-Master's Programme.

### Assessment

Students are assessed through essays, reports, a research proposal and a dissertation.

### Career options

Graduates of this programme are currently working as consultants and as marketing and marketing communications managers for companies such as PricewaterhouseCoopers, Co-op Group, Magneti Marelli, Mills DA as well as various private companies, non-profits and government organisations around the world.



# Media and Communication

## PGCert/PGDip/MA

This MA programme focuses on the theory and practice of media and communication. In contemporary media production, most projects cut across online, games, radio, audiovisual and print media. This programme seeks to enable each student to make the best use of the opportunities and challenges of the digital media environment. It does this through the study of culture and industry, combining a critical foundation in the history and theory of media and communications with creative project work. Individual production projects (in both audio and screen-based media) and enterprise-related offerings are encouraged. Students have a choice of concluding their programme with either a written or practice-based dissertation.

The programme offers a flexible model to suit individual interests, skills and levels of experience. Placements with companies working in their area of interest available to students wishing to enhance their experience in the media and creative industries.

### Content

- Digital Culture and Industry
- Intellectual Property in a Creative Industries Environment
- Digital Poetics
- Media Work
- Research Practice Method
- Dissertation (written or practice-based)

Two options from:

- Creative Writing: The Subject Of/In Writing
- Critical Spatialities 1: The New Cartography
- Critical Spatialities 2: Out of the Spirit of Music
- Independent Research Project
- Independent Research Study
- Information Method and Culture
- Work Placement
- Postcolonialism and the Coming Community
- Untimely Meditations 1: Fractal Philosophy, Art, Noise
- Untimely Meditations 2: Electronic Arts Performance
- Writing Screen Narratives

### Key facts

**School** Humanities & Social Sciences

**Location** Greenwich Campus

#### Attendance

1 year full-time  
2 years part-time  
Stand-alone short courses are also available

#### Entry requirements

Applicants should have:

**EITHER** a BA Hons degree at 2.1 or above

**OR** an equivalent qualification.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

#### Specialist equipment/facilities

Students have access to filmmaking, video production and postproduction editing suites, television and sound-recording studios and the University's acclaimed Stephen Lawrence Gallery for all exhibition work. Also available to students is Issues in Contemporary Culture and Aesthetics, our journal for research dissemination and exchange.

#### Assessment

Students are assessed through coursework, seminar presentations and a dissertation (either traditional or based on an arts-project) including film/video/sonic art works and journalistic exchange.

#### Career options

This programme is suitable for students considering a career in the media and cultural industries or in research and education in related areas.

# Media, Arts Philosophy and Practice

## PGCert/PGDip/MA

This programme aims to provide a unique laboratory environment of research, practice, experiment and exchange in the media-arts and communications for artists, philosophers, social scientists, media-journalists, web-arts scientists and designers. The programme links theory with practice especially as it relates to the interlacing of contemporary theory with digital arts, visual/sonic/electronic and fine arts practices. At the same time, the programme gives a strong foundation in non-representational, modern and postmodern philosophy and practices of the arts, culture and sciences. media-arts includes research into the art of noise, music, web-based art and design; video/film making, creative writing, screen narrative, advertising, documentary film making, studio practice, poetics, e-gaming, moving image, photography and graphic design, digital, electronic, radio and electromagnetic arts, acoustic composition, performance/theatre.

The programme links with other schools at the university (e.g. the School of Computing & Mathematical Sciences - through the new MA in Cinematography and Post-Production). These connections enable you to study abroad via our independent study/research project option. As each student will be associated with a supervisory team, the programme also aims to give one-to-one tutoring.

### Content

- Critical Spatialities The New Cartography and Out of the Spirit of Music
- Untimely Meditations: Fractal Philosophy, Art, Noise and Electronic Arts Performance
- Research Practice Method
- Dissertation (15,000 words **OR** 7,500 plus artwork/research project)

Two options from:

- City Lab - City Studio
- Creative Writing: The Subject Of/In Writing
- Writing Screen Narratives
- Image Manipulation
- Postcolonialism and the Coming Community
- Independent Research Project
- Independent Research Study
- Digital Poetics
- Digital Culture and Industry
- Informations Method and Culture (CMS)
- Film Making (CMS)
- Cinematic Exploration (CMS)
- Media Work Placement
- Post Production (CMS)
- Intellectual Property in the Creative Industries

### Key facts

**School** Humanities & Social Sciences

**Location** Greenwich Campus

#### Attendance

- 1 year full-time
- 2 years part-time

#### Entry requirements

Applicants should have:

**EITHER** a BA Hons degree at 2.1

**OR** equivalent qualifications.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

#### Assessment

Students are assessed through coursework, seminar presentations and a dissertation (either traditional or arts-project based) including film/video/sonic arts works and journalistic exchange.

#### Specialist equipment/facilities

Students benefit from filmmaking, video production and post-production editing suites at professional level. They also have access to television and sound recording studios, the acclaimed Stephen Lawrence Gallery for all exhibition work, and Issues in Contemporary Culture and Aesthetics (an international journal for research dissemination and exchange).

#### Career options

This programme is suitable for theorists, artists, designers, researchers expecting to continue onto a PhD or post-academic work in the media-arts, communications at a professional level. This would include but not be limited to careers in lecturing at the university, or employment within the media-arts and creative industries.

# Nutritional Sciences

## PGDip/MSc

Nutritional science has become increasingly important in the formulation of clinical therapeutic strategies and preventative strategies against chronic non-communicable diseases (NCD) in populations. There is a growing trend linking obesity as part of a phenomenon often referred to as the epidemiological and nutritional transition. In low income countries facing a double burden of disease, in addition to tackling infectious diseases such HIV/AIDS and malnutrition, they also face a growing chronic disease burden. These global health challenges of the 21st Century call for the training of nutrition and health professionals to provide a new dimension to current models of health care delivery and primary prevention of disease.

This programme has been designed with a strong academic and research focus and provides an opportunity for continuing professional development in nutrition and human resource capacity building for health professionals and science graduates with an interest in subjects allied to medicine in the United Kingdom, Europe and more globally, especially in transition economies and developing countries.

The programme provides a basis for in-depth scientific study of nutrition and its relationship with physiological, biochemical, genetic and developmental factors in health and disease. It also enables students to explore interactions between biological, psychological, cultural and economic determinants of nutrition-related health within a social context. The specialist courses and practical programme will enable graduates to undertake effective screening to identify nutritional needs of individuals and population sub groups and to plan appropriate interventions to help address them.

## Content

- Physical Activity and Body Composition in Health and Disease (30 credits)
- Research Methods, Bio-statistics and Data Management (30 credits)
- Research project (60 credits)

One option (30 credits) chosen from:

- Public Health Nutrition
- Clinical and Applied Nutrition
- Sports and Exercise Nutrition

One option (30 credits) chosen from:

- Case Study in Nutritional Biochemistry
- Physiological and Biochemical Basis of Nutrition

Please note: It is not always possible to offer all options.

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

Applicants should have:

A 2.1 degree in nutrition or other related science degree or in a subject allied to medicine.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.
- Applicants from other backgrounds are considered but should contact the Programme Leader: science-queries@gre.ac.uk.

### Assessment

Students will be assessed through examinations, case study reports, presentations and a research project.

### Professional recognition

Graduates on this programme are trained to meet the benchmarking criteria for professional registration as associate nutritionists on the United Kingdom Register of Nutritionists.

### Career options

Graduates may work in the health sector, the food industry, the voluntary (NGO) sector e.g. on projects linked to international health and development or go onto doctoral studies and research. Other graduates may work in the sports, fitness and leisure industry or work freelance upon registration as associate nutritionalists.

# General Pharmacy Practice

## PGCert/PGDip

The overall aim of this programme is to provide general-level pharmacists, registered with the Royal Pharmaceutical Society of Great Britain and working within the NHS, with the core skills and competencies required to provide holistic pharmaceutical care in the practice setting. This programme is now available to both hospital and community pharmacists.

The programme aligns with a nationally agreed pharmacy practitioner development strategy and is the result of a unique collaboration of higher education institutions across London and the south and east of England.

The programme develops the practitioner student's underpinning knowledge and skills in clinical pharmacy practice and medicines management.

The programme works on a philosophy of student-centered workplace learning, supported by workbooks and learning sets facilitated by experienced pharmacy practitioners. The practitioner students are expected to take responsibility for managing their learning and achieving the course objectives in support of their Continuing Professional Development.

## Content

- Practitioner Development (30 credits)
- Establishing Your Professional and Clinical Practice (30 credits)
- Medicines Management in Practice (PGDip only) (60 credits)

## Key facts

**School** Pharmacy

**Location** Medway Campus

### Attendance

2-4 years' flexible learning  
Up to a maximum of 15 learning sets

### Entry requirements

Applicants should be:

Registered with the General Pharmaceutical Council

**AND** be working within an accredited training centre.

### Assessment

Students are assessed through objective structured clinical examination, multiple-choice questions, assignments, a literature review, an audit, a change management project and a competency-based portfolio review.

### Professional recognition

Completion of the practice elements of the course leads to the award of the Certificate of Completion of General Pharmacist Training from an accredited training centre.

### Career options

This programme provides progression for pharmacists towards advanced practitioner status.

# Independent/Supplementary Prescribing

## PGCert

District nurses and health visitors have been able to prescribe from a limited formulary since 1998. In 1999, an advisory group, chaired by Dr June Crown, reviewed the prescribing, supply and administration of medicines and recommended that prescribing responsibilities be extended to other health-care professionals.

The legal framework for this was included in the Health and Social Care Act 2001. In October 2003 secondary legislation was passed naming nurses and pharmacists as the first group. Legislative changes in 2005 have enabled supplementary prescribing by radiographers, physiotherapists, podiatrists and optometrists. From May 2006 amendments to regulations have enabled nurses and pharmacists to qualify as independent prescribers.

The aim of this programme is to prepare health-care professionals to practice as independent/supplementary prescribers, while meeting the standards set by the professional/regulatory bodies as required by the legislative framework.

The prescribing programme is offered at level 3 for nurses only in addition to the Master's level programme.

Nurses wishing to study at level 3 will need to demonstrate evidence they have successfully worked at level 2 previously, all other entry requirements of the programme remain the same.

## Content

- Non-Medical Prescribing in Context (15 credits)
- Safe and Effective Prescribing (15 credits)
- Consultation and Decision Making (15 credits)
- Putting Prescribing into Practice (15 credits)

## Key facts

**School** Pharmacy

**Location** Medway Campus

### Attendance

Flexible learning

### Entry requirements

A first degree or an equivalent qualification.

**PLUS** post-registration clinical experience (two years for pharmacists, three years for nurses and allied health professionals)

**PLUS** registration with the appropriate professional body (General Pharmaceutical Council or Pharmaceutical Society of Northern Ireland for pharmacists; Nursing and Midwifery Council for nurses; or Health Professions Council for allied health professionals).

**PLUS** support from a sponsoring organisation confirming service need, access to supervised practice and a prescribing budget to meet the costs of prescriptions on completion of training.

**PLUS** a designated medical practitioner to facilitate, supervise and support the student during the placement.

### Assessment

Students are assessed through objective structured clinical examination, assignments, case study analysis, multiple-choice questions, short answer papers, narrative based on portfolio entries and attendance at a period of learning in practice.

### Professional recognition

On successful completion, the School notifies the appropriate professional/regulatory body that the student is qualified as an independent/supplementary prescriber.

### Career options

Graduates from this programme can pursue many opportunities within the field of prescribing.

# Medicines Management

## PGCert/PGDip/MSc

Medicines management describes a system of processes and behaviours that determines how medicines are used by patients and the NHS. Effective medicines management places the patient as the primary focus of interventions by health-care professionals and is a key driver for NHS modernisation in the UK. The aim of the programme is to equip health-care professionals with the skills and knowledge to contribute to medicines management services and to individual drug therapy decisions in primary and secondary care. The programme is delivered by flexible learning, supported by up to a twelve (depending upon the pathway chosen) compulsory contact days, and is structured to enable the student to incorporate learning directly into the workplace.

The material provided for self-study is designed for use by all health professionals involved in medicines management and reflects the most recent evidence and practice.

There are two main pathways to the qualification of MSc Medicines Management. One involves PGCert Independent/Supplementary Prescribing. Students successfully completing 60 credits from the courses are eligible for PGCert Medicines Management. Alternatively, students may elect to continue with an additional 60 credits to achieve the diploma. A research project and dissertation is required to complete the MSc.

Regardless of the pathway chosen, course options allow students to achieve personal goals within the credit totals for each stage of the degree. They can thus provide a valuable means of supporting Continuing Professional Development or can be used as a training package to support service developments in primary or secondary care.

## Content

- Patients as Partners (15 credits)
- Advanced Medication Review (10 credits)
- Research Project (Medicines Management) (60 credits)

Options chosen from a range that currently includes:

- Cardiovascular Disease (15 credits)
- Diabetes/Impaired Glucose Tolerance (15 credits)
- Minor Ailments (15 credits)
- Respiratory Disease (10 credits)
- Gastrointestinal Drug Therapy (5 credits)
- Minor Ailments Service Developments (for pharmacists) (10 credits)
- Using Evidence Effectively (10 credits)
- Principles of Medicines Management (15 credits)
- Patient Monitoring in Practice (10 credits)
- Mental Health (15 credits)
- Public Health (for Pharmacists) (5 credits)
- Substance and Alcohol Misuse (10 credits)

## Key facts

**School** Pharmacy

**Location** Medway Campus

### Attendance

1-6 years flexible learning  
Up to 3 days contact  
(12 days if Independent/  
Supplementary Prescribing pathway  
chosen)

### Entry requirements

Applicants should have:

**EITHER** a first degree in a relevant subject from an EU university

**OR** at least five years of work experience in health care after obtaining a relevant professional qualification.

**PLUS** students must be pharmacists, nurses or allied health professionals registered with the relevant UK professional body and practising in the UK, preferably within the NHS.

- Equivalent qualifications from a non-EU university may be accepted, but their comparability is assessed on an individual basis.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through case study analysis, critical appraisal of literature, assignments, including short essays, and a research project.

### Career options

Graduates from this programme can pursue opportunities for practitioners skilled in medicines management.

# Pharmacotherapy and Service Development

## PGCert

This programme aims to equip pharmacists and other health-care professionals with the skills and knowledge to contribute effectively to medicines management services and to individual drug therapy decisions in primary and secondary care.

The curriculum relates to practice throughout, with emphasis on the contribution of medicines management techniques to acute and chronic disease management. Its structure and content enable students to incorporate their learning directly into their workplace and to rise to the challenges presented by the new patient-centred NHS, including skills related to services.

This programme offers the student a flexible approach to the accumulation of credits through a short course pathway.

## Content

- Patients as Partners **AND/OR** Advanced Medication Review (15/25 credits)

Options from a range that currently includes:

- Skills for MURs - Practice Certificate in Medicines Use Review (5 credits)
- Skills for the Future - Practice Certificate in Medicines Use Review in Practice (5 credits)
- Patient Monitoring in Practice - Practice Certificate (10 credits)
- Minor Ailments - Service Development (10 credits)
- Minor Ailments - Infections and Infestations (10 credits)
- Minor Ailments - Pain (5 credits)
- Practice Certificate in Hypertension (5 credits)
- Practice Certificate in Type 2 Diabetes (5 credits)
- Practice Certificate in Obesity and Impaired Glucose Tolerance (5 credits)
- Practice Certificate in Asthma (5 credits)
- Practice Certificate in Pharmacy Management (10 credits)
- Practice Certificate in Public Health (5 credits)

## Key facts

**School** Pharmacy

**Location** Medway Campus

### Attendance

Flexible learning

No attendance required

### Entry requirements

Applicants should have:

**EITHER** A first degree in a relevant subject from an EU university

**OR** evidence of having worked at level 3.

- Equivalent qualifications from a non-EU university may be accepted but are assessed on an individual basis.

### Assessment

Students are assessed through case studies and assignments that are principally work-based.

### Professional recognition

Successful completion of the Skills for MURs course is linked to accreditation to provide a medicines use review service under the Pharmacy Contract.

### Career options

Developments in health care mean that there are many career opportunities for practitioners skilled in medicines management.

# International Politics

## MA

In an increasingly inter-connected global system, societies and their governments struggle with new and traditional challenges - terrorism, regional ethnic conflicts, financial crises, environmental degradation and bio-security concerns, as well as continued poverty and deprivation. Globalisation has created new forces that impact on developed and developing countries in complex and contradictory ways, unleashing technological developments and structural changes that can pose dilemmas for national governments as much as for regional and global governance. In this context, the changing dynamics of international power relations call into question the authority and the capacity of the international system (including international law) to address these enormous societal and political challenges, and the appropriate responses by the international political community.

This programme takes account of the perspectives and concerns of non-core states - developing countries and countries in transition or conflict, and those states marginalised in the global system. How do these states manage political relations in the international system? What impact do international regimes and international law have upon international politics? To what extent can the non-core states influence the global order? Can we identify changes to the global order from new emerging powers in the 21st century.

The MA International Politics develops critical perspectives on theory and practice in international relations, and enables students to understand and evaluate issues in the contemporary global arena. It also develops key analytical skills associated with thinking, speaking and writing clearly and critically about contemporary international issues, and provides a firm foundation for students who wish to pursue further research leading to a PhD degree.

The programme is likely to appeal to those who have a broad interest in international relations, including those whose future employment is likely to involve the public, private and/or non-governmental sphere in an international context.

## Content

- Theory and Issues in International Politics
- Research Issues and Methods
- States, Nations and Conflict in the International System
- Foundations for Postgraduate Study
- Dissertation

One or two options from:

- Post Colonialism and the Coming Community
- Public International Law
- International Human Rights Law
- Regulatory Institutions of the World Economy
- Globalisation and Development
- Britain in the International System
- Crime, Terrorism and the State

## Key facts

**School** Humanities & Social Sciences

**Location** Greenwich Campus

### Attendance

- 1 year full-time
- 2 years part-time

### Entry requirements

Applicants should have:

An undergraduate degree (2.2 or above)

**OR** a postgraduate diploma

**OR** a professional qualification recognised as being equivalent to a good honours degree in a related area

**OR** professional experience, research in a professional capacity or publication in journals or presentation at conferences/seminars

**OR** other qualifications and/or experience that demonstrate that a candidate possesses knowledge and skills commensurate with the standard of a good honours degree.

- Applicants who do not possess the normal entry requirements may be considered for the postgraduate diploma or postgraduate certificate and may then be considered for transfer to the MA.

### Assessment

Examinations, assignments, project work, presentations and a dissertation.

### Career options

Possibilities of a wide range of career opportunities where an international outlook is required, for example international diplomacy, journalism and the mass media, think tanks and research institutes, multi-national business and general management, campaign and lobbying organisations, the public sector and the Civil Service. It can also offer sound preparation for a research degree in international politics, possibly leading to an academic career.



# Psychology

## Graduate Diploma

This diploma, accredited by the British Psychological Society (BPS), offers students with a good first degree in a non-psychology specialisation and at least 60 credits (or equivalent) in psychology at honours level. This gives students the opportunity to develop knowledge of the core areas of psychology.

Students also receive a strong grounding in psychological research methods. This component focuses on learning how psychological research is conducted, analysed and reported through a series of guided learning exercises, culminating in an independent research project. Students receive carefully designed tutorial support for the duration of the programme.

Students develop a strong understanding of psychology as a discipline and acquire a range of skills, including critical thinking and analytical and research skills. They complete the programme able to evaluate, interpret and integrate arguments, evidence and empirical findings. They also have skills that are appropriate to psychology as a discipline and suitable for a diverse range of employment opportunities.

Whilst this programme is graduate level entry it is not a postgraduate programme as it is a level 6 qualification. For information on the ELQ status of this programme please log on to [www.gre.ac.uk/finance/elq](http://www.gre.ac.uk/finance/elq).

Aims of the programme:

- To teach students a scientific understanding of mind, brain, behaviour and experience, and the complex interactions between these.
- To foster students' understanding of real-life applications of theory to the full range of experience and behaviour.
- To help them to develop a range of research skills and methods for investigating experience and behaviour, culminating in an ability to conduct research independently.
- To develop their knowledge, leading to an ability to appreciate and critically evaluate theory, research findings and applications.

### Content

- Research Methods in Psychology (30 credits)
- Behavioural and Cognitive Neuroscience (30 credits)
- Individual Differences and Abnormal Psychology (30 credits)
- Social Psychology: Current Social Issues (15 credits)
- Developmental Psychology (15 credits)
- Psychology Project (30 credits)

### Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

#### Attendance

1 year full-time

2 years part-time

#### Entry requirements

Applicants should have:

A degree (grade 2.1 or above) in a non-psychology specialism with at least 60 credits (or equivalent) in psychology at honours level

#### OR

A degree (grade 2.1 or above) from a psychology programme not accredited by the British Psychological Society.

- Applicants with a previous degree but lacking 60 credits in psychology at honours level are encouraged to contact the School to discuss the possibility of acquiring sufficient credit prior to applying for the programme.

#### Assessment

Students are assessed through exams, essays, quizzes and practical reports.

#### Professional recognition

Completion confers graduate-basis registration with the BPS, provided the student achieves at least a 2.2. This is the first step towards becoming a chartered psychologist.

#### Career options

Graduates are attractive to prospective employers owing to the high level of numeracy and literacy attained during the diploma. Opportunities are available in business, commerce, counselling and education (with additional training), research, human resource management and the social sciences.

# Research Methods in Psychology

## MSc

This Master's programme gives students a uniquely broad training in advanced research design, methods and statistics, in preparation for further postgraduate education or for a research career. The programme has a strong practical and applied element - students learn about applied interventions (including clinical, forensic, health, organisational and sport psychology interventions) and applications of research methods in applied contexts.

The overall aim is to combine advanced research methods training with a professional focus. Students are provided with a) an understanding of how research can be applied and b) teaching and training from applied psychology professionals and clinicians.

Aims of the programme:

- To enable students to apply their graduate skills to the study of psychology.
- To develop students' advanced awareness and critical understanding of psychological research.
- To develop students' advanced knowledge and expertise of different research methods.
- To make students fully aware of ethical issues and how to apply these to research across the domains of psychology.
- To enable students to be able to plan, carry out and analyse research, and to develop the understanding of how to apply research findings in this field to real-life settings.
- To enable students to use the laboratories and technical equipment appropriately to an advanced level.
- To increase students' ability to use a variety of specialist software packages.
- To enhance to a high level, students ability to work independently and extend students' ability to carry out a piece of independent research to a high standard.

## Content

### Full-time mode

#### Year 1:

- Critical Analysis and Theoretical Issues in Psychology (30 credits)
- Applied Psychology in Practice (30 credits)
- Advanced Research Methods in Psychology (30 credits)
- Advanced Statistical Methods (30 credits)
- Applied Psychology Project (60 credits)

### Part-time mode

#### Year 1:

- Critical Analysis and Theoretical Issues in Psychology (30 credits)
- Advanced Research Methods in Psychology (30 credits)
- Advanced Statistical Methods (30 credits)

#### Year 2:

- Applied Psychology in Practice (30 credits)
- Applied Psychology Project (60 credits)

## Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

### Attendance

1 year full-time  
2 years part-time

### Entry requirements

Applicants should have:

An honours degree in psychology (normally 2.1 or above).

- Where English is not the first language of the applicant, advanced English language competence (i.e. IELTS 6.5) must be demonstrated.

### Assessment

Students are assessed via essays, examinations, presentations, laboratory reports, research posters and a final project.

### Career options

This programme provides you with a strong background in research skills in applied psychology as well as a more in-depth understanding of a broad range of applications of psychology. It is beneficial for further professional training and study in psychology and provides an excellent springboard for doctoral training.

# Therapeutic Counselling

## MSc

The programme provides a sound training in professional counselling, with a well-integrated research element - report on course accreditation by assessors from the British Association for Counselling and Psychotherapy (BACP).

In addition to offering clinical training in integrative counselling, the programme provides an innovative experiential approach to practitioner research, strong links with clinical placements, direct entry for suitably qualified applicants and a non-discriminatory recruitment policy which encourages applications from minority groups.

The programme is suitable for health professionals and anyone who works, or intends to work, with people in a helping capacity seeking a counselling qualification.

Furthermore the programme's flexible entry system will additionally appeal to students with previous counselling training seeking a Master's level qualification, accredited by the BACP.

The programme is accredited by the British Association for Counselling and Psychotherapy and offers students the required training component for individual counsellor accreditation, with the BACP.

## Content

- The Integrative Relationship in Context (20 credits)
- Professional Aspects of the Integrative Relationship in Context (20 credits)
- The Integrative Relationship and Practice 1 (20 credits)
- The Integrative Relationship and Therapeutic Counselling (20 credits)
- Professional Aspects of the Integrative Relationship (20 credits)
- The Integrative Relationship and Practice 2 (20 credits)
- Counselling Research Methodology and Project (40 credits)
- Advanced Clinical Theory and Practice (20 credits)

## Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

### Attendance

3 years part-time

An afternoon and evening per week, for three 10-week terms per year

### Entry requirements

Applicants should have:

A first degree or equivalent.

**PLUS** some knowledge of counselling skills

**PLUS** experience of working with people in a helping capacity.

- Applications are welcomed throughout the year.
- Students are expected to attend an interview and submit a separate personal statement of at least 500 words in support of their interest in pursuing counselling training.
- Applicants with suitable prior learning may seek direct entry. These applicants can gain exemption from three of the courses (Year 1) thereby completing the programme in two years, or six of the courses (Years 1 and 2) thereby completing the programme in one year.
- Students seeking direct entry will be required to present a portfolio demonstrating successful completion of counselling training at equivalent postgraduate certificate and/or diploma level.

### Assessment

Students are assessed through coursework and continuous assessment.

### Career options

Graduates from this programme can pursue careers as professional counsellors or supplement current career practice with counselling skills.

# Public Relations

## MA

This new programme has been developed in response to the increasing skills required by those entering after a first degree or those developing their career in the PR industry after several year's practice.

The programme provides students with a grounding in traditional PR theory and practice alongside an understanding of recent developments and challenges for the profession. These include the impact of the internet and the growth of social media; the decline of traditional media; growing issues of ethical and corporate social responsibility influencing organisational reputation; and the increasing influence of other social science disciplines on PR theory and practice.

A particular feature of the programme, to enhance employability, is that the students have the opportunity to study two sector-based options. These provide a platform for the student's own research through a dissertation, which in turn can lead to the award of a sector-based Master's degree in Travel PR, Health PR or Financial PR. More academic research-based pathways are equally encouraged and catered for.

## Content

- PR - The Developing Discipline (15 credits)
- Planning and Writing for a PR Campaign (15 credits)
- Developing Creative, Collaborative and Reflective Skills (15 credits)
- Strategic Public Relations (15 credits)
- Contemporary Issues in PR (15 credits)
- Online PR (15 credits)
- Foundations of Scholarship and Research Methods (15 credits)
- Dissertation (45 credits)

Two 15-credit options (30 credits) from a list that currently includes:

- Tourism PR
- Health PR
- Financial PR
- Political PR
- Travel PR

## Key facts

**School** Business

**Location** Greenwich Campus

**Attendance**

1 year full-time

### Entry requirements

Applicants should have:

A good first degree in a relevant subject.

- Good written and spoken English is required.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system.

Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through written assignments, exams, blogs, presentations and a dissertation.

### Professional recognition

This programme is approved by the Chartered Institute of Public Relations, the professional UK association for public relations in the UK.

### Career options

Graduates from this programme have opportunities in public relations and corporate communications within PR consultancies serving a range of sectors including the consumer sector, and financial, political PR and corporate sectors.

The programme is relevant for a range of communication roles inside both private and public sector organisations as well as the third sector such as charities and non-governmental organisations. The programme develops the knowledge, analytical skills and intellectual capabilities required for related job opportunities within sectors such as marketing, advertising and digital media.

# Applied Biomedical Science

## MSc

The MSc Applied Biomedical Science is designed to provide a knowledge base in selected aspects of Biomedical Science, building on individuals skills and knowledge in allied areas that have been obtained at undergraduate level or equivalent. It seeks to equip students with critical and evaluative abilities and provide relevant knowledge and skills, combined with an ability to work independently, so as to enhance employment and career opportunities within biomedically-related areas.

Aims of the programme:

- To acquire a sound core knowledge base together with that of a selected, specialist area of biomedical science, so as to support understanding of current/future aspects of biomedical and related sciences.
- To develop relevant knowledge/skills in appropriate areas for identification and solution of problems.
- To enhance skills in the communication of information and research results;
- To experience completion of a research project that incorporates critical analysis.

## Content

- Project (60 credits)
- Immunology (15 credits)
- Pathophysiology (15 credits)
- Case Study in Biomedical Science (30 credits)
- Applied Molecular Biology (30 credits)

Option courses (one to be selected)

- Medical Biochemistry and Haematology (30 credits)
- Medical Microbiology and Clinical Immunology (30 credits)
- Cancer Biology and Cell Pathology (30 credits)

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

### Entry requirements

At least an upper second class honours degree or equivalent from an EU or overseas country. The qualification must be relevant to the subject matter of the MSc Applied Biomedical Science. All applications will be reviewed by the School of Science so as to ensure that applicants' prior knowledge, experience and academic background is at a suitable level, and is appropriate in content to prepare them for studying the Master's programme.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

A variety of assessment methodologies is employed, including formal examinations, presentations and case study-based reports. Critical evaluation of data and problem-solving exercises are also used. The project is assessed by a thesis.

### Career options

The programme is designed for career and professional development within the field of biomedical science. It is also appropriate as a preparation for further study, for example at doctoral level. This programme is not designed for registration as a biomedical scientist within the UK. The School has other programmes specifically designed for this purpose. Contact the programme leader for further information.

# Biomedical Sciences (Online)

## MSc

This programme, delivered online via the university's WebCT system, is intended primarily as a mechanism for achieving Continuing Professional Development within biomedical science and those working in related professions.

It consists of a number of specific courses proposed by professional practitioners, and is focused towards the specific needs of the workplace.

The project is normally carried out where the student works, so benefits the workplace as well as contributing towards the overall award of the Master's degree. The programme can only be taken part-time. MSc Biomedical Sciences (Online) is intended to address a rising staff development demand from workplaces, in line with various policy decisions at a number of levels, in particular that of the Lifelong Learning Framework for the NHS.

The design of the programme has been informed directly from senior members of the profession, from conferences and from students. The programme facilitates engagement of employees in appropriate Continuing Professional Development, the eventual award of credit being an indicator of individual achievement and learning, as well as personal motivation and commitment to their profession.

## Content

- Project

Four options chosen from:

- Advanced Human Genetics
- Analysis of Nucleic Acids
- Blood Transfusion
- Diagnosis of Breast Cancer
- Governance and Risk Management
- Implementing Advanced Quality Management
- Lung Disease
- Management of Healthcare Associated Infection
- Point of Care Testing
- Quality Systems Management
- Renal Disease
- Robotics and Automation

Please note: Other courses may be added if there is sufficient demand from workplaces. Students may take individual option courses as continuing professional development, subject to payment of a fee.

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

Distance learning

### Entry requirements

Applicants should have:

**EITHER** a 2.2 honours degree in biomedical science or equivalent, together with relevant working experience.

**OR** appropriate qualifications in and experience of biomedical science (this would normally be within the NHS).

- Applicants are normally expected to be registered practitioners.

### Assessment

Students are assessed through presentations, tests, online assessments and a research project.

### Career options

The programme is directed mainly towards those working in NHS laboratories, with the intention of providing opportunities for professional advancement following registration and for continuing professional development.

# Biotechnology

## MSc

This is a multidisciplinary degree that brings together aspects of chemistry, biology and cell biology. The courses are carefully tailored to cover the knowledge gaps in fields such as gene therapy, drug design, genomics, proteomics, genetic engineering for plants, animals, micro-organisms, and bio-informatics. The purpose of this programme is to serve the needs of international and local students who require additional training relevant to their professional development.

This degree provides a programme of study for appropriately qualified and experienced graduates. It produces graduates with a critical, analytical and flexible approach to problem solving. These enhance laboratory and professional competence at a supervisory level and enables students to work independently and use their initiative in solving the diverse problems they encounter.

This programme helps you to obtain a creative attitude to the development and promotion of biotechnology products. The intention is that skills and knowledge can be more readily transferred to professional activities.

Aims of the programme:

- To provide students with subject-specific knowledge, as well as a critical, analytical and flexible approach to problem solving in the field of biotechnology.
- To provide students with enhanced practical and professional skills and thus prepare them effectively for professional employment or doctoral studies in the field of biotechnology.
- To enable students to work independently and use initiative to solve the diverse problems they may encounter.
- To instill a critical awareness of advances at the forefront of biotechnology.

## Content

- Research Methods, Biostatistics and Data Management (30 credits)
- Applied Molecular Biology (30 credits)
- Bioinformatics (30 credits)
- Research Project (60 credits)

One option (30 credits) chosen from:

- An Introduction to Transgenic Crops
- Pharmaceutical Biotechnology

## Key facts

**School** Science

**Location** Medway Campus

**Attendance**

1 year full-time

**Entry requirements**

Applicants should have:

A BSc Honours degree at 2.1 or above in biotechnology, molecular biology or related subjects.

**OR** equivalent qualifications

**OR** substantial experience.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applicants from other backgrounds are considered but should contact the Programme Leader via [science-queries@gre.ac.uk](mailto:science-queries@gre.ac.uk).

**Assessment**

Students are assessed through a mixture of reports, essays and examinations.

**Career options**

Graduates can pursue opportunities within the biotechnology industry, the pharmaceutical industry or related areas.

# Formulation Science

## MSc

The MSc Formulation Science programme is an innovative, multidisciplinary, distinctive programme and is unique in the UK in offering a depth of knowledge in the science of formulating new products, whether these are new pharmaceuticals or consumer care products, paints, foods or fuels.

The programme will allow you to understand the principles of making finished products from a blend of different individual ingredients. Drawing on current examples from the pharmaceutical industry, and using the industrial experience of academic staff, you will also apply these principles to industrially relevant problems in other areas of formulation science, such as consumer products, foods and cosmetics.

This programme involves a series of lectures, seminars and workshops. Case studies will provide you with exposure to up-to-date problems and enhance your problem solving and team-work in a way that simulates an industrial setting. A research project in a well equipped school led by staff with a diversity of research experience will give you the opportunity to carry out novel research and enhance your practical skills, analytical thinking and independence. Across the degree, you will have the opportunity to develop further the art of communication of science through a range of formats. This will provide you with a solid grounding for lifelong learning and continuing professional development in formulation sciences.

Successful students are sought after in one of the largest industrial sectors and can fulfil specialist roles in the pharmaceutical and consumer goods industries. They will also be able to progress to further higher education studies if they wish.

Aims of the programme:

- To enhance the critical, analytical and practical skills relevant to a modern, multidisciplinary formulation industry.
- To provide an understanding of how the interaction between different components in a formulation affect the quality of a finished product.
- To develop critical thinking and problem solving with an emphasis on an industrial context.
- To provide direct, hands-on research experience on currently relevant problems.

## Content

- Case Study in Non-Pharmaceutical Formulations (30 credits)
- Pharmaceuticals and Formulation (30 credits)
- Product Development, Manufacture and Control (30 credits)
- Pharmaceutical Analysis and Testing: Mathematics and Statistics (30 credits)
- Formulation Research Project (60 credits)

## Key facts

**School** Science

**Location** Medway Campus

**Attendance**

1 year full-time

### Entry requirements

Applicants should have:

**EITHER** a BSc honours degree or equivalent in chemistry, biology, biochemistry, pharmacy or pharmaceutical science

**OR** substantial experience.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applicants from other backgrounds are considered but should contact the Programme Leader via [science-queries@gre.ac.uk](mailto:science-queries@gre.ac.uk).

### Assessment

Taught courses are assessed by a combination of examinations, coursework assessments and laboratory work. The project is laboratory based and assessed by presentations and production of one of the following: a thesis, technical report or research paper.

### Career options

On successful completion of this programme students will be able to work in formulation industries such as pharmaceuticals, consumer healthcare, cosmetics, paints and fine chemicals.



# Pharmaceutical Biotechnology

## MSc

Pharmaceutical Biotechnology is the science that covers all technologies required for the production, manufacturing and registration of biotechnological drugs. Advances in recombinant genetics facilitate the routine cloning of genes and create genetically modified organisms that can be used in industrial production. Pharmaceutical Biotechnology is a rapidly evolving and multidisciplinary field and our MSc Pharmaceutical Biotechnology programme will focus on the new developments in the production of proteins, organisms, DNA-based vaccines, therapeutic proteins, downstream processing and characterisation, bioinformatics, advanced molecular principles, and research methods.

Our MSc Pharmaceutical Biotechnology programme will produce graduates with a critical and analytical capability and a flexible approach to problem solving. These skills will enhance your laboratory and professional competence at a supervisory level and you will be able to work independently and use your initiative to solve the diverse problems you may encounter. You will also be able to bring a creative approach to the development and promotion of new biotechnology products. Biotechnology is developing rapidly; there is a major emphasis on product- and process-oriented biotechnological research and development for applications in agriculture, industry and the health sector. These applications will bring benefits for society and are increasingly recognised by governments, industry and financial institutions. Our programme will help to address the expanding demand from international markets for graduates with an excellent knowledge of biotechnology.

Aims of the programme:

- To provide students with an understanding of the subject specific knowledge, as well as the critical, analytical and flexible approach to problem-solving in the field of pharmaceutical biotechnology.
- To provide students with enhanced practical and professional skills and thus prepare students effectively for professional employment or doctoral studies in the field of biotechnology.
- To enable students to work independently and use initiative in solving the diverse problems that may be encountered.
- To instil a critical awareness of advances at forefront of biotechnology.

## Content

- Biotechnology Research Project (60 credits)
- Research Methods, Biostatistics and Data Management (30 credits)
- Applied Molecular Biology (30 credits)
- Bioinformatics (30 credits)
- Pharmaceutical Biotechnology (30 credits)

## Key facts

**School** Science

**Location** Medway

### Attendance

1 year full-time

### Entry requirements

Applicants should possess the equivalent of a UK second class honours degree in biotechnology, molecular biology, biochemistry or other relevant field.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.
- Applicants from other backgrounds are considered but should contact the Programme Leader via [science-queries@gre.ac.uk](mailto:science-queries@gre.ac.uk).

### Assessment

Coursework, exams, presentations, thesis, on-line MCQ.

### Specialist equipment/facilities

This programme involves a series of lectures, seminars and workshops. Case studies will provide you with exposure to up-to-date problems and enhance your problem solving and team-work in a way that simulates an industrial setting. A research project in a well equipped school led by staff with a diversity of research experience will give you the opportunity to carry out novel research and enhance your practical skills, analytical thinking and independence.

### Career options

Biotechnological and pharmaceutical sector, Research and higher degrees (as PhD).

# Instrumental Analysis

## MSc

This programme is aimed at pharmaceutical, chemical and pharmacy graduates who are keen to develop their knowledge, competence and skills in instrumental analysis with the aim of preparing them to take leading roles, as analysts, in the pharmaceutical and chemical industries.

In these industries a range of sophisticated and sensitive instrumental techniques are now available to support quality control of the manufacturing process. These provide quality assurance data for the final processed products and assist analytical problem solving of manufacturing and research processes. Scientists and technologists employed in these industries need a range of critical skills so as to be capable of:

- Obtaining representative samples and subsequent sample preparation
- Using analytical instruments selectively, appropriately and safely
- Data analysis and interpretation, data mining and statistical analysis
- Establishing and validating analytical protocols and standard operating procedures
- Instrumental troubleshooting
- Maintaining laboratory information management systems.

The programme stresses both the underpinning advanced theory and practical use of analytical instrumentation. Much of the students' time will be devoted to practical classes and workshops dealing with data analysis and interpretation. Opportunities will be given to undertake open-ended investigations of a series of analytical problems - typical of the type encountered in the pharmaceutical and chemical industries.

Throughout the programme the student will undertake an independent laboratory based project which will focus upon the development and validation of an analytical procedure under the guidance of a tutor.

Students on this programme will learn, from a group of leading experts with substantial experience of work and leadership in the pharmaceutical industry, the fundamentals and analytical applications of instrumental methods such as chromatographic techniques; spectroscopic techniques; thermal methods and analytical problem solving.

The overall emphasis of the programme is thus firmly focused on extending the practical skills of the student and developing their skills in data analysis and interpretation.

## Content

- The Design and Implementation of Instrumental Analyses (15 credits)
- Spectroscopic and Structural Techniques (30 credits)
- Chromatographic Techniques (15 credits)
- Thermal Methods of Analysis (15 credits)
- Physical and Biological Techniques (15 credits)
- Chemometrics (15 credits)
- Analytical Problem Solving (15 credits)
- Project (60 credits)

All these courses are taught via lectures that deal with theory and practical classes that provide a hands-on opportunity to use the instruments, coupled with workshops to develop students' skill in data analysis and interpretation.

## Key facts

**School** Science

**Location** Medway Campus

**Attendance**

1 year full-time

### Entry requirements

Applicants should have:

At least a second class honours degree in pharmaceutical science, pharmacy or chemistry or equivalent. Other qualifications maybe acceptable.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applicants from other backgrounds are considered but should contact the Programme Leader via [science-queries@gr.ac.uk](mailto:science-queries@gr.ac.uk).

### Assessment

Coursework, online tests, practical reports, exams, theses and presentations.

### Career options

A variety of career opportunities are available to graduates in Instrumental Analysis. These include employment in the pharmaceutical and chemical industries as analysts and researchers and further graduate study at doctoral level.

# Pharmaceutical Sciences

## PGDip/MSc

The MSc Pharmaceutical Sciences programme was developed in response to the need for enhanced skills by employees within pharmaceutical research, development or manufacturing.

The programme will generate graduates with in-depth theoretical knowledge and extensive laboratory skills, allowing students to be involved in many disciplines of pharmaceutical sciences from drug discovery and medicinal chemistry through to product development and manufacture and including pharmaceutical analysis, quality control and quality assurance.

Delivery on this programme involves a series of lectures, seminars, workshops and lab-based exercises. Many of the lectures on this programme are delivered by leading industrial experts. Problem-based learning and case studies will provide students with experience of team-working that simulates an industrial setting. Students will develop team-working, critical thinking and analytical problem solving abilities which are important in the modern pharmaceutical industry.

The main part of the MSc Pharmaceutical Sciences programme is a research project that runs over the whole academic year and gives students the opportunity to work with modern research equipment to carry out novel research. Project work will help students enhance practical skills, analytical thinking, time management, communication skills and independence.

Aims of the programme:

- To acquire a sound core knowledge base together with knowledge of a specialist area of pharmaceutical sciences to support current and future developments of pharmaceutical and related sciences.
- To enhance students' critical, analytical, practical and communication skills relevant to the modern, multidisciplinary pharmaceutical industry.
- To develop research skills in terms of: planning, conducting, evaluating and reporting the results of investigations.
- To gain the knowledge and skills necessary to solve a range of pharmaceutical drug development and processing problems.
- To enable students to use and develop advanced theories and develop novel concepts to explain pharmaceutical development and processing data.

## Content

- Pharmaceutical Analysis and Testing: Mathematics and Statistics (30 credits)
- Medicinal Chemistry and Therapeutics (30 credits)
- Product Development, Manufacture and Control (30 credits)
- Microbiology and an Introduction to Biotechnology (30 credits)
- Project with Professional Skills (60 credits)

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

1 year full-time

2-3 years part-time

### Entry requirements

Applicants should have:

**EITHER** a BSc honours degree at 2.1 or above (or equivalent level qualification in chemistry, biology, biochemistry, pharmacy or pharmaceutical science

**OR** substantial workplace experience.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applicants from other backgrounds are considered but should contact the Programme Leader via [science-queries@gre.ac.uk](mailto:science-queries@gre.ac.uk).

### Assessment

Students are assessed through examinations, coursework and a dissertation.

### Career options

Graduates from this programme can pursue careers in the NHS, the pharmaceutical industry or industries manufacturing other health care products.

# Strength and Conditioning

## MSc

This innovative Master's degree is focused on the application of strength and conditioning as one of the most effective tools to improve both health and performance.

The evidence-based content, supported by an extensive practical programme, will provide students with the opportunity to obtain professional accreditations from the most respected organisations in the field (Certified Strength & Conditioning Specialist, from the National Strength and Conditioning Association and Accredited Strength & Conditioning Coach, from United Kingdom Strength and Conditioning Association).

The programme is supported by internationally recognised visiting tutors, together with specialist staff in the Centre for Sports Science and Human Performance within the School of Science. This, together with the well equipped facilities, gives a focus on the students needs and requirements, helping them achieve their potential.

Aims of the programme:

- To provide students with an understanding of the subject specific knowledge, as well as the critical, analytical and flexible approach to problem-solving in the field of strength and conditioning.
- To provide students with enhanced practical and professional skills and thus prepare students effectively for professional employment or doctoral studies in the field of strength and conditioning.
- To enable students to work independently and use initiative in solving the diverse problems that may be encountered.
- To instil a critical awareness of advances at the forefront of strength and conditioning.

## Content

- Physiology and Biomechanics of Strength and Conditioning (15 credits)
- Applied Strength and Conditioning (30 credits)
- Research Methods and Professional Practice in Strength and Conditioning (15 credits)
- Sports Specific Strength and Conditioning (15 credits)
- Sports Nutrition and Supplements in Strength and Conditioning (15 credits)
- Applied Functional Training and Rehabilitation (15 credits)
- Resistance Training for Health and Disease (15 credits)
- Strength and Conditioning Research Project (60 credits)

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

- 1 year full-time
- 2 years part-time

### Entry requirements

Applicants should have:

A UK second class honours degree in sports sciences or equivalent.

- Other qualifications may be accepted, contact the programme leader for further information if required.

### Assessment

Essays, case study and problem solving exercises, time-constrained tests, formal reports, presentations, portfolio development, written examinations, practical assessments and independent research project.

### Professional recognition

Upon completing the programme and passing the external examinations, the students will achieve professional accreditations from the most respected organisations in the field (Certified Strength & Conditioning Specialist, CSCS, from the NSCA, and Accredited Strength & Conditioning Coach, ASCC, from UKSCA).

### Career options

Sports Performance and Coaching field (at any level): Head Strength Coach, Assistant Strength Coach, Strength Coach, etc; health and fitness industry (advanced programmes and services); performance diagnostics-oriented companies, institutions and laboratories; manufacturers of devices and equipment for training and testing; oriented research institutions; public authorities; consulting and self-employed businesses; health-care companies and institutions.

# International Tourism Management

## PGDip/MA

Tourism is currently the number one industry in the global economy. This MA, located in the stunning Greenwich World Heritage Site, has been developed to meet the growing demand for skilled and resourceful managers in the rapidly expanding tourism industry.

Organisations that develop and manage tourism facilities as well as those that provide essential services such as transport facilities and tourist advice are set to expand in the future. While individuals entering this area require a sound grounding in general business principles, there are also specific areas that require a more dedicated set of skills and knowledge.

This programme provides a sound foundation in business and management principles (set within a Business School), and at the same time provides for the development of specific specialist tourism knowledge and skills that are essential for a successful career in tourism management today.

Aims of the programme:

- To understand the broad political, economic and social frameworks within which international tourism management takes place.
- To appreciate the complex relationships between visitors and destinations management.
- To evaluate the tools and techniques that are used for developing and managing tourism in a range of environments.
- To understand the need for different management approaches for different types of tourism.
- To discuss the role of tourism as an agent for cultural change and understanding.
- To assess the specific characteristics and trends in emerging specialist areas of the tourism industry (e.g. festivals, events, heritage, wellness tourism and other new markets).

## Content

- International Tourism Policy and Practice (15 credits)
- Visitor and Destination Management (15 credits)
- Cultural Tourism (15 credits)
- Tourism Marketing (15 credits)
- Enterprise, Finance and Technology (15 credits)
- Human Resource Management in the Service Industries (15 credits)
- Research Methods (15 credits)
- Foundations of Scholarship (15 credits)
- Dissertation (45 credits)

One option chosen from:

- World Heritage Tourism Management (15 credits)
- Tourism in Emerging Economies (15 credits)
- Special Interest Tourism (15 credits)

Please note: All courses are subject to change.

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

1 year full-time  
2-4 years part-time  
October start

### Entry requirements

Applicants should have:

A good first degree or postgraduate diploma in an appropriate area

**OR** personal/professional experience.

- Whilst a first degree is desirable, the programme is also designed as a vocational Master's degree, therefore mature students with relevant work experience are encouraged to apply.
- Students educated in a language other than English should have an IELTS score of 6.0 or above or an equivalent rating in another language testing system.

### Assessment

All courses will be assessed through coursework exercises including essays, reports, presentations, fieldwork and portfolios.

### Career options

Students will be working in, or aspire to, careers in all aspects of the international tourism industry, which may include government tourism agencies, tour operators, airlines, cultural, heritage, festival, travel agencies and/or other specialist tourism operations.



# Agricultural and Food Sciences - Research

## MPhil/PhD

The Natural Resources Institute (NRI) is a specialised multidisciplinary research organisation within the University of Greenwich. The institute received the Queen's Anniversary Prize for its research activities on food security in the developing world. Much of NRI's research work is concerned with natural resources, agriculture and social development in developing countries, although it has an expanding portfolio of activities in Europe and other industrialised countries.

NRI provides a thriving environment for MPhil and PhD students working in agricultural and food sciences ([www.nri.org/research/avfs.htm](http://www.nri.org/research/avfs.htm)). Each of NRI's departments has a strong portfolio of research activities, of which students form an important and integral part.

The Agriculture, Health & Environment Department ([www.nri.org/work/ahe.htm](http://www.nri.org/work/ahe.htm)) works on the worldwide development of appropriate cost-effective and sustainable approaches to controlling pests, diseases and weeds that affect crop production. Use of control methods involving no (or very low) chemical residues is increasing in importance in our work, especially for export crops.

The Department also has researchers who share a common interest in the many species of airborne pollen and spores, insects, ticks and rodents that cause injury to their hosts and transmit diseases. Research is undertaken in the UK, using NRI's state-of-the-art laboratories, insectaries and glasshouses, and also overseas. Particularly strong areas of research include the epidemiology of insect-borne virus diseases, molecular diagnostics, pest and disease modelling, aerobiology and biometeorology, migrant pests, medical and veterinary entomology and integrated pest management.

The Food and Markets Department ([www.nri.org/work/etfm.htm](http://www.nri.org/work/etfm.htm)) works on commodity management and food safety of cereals, grains, root crops, perishables and other crops. The Department works with all aspects of the operations of the food industry, including, for example, storage, post-harvest technology, quality analysis and management, compliance with food standards, food processing and value addition. NRI's work provides many opportunities for postgraduates to be involved in multidisciplinary projects.

We offer full-time or part-time attendance, with students based on our campus or in their home countries, or some combination.

## Research projects

Recent topics include:

- The impact of host plants on the efficacy of nucleopolyhedrovirus as a biopesticide
- The impact of exotic Chinese carp in the Danube
- Evaluating the impact of climate change on postharvest quality of perishables
- Laboratory based investigation of the sensory cues used by vector mosquitoes to locate host animals
- Dormancy and sprout control in root and tuber crops

## Key facts

**School** Natural Resources Institute

**Location** Medway Campus

### Attendance

#### MPhil

1½-3 years full-time

2½-4 years part-time

**PhD (including MPhil registration period)**

2 years 9 months-5 years full-time

3 years 9 months-6 years part-time

### Entry requirements

Each case is considered on its own merits, so the following should only be used as a guide.

Applicants should have:

#### For PhD:

A Master's degree by research in a relevant field.

#### Registration for MPhil with the possibility of transfer to PhD:

A first- or second-class honours degree or equivalent.

#### For MPhil:

A third-class honours degree supported by academic referees.

- Students who are only registered for the MPhil may apply for transfer to PhD on submission of a full progress report at a specified point in the programme.

### Assessment

Students are assessed through their thesis and oral exam.

### Career options

Postgraduate research students from NRI have a good record of finding employment within their specific technical discipline or in the field of international development.

# Natural Resources

## PGDip/MSc/MSc by Research

These programmes are for students and professionals who wish to acquire improved expertise and knowledge in natural resources. The programme explores the ways in which developmental needs can be met through better understanding and improved management of renewable natural resources, without placing unsustainable demands on the environment.

The emphasis is on tropical applications, the Natural Resources Institutes principal area of expertise.

The programme offers postgraduate studies in three specialist routes:

- Plant Health and Protection
- Sustainable Agriculture
- Sustainable Environmental Management

The route taken forms part of the named award on successful completion of the programme, e.g. MSc Natural Resources (Plant Health and Protection). Applicants for the degree or postgraduate diploma must indicate their preferred specialist area. As well as optional courses from within this specialism, students may fulfil the requirements of the award by choosing courses from other parts of the programme (subject to timetabling and availability).

The MSc by Research consists of an extended research project and a limited number of taught courses and is available for students with the appropriate background and interest. The programme provides students with an overview and awareness of natural resources, their management and sustainable development, and provides training which enables students to apply the principles of sustainable natural resource management to their own disciplines.

## Key facts

**School** Natural Resources Institute

**Location** Medway Campus

### Attendance

1 year full-time

2 years part-time

Component short courses are available on a stand-alone basis

### Entry requirements

Applicants should have:

**EITHER** an appropriate first degree

**OR** equivalent professional qualifications.

- If you do not have formal entry qualifications, you may be admitted, depending on your work experience and responsibilities.
- If English is not your first language, you must produce evidence of proficiency, e.g. a score of 6.0 or above for the British Council language test.

### Assessment

Students are assessed through examinations and coursework.

### Career options

This programme provides professional development for those working in the research field.



# Architecture and Construction - Research

## MPhil/PhD

There are three research groups in the School, covering sustainable buildings, sustainable environments and design. Typically, students initially register for the MPhil. After approximately 12 to 18 months, students submit a comprehensive transfer report in order to be considered for transfer to PhD. If the transfer report and viva are accepted, the student is permitted to continue to completion of the PhD.

MPhil/PhD opportunities are available across the range of activities within the School but generally students should select topics in areas covered by the three research groups.

## Content

- Sustainable Buildings: Examines the balance between the constraints on building - technical, architectural, social and economic - and effective decision making at the post-construction phase of a building.
- Sustainable Environments: Focuses on regeneration, redevelopment, design and planning of urban and rural areas.
- Design: Incorporates architectural history, landscape and environmental design and architectural design theory and practice.

## Research projects

Recent topics include:

- The impact of climate change in the UK on business organisations.
- The use of sensor technology, artificial intelligence and wireless communications in the assessment of an oil pipeline's maintenance needs.
- GIS-based space planning for Ho Chi Minh City.
- Sustainable Landscape Planting in the Negev Desert.
- Corporate Governance Mechanisms and the Impact on Corporate Performance: Empirical Studies of China's Listed Real Estate Companies.

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

3 years full-time

6 years part-time

### Entry requirements

Applicants should have:

For registration on the MPhil, at least a good 2.1 undergraduate degree in a related field.

- Each case is considered on its merits.

### Assessment

Students are assessed through a thesis and an oral exam.

### Career options

This programme offers students a wide range of career opportunities in industry, government and academia.

# Property/Construction

## MSc by Research

This programme has been developed in response to a growing demand from construction- and property-related organisations for high-level in-work development of their staff. It is centred on the resolution of work-related problems or the development of work-related issues that lead to a recognised academic qualification.

The programme comprises 60 taught credits and 120 research dissertation credits.

Organisations require the development of knowledge and expertise that relates to the resolution of their own specific problems, and/or to the development of new expertise, systems or technology to support their own growth and development.

Situational research enables organisations to integrate their staff development with their business objectives and to increase the intellectual capital available through their employees. It also allows organisations to address development issues and problems that are current and important to them. The benefits that accrue from the links between an organisation and the university could lead to longer research opportunities.

The programme enables employees of organisations to pursue a higher degree through research of an issue or problem that is relevant to their day-to-day work and which will directly benefit their own job and career, as well as their employer. The programme provides an opportunity for organisations to support the development of their employees towards a recognised high-level academic qualification while retaining their services and involvement.

## Research

Proposals are welcomed in the following areas:

- Sustainable Buildings
- Climate Change and the Built Environment
- Building Performance
- Building Maintenance
- Building Rehabilitation
- Building Engineering
- Housing
- Property Development
- Construction Management
- Project Management
- Facilities Management
- Health and Safety
- Planning

## Key facts

**School** Architecture & Construction

**Location** Avery Hill Campus

### Attendance

- 1 year full-time
- 2 years part-time

### Entry requirements

Applicants should have:

A good first degree in architecture, construction, surveying, engineering or planning.

- Applicants with other first degrees are considered on an individual basis.
- Applicants are interviewed by the Director of Research (or a nominee).

### Assessment

Students are assessed through a viva voce examination and through coursework/examination at the individual course level.

### Career options

This programme offers students the opportunity for onward development with a wide range of firms engaged in the property and construction industries. It can also form the basis for further study for a PhD.

# Business

## MA by Research

This innovative programme enables graduates in business and management to develop their understanding and appreciation of business activity through a programme of taught courses and applied research. It is designed to give students the very best in both research and consultancy skills, while providing an opportunity to develop their knowledge in a chosen field.

It is unlike many other Master's programmes in that a major part of the award is based on the final dissertation, which makes up some two-thirds of the credits required to pass the degree.

Research is seen as an essential activity for the Business School as a foundation for excellence in teaching and to enable the School to provide contract research and consultancy services to business and the wider community, both nationally and at regional level, especially within south-east London and Kent.

The programme provides a more critical and rigorous exploration of the particular subject area than may be found in a more vocationally orientated Master's programme. It places much more emphasis on original research and the contribution to knowledge than would normally be expected of a vocational or professional degree student.

At the end of this degree, successful students may wish to register for a doctoral programme, since this MA provides a useful taster of research training and experience for those considering this route.

The programme is also unusual in that most students have an individually designed programme of courses to suit their particular subject interests. Students are likely to be graduates in relevant disciplines, consultants or practising managers who wish to develop sophisticated research skills and apply them to a specific subject area.

### Content

- Research Methods
- Advanced Research Methods
- Individual Courses (specific to student's chosen research area)
- Dissertation

### Key facts

**School** Business

**Location** Greenwich Campus

#### Attendance

1 year full-time

2 years part-time

#### Entry requirements

Applicants should have:

**EITHER** a good first degree

**OR** a professional qualification, such as a diploma in management studies.

- Applicants should submit a research proposal and will be interviewed; applicants may also be asked to give a presentation.
- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

#### Assessment

Students are assessed through a dissertation, subject to an external viva voce examination.

#### Career options

Graduates can pursue career opportunities in both private and public sector research in professional areas and academia.

# Business - Research

## MPhil/PhD

The Business School offers opportunities to study full-time and part-time for research degrees, including both MPhil and PhD. The PhD has long been recognised as the route to the high academic standard expected of an expert in a subject. Such a route involves the systematic acquisition and understanding of knowledge which is at the forefront of an academic discipline or area of professional practice.

The programme seeks to enhance the ability of students to develop new and creative approaches that extend or redefine existing knowledge or professional practice. Moreover, students will develop an in-depth understanding of research methodology within a sound framework of research philosophy; instantiating this with their own research project under the guidance of their supervisors. Through this educative process at the doctoral level, the programme aims to provide successful students with the accolade of being a leading expert or practitioner in the field of business and management.

The School has the capacity and expertise to supervise research students primarily in the area of human resource management, organisational behaviour, accounting, finance, financial services, critical and social research in accounting and organisations, public administration, public policy, economics (especially development and monetary economics), strategic management, international business, marketing, supply chain management, knowledge management, IT strategies, entrepreneurship and innovation, tourism, and cultural, art and heritage industries. During their first year students are required to take courses in research methods and other subjects appropriate to their research topic, as determined by the programme director.

Research is seen as an essential activity for the Business School as a foundation for excellence in teaching and to enable the School to provide contract research and consultancy services to business and the wider community, both nationally and at regional level, especially within south-east London and Kent.

For further information, please log on to [www.greenwich.ac.uk/research](http://www.greenwich.ac.uk/research).

## Content

- Research Methods
- Advanced Research Methods
- Online (WebCT) Courses for Research Students
- Individual Courses (in area of student's speciality and the doctoral seminar)
- Formal Defence of Research Thesis

## Key facts

**School** Business

**Location** Greenwich Campus

### Attendance

#### MPhil

18-36 months full-time

30-48 months part-time

#### PhD

36-60 months full-time

48-72 months part-time

### Entry requirements

Applicants should have:

**EITHER** a good UK honours degree

**OR** equivalent and a Master's qualification

**OR** substantial research experience gained at a public or private (research) institution or organisation.

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system.

### Assessment

Students are required to defend their theses before the examination committee.

### Professional recognition

The programme is accredited by the European Doctoral Programmes Association in Management and Business Administration, a prestigious body that aims to help its members increase the quality of their PhD programmes.

### Career options

This programme offers academic and research careers and opportunities in both the private and public sectors.

# Computing and Mathematical Sciences

## MSc by Research

This programme provides technology-based graduates with the opportunity to develop an area of technological expertise through a major research project. It also gives students understanding and skills in the methodology of research and the experience of a critical investigation of an approved topic at a high level.

Taught courses are chosen from the School's broad portfolio and should be appropriate to the student's project area. The student must undertake a research methodology course as the basis for the project. The project itself is one of the student's free choices, within the constraints imposed by his or her education, training and experience. It is designed to be very practical, to provide more time than is traditionally allowed for such a project and to emphasise the work-based aspects of the subject matter.

Project proposals must be prepared and agreed by the programme leader before applicants are accepted on to the programme.

The School of Computing & Mathematical Sciences also has MPhil/PhD opportunities.

Subject areas from the School's taught portfolio include:

- Enterprise, Distributed and Web Technologies
- Networking, Security, Forensics and Risk Management
- Information Systems, Data Warehousing and Data Mining
- Computing and Information Technology
- Applied Mathematical Modelling, Fire Safety Engineering and Scientific Computing
- Cinematography

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

1 year full-time

2 years part-time

Block release according to circumstances

September or January start

### Entry requirements

Applicants should have:

**EITHER** a good first degree

**OR** an equivalent qualification in mathematics, computing or engineering.

- Candidates with relevant learning and experience at the appropriate level may wish to offer themselves for assessment of their prior experiential learning.

### Assessment

Students are assessed through examinations, coursework and a project.

### Career options

This MSc provides the student with significant skills from undertaking a substantial independent piece of research. It enables successful graduates to extend their research skills at a higher level in industry or academia.

# Computing and Mathematical Sciences

## MPhil/PhD

The School of Computing & Mathematical Sciences has an outstanding research record, for example, our Fire Safety Engineering Group has won the Queen's Anniversary Prize and the top award at the British Computer Society IT Awards for its EXODUS software.

Each student normally first enrolls on the MPhil degree. After completing the first year of the MPhil, the student's progress is reviewed, and, if considered satisfactory, the student is permitted to transfer to the PhD for a further two to three years of research. A student who does not wish to continue at this point may write up and submit the work to be considered for an MPhil degree.

MPhil/PhD students are usually provided with two supervisors, who guide them through the research. The supervisors are usually research staff from within the School, although a supervisor may be appointed from another School or from outside the university. The School has a number of research groups focusing on practical and important real-life problems.

The School also offers a one-year MSc by Research, go online for more information.

## Research areas

(If your research area does not fall exactly into one of the following categories, contact the School to discuss your requirements)

- Thermal stress analysis
- Coupled structures and flow
- Electronic packaging
- Computer science
- Artificial intelligence
- Data Mining
- Case-Based Reasoning
- Autonomic Computing
- Operations research
- Internet technologies
- Multimedia
- E-learning
- Fire safety engineering and evacuation,
- Human behaviour, pedestrian dynamics, combustion and ventilation
- Parallel computing
- Continuum physics
- Algorithms and codes
- Computational fluid dynamics modelling

## Key facts

**School** Computing & Mathematical Sciences

**Location** Greenwich Campus

### Attendance

PhD (including MPhil registration period)

3-4 years full-time

5-7 years part-time

Enrolment on the PhD/MPhil programme can take place at any time during the academic year

### Entry requirements

Applicants should have:

A good first degree, typically 2.1 or above in a related subject.

- Each application is considered on its own merits, so entry requirements may vary.

### Assessment

Students are assessed through their research and a dissertation.

### Career options

Graduates from this programme can pursue a wide range of career opportunities in industry, government and academia.

# Development Studies - Research

## MPhil/PhD

The Natural Resources Institute (NRI) is a specialised multidisciplinary organisation within the University of Greenwich providing research and consultancy in support of sustainable development, economic growth and poverty reduction, principally, but not solely, in the natural resources sector. NRI has a rapidly growing programme of research at MPhil and PhD level on social-scientific and interdisciplinary topics relating to development in the South and in Europe. The institute provides a vibrant research environment for MPhil and PhD students in development studies ([www.nri.org/research/developmentstudies.htm](http://www.nri.org/research/developmentstudies.htm)), with students from a number of countries and a variety of backgrounds in research, government and non-governmental organisations. Students are also actively encouraged to network with peers from other universities in the UK.

The Livelihoods and Institutions Group ([www.nri.org/work/li.htm](http://www.nri.org/work/li.htm)) works on a number of themes related to natural resources, environment and development. Particular interests include participatory and client-oriented methods of agricultural research and their institutionalisation, agricultural service delivery, performance and impact assessment methodologies, community based natural resource management, land tenure, management of protected areas, urban agriculture and rural-urban linkages, pastoralism, vulnerability to disasters and climate change. The Enterprise, Trade and Food Management Group ([www.nri.org/work/etfm.htm](http://www.nri.org/work/etfm.htm)) works on many economics-based development issues. Important themes include the performance of agricultural markets, international marketing and trade, micro-finance, enterprise development and poverty reduction, local economic development, ethical trade and corporate social responsibility.

We welcome applications from potential students from either a social or natural scientific background. We can offer full-time or part-time registration, with students based on our campus in Medway or in their home countries, or some combination of the two.

## Research projects

Recent topics include:

- Land tenure and sustainable livelihoods in North-East Ghana.
- Agricultural market institutions and pro-poor growth in Malawi.

## Key facts

**School** Natural Resources Institute

**Location** Medway Campus

### Attendance

#### MPhil

1½-3 years full-time

2½-4 years part-time

#### PhD (including MPhil registration period)

2¾-5 years full-time

3¾-6 years part-time

### Entry requirements

Each case is considered on its merits.

As a guide, applicants should have:

#### For a PhD direct:

You should have a Master's degree by research in a relevant field.

#### For registration for MPhil with the possibility of transfer to a PhD:

A first or second class honours degree or equivalent is usually required.

#### For MPhil:

You should have a third class honours degree supported by academic referees.

- It is permissible for students registered for the MPhil only to apply for transfer to PhD on submission of a full progress report at the time of application for transfer.

### Assessment

Students are assessed through their thesis and oral exam.

### Career options

Postgraduate research students from NRI have a good record of finding employment within their specific technical discipline or in the field of international development.

# Education - Research

## MPhil/PhD

This programme is intended for qualified and experienced teachers, trainers and other professionals working in education, training and related professional fields. Students develop advanced skills in educational research methods, including critical analysis, evidence-based inquiry, quantitative and qualitative data collection and analysis. Following a qualifying period, students on the MPhil programme can proceed to PhD studies in education and training.

Aims of the programme:

- To provide advanced practitioners from education, training, health and allied fields with a doctoral programme through research study and a supervised thesis.
- To provide students with an advanced knowledge of educational research methods, critical literature review, evidence-based inquiry, quantitative and qualitative data collection and analysis within education, training, health and allied fields.
- To help students develop advanced skills in contemporary theoretical knowledge, critical analysis, doctoral research and evidence-based inquiry, leading to a contribution to knowledge informed by original research and scholarship.

## Research areas

- Education for citizenship
- E-Learning, social networking
- Pedagogy, learning theories and learning and teaching
- Achievement and retention of ethnic minority students in education
- Widening participation, access and the student experience
- Professionalism and professional practice
- Creativity and complexity theory
- Childhood studies and history of education
- Changing patterns of participation in post-16 education and training
- Lifelong learning
- Leadership and management in education
- Knowledge management and organisational change
- Literacy, language, poetry and applied linguistics in Education
- Skills-based vocational training
- Equality, inclusivity and diversity in education
- A range of other individually negotiated subject areas

## Key facts

**School** Education

**Location** Avery Hill Campus

### Attendance

**MPhil**

2 years full-time

3-4 years part-time

**PhD**

3 years full-time

4-5 years part-time

### Entry requirements

We welcome enquiries from potential research students from all sectors of education, training and related professional fields.

### Assessment

Students are assessed through their research thesis.

### Career options

This programme offers enhanced career opportunities in the education, training, health and allied fields.



# Engineering

## MSc by Research

Two-thirds of this programme consists of a research project that enables the student to develop significant expertise in a particular subject. This is complemented by options from the School's portfolio of Master's programmes.

The programme is ideal for an industry-based project and/or student. Research can be drawn from across the School's areas of interest and expertise, which include manufacturing systems, control and instrumentation, and bulk solids handling.

### Content

- Strategy and Management (15 credits)
- Research Methodology (15 credits)
- Research Project and Dissertation (120 credits)
- Two options from a range offered by the School (30 credits)

### Research projects

Recent topics include:

- The influence of product temperature upon adhesion to impact zones in process plants.
- The design, construction and testing of a test rig to evaluate elutriation segregation; caking problems due to coal-biomass mixes in silos; and approaches for inhibition of cake formation.
- The development of a fully automated elutriation tester.
- The use of standpipes as a means of allowing the development of full outlet area activation when used in conjunction with preferential flow channel feeders.
- A comparison of flow properties of coal, biomass and their mixes using small and large annular shear cells.

### Key facts

**School** Engineering

**Location** Medway Campus

#### Attendance

1 year full-time

2 years part-time

September or January start

#### Entry requirements

Applicants should have:

A first degree, 2.2 or above, in engineering

**OR** an equivalent qualification.

- Students without a first degree but with professional and vocational experience (e.g. incorporated engineer or chartered engineer status) may be considered if they demonstrate the potential to succeed on the programme.

- Students educated in a language other than English should have an IELTS score of 6.0 or above or an equivalent rating in another language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

#### Assessment

Students are assessed through examinations, case studies, assignments, practical work and a dissertation.

#### Career options

Graduates from this programme can pursue opportunities in research and development in their chosen field.

# Engineering - Research

## MPhil/PhD

The School of Engineering has a population of around 50 MPhil/PhD students working in seven research groups. This work is supported by research funding of around £1.6M per annum.

Each student normally first enrolls on the MPhil degree. After completing the first year of the MPhil, the student's progress is reviewed, and, if considered satisfactory, the student is permitted to transfer to the PhD for a further two to three years of research. A student who does not wish to continue at this point may write up and submit the work to be considered for an MPhil degree.

MPhil/PhD students are usually provided with two supervisors, who guide them through the research. The supervisors are usually research staff from within the School, although a supervisor may be appointed from another School or from outside the university. The School has seven research groups focusing on practical and important real-life problems. The School also offers a one-year MSc by Research.

## Research projects

MPhil /PhD projects are undertaken in the following research groups within the School of Engineering:

- The Wolfson Centre for Bulk Solids Handling Technology
- The Manufacturing Engineering Research Group
- The Mobile and Wireless Communications Research Laboratory
- The Internet Security Research Laboratory
- The Centre for Innovative Product Development
- The Infrastructure Management Research Group
- The Sustainability in Civil Engineering Research Group

Please note: If your research area does not fall exactly into one of the following categories, contact the School to discuss your requirements.

## Key facts

**School** Engineering

**Location** Medway Campus

### Attendance

3-4 years full-time

5-7 years part-time

Enrolment on the PhD/MPhil programme can take place at any time during the academic year.

### Entry Criteria

Applicants should have:

- A good first degree, typically 2.1 or above in a related subject.

Each application is considered on its own merits, so entry requirements may vary.

### Assessment

Students are assessed through their research, thesis and a viva voce examination.

### Career Options

Graduates from this programme can pursue a wide range of career opportunities in industry, government and academia.

# Health and Social Care - Research

## MPhil/PhD

The School of Health & Social Care welcomes enquiries and applications from those interested in full- or part-time study for MPhil or PhD degrees in health, nursing, social work and psychology or counselling.

The School focuses on applied social science, including sociology and psychology. We have a large and growing PhD programme. Students' progress is supported by a supervisory team and monitored by committees within the School and the university.

Students may wish to undertake a study which falls within the School's current portfolio of research, which includes: organisation and delivery of health and social care; primary care and public health; education and training of health and social care professionals; learning, development and well-being; brain, action and movement; and counselling and development.

Applicants must identify an area of research that they wish to pursue and submit an outline proposal of approximately 1,000 words with their application form.

In the first two terms applicants are required to take courses in qualitative and quantitative methods as well as critical appraisal of the literature in the first two terms, unless they have recently completed courses in these areas that are of a similar standard. Part-time students are expected to devote a minimum of 12 hours per week to their postgraduate work.

## Research projects

Recent topics include:

- The subjective experience and effects of chronic life-threatening illness in childhood.
- The memory performance in younger and older adults during single-and-dual task conditions.
- The influence of family functioning on the development of aggressive behaviour in pre-school.
- Cultural rites and rituals associated with pregnancy and childbirth in different cultural groups in London.

## Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

### Attendance

**MPhil**

2 years full-time

3-4 years part-time

**PhD**

3 years full-time

4-5 years part-time

### Entry requirements

Applicants should have:

A first degree in a relevant subject, normally 2.1 or above.

- A Master's degree is an additional advantage.

### Assessment

Students are assessed through their research thesis.

### Career options

Graduates from this programme can pursue careers in teaching in further and higher education, as well as research and other opportunities in both public and private sectors.

# Research in Health and Social Care

## MSc

This stimulating programme in research methodology prepares students for the effective application of research in a wide range of health and social care and academic settings. Students may also wish to use the degree as a springboard into substantive doctoral research.

The award is relevant to a wide range of students working in health-related areas but will be of particular interest to health and social care professionals and managers who wish to make significant contributions to their place of work through research development, scholarship and the application of advanced knowledge and skills to health and social care issues.

Students select a research project in an area of interest from a series of suggestions by different research supervisors. Supervisors are available within the School of Health & Social Care and also other Schools within the university, depending upon the focus of the research.

Key areas for projects include learning disabilities, health promotion and health service provision.

Students with prior academic and experiential learning may claim exemption from up to 40 credits.

## Content

- Quantative Research Methods in Health and Social Care (15 credits)
- Qualitative Research Methods in Health and Social Care (15 credits)
- Appraisal of Research Evidence (30 credits)
- Critical Appraisal of Systematic Review (15 credits)
- Critical Social Theory in Health and Social Care (15 credits)
- Project Preparation - Individual Research Project (30 credits)
- Research Project (60 credits)

## Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

### Attendance

1 year full-time

2-3 years part-time

### Entry requirements

Applicants should be professionals working in health-related areas.

### Assessment

Students are assessed through coursework and a project thesis.

### Career options

This programme offers enhanced skills for professionals in health and social care.

# Pharmacy - Research

## MPhil/PhD

Medway School of Pharmacy is a joint venture between the Universities of Greenwich and Kent. Since 2004, the School has invested heavily in facilities and equipment: it now houses strong and vibrant research groups that span a range of pharmacy-related areas. Staff have a wealth of research experience and UK and international links with both industry and academic institutions. Our excellent relationship with both Greenwich and Kent gives the School access to world-class research facilities. PhD studentships are awarded on a competitive basis and in a broad range of research areas, including chemistry and drug delivery, biological sciences and pharmacy practice.

The programme aims to give postgraduate students the integrated, broad-based research training needed to exploit the advances in pharmaceutical and biological sciences and pharmacy practice for conducting contemporary research. Normally, students register initially for an MPhil. After approximately 1 year to 18 months, the student can transfer to the PhD programme after the successful submission of a comprehensive transfer report. We also offer part-time MPhil/PhD programmes.

## Research areas

- Chemistry and drug delivery
- Synthesis and biological evaluation of potential anti-cancer agents
- Structure-based drug design
- Quantitative structure-activity relationship (QSAR) predication of ADMET properties
- Controlled release
- Particle engineering
- Powder technology
- Pharmaceutical technology
- Novel drug delivery systems with a focus on respiratory drug delivery
- Pharmacology, cell and molecular biology
- Cancer gene therapy
- Immunology of allergic response
- Neuropharmacology
- Neurobiology (circadian rhythms)
- Control of microbial infection
- Ion channels and their role in disease states
- Pharmacy practice
- Rational cost-effective use of drugs
- Pharmaceutical care - with an emphasis on new models of care for specific patient groups
- Medicines management

## Research projects

Recent topics include:

- Pharmaceutical services, ethics and pharmacy practice
- The use of targeted medicines using reviews to provide improved patient outcomes on transfer within primary and secondary care settings

## Key facts

**School** Pharmacy

**Location** Medway Campus

### Attendance

3 years full-time

6 years part-time

### Entry requirements

Applicants should have:

Typically, a first class or 2.1 honours degree in an appropriate area

**OR** taught MSc (distinction).

- Students educated in a language other than English should have an IELTS score of 6.5 or above or an equivalent rating in another language testing system.

- Applicants with non-standard qualifications but significant experience should contact the School's director of research to discuss their application.

### Assessment

Students are assessed through their thesis and an oral exam.

### Career options

Graduates from this programme can pursue positions in the pharmaceutical industry, consultancy, the NHS and other parts of the public sector, and academia.

# Psychology

## MSc by Research

This programme is aimed at graduates who would like to enhance their research skills in psychology. During the programme, students are encouraged to make links between theory, research and practice across a broad range of areas in psychology. Students will be given training in Advanced Research Methods in Psychology which will enhance their research skills and provide them with new skills in the use of a variety of more advanced research methodologies, tools and statistics appropriate to research in psychology. Across the year, students will have the opportunity to undertake an individual piece of research on a topic of their choice in psychology, under the supervision of a member of staff. This research will be informed by their learning on the other courses and will require students to produce a piece of research of publishable quality. As part of their research project/dissertation, students are required to produce a research poster which they must defend at a student conference and a final project report.

Aims of the programme:

- To enhance students' research skills.
- To enable students to undertake a substantial piece of individual research in psychology.
- To provide students with an understanding of the links between theory, research and practice in relation to psychology.

## Content

- Psychological Research (30 credits)
- Advanced Research Methods in Psychology (30 credits)
- Psychology Project/Dissertation (120 credits)

## Key facts

**School** Health & Social Care

**Location** Avery Hill Campus

### Attendance

1 year full-time  
2 years part-time

### Entry requirements

Applicants should have:

An honours degree in psychology or equivalent subject (normally a 2.1 or above).

- Students educated in a language other than English should have an IELTS score of 6.5 or above.

### Assessment

Students are assessed through oral presentations, laboratory reports, a research poster, a research project, a portfolio, and an examination.

### Career options

Graduates from this programme have a strong background in advanced research skills in psychology as well as a more in-depth understanding of a broad range of applications of psychology. It will be beneficial for further professional training and study in psychology and will provide an excellent springboard for doctoral training.

# Advanced Research Training Opportunities (Science)

## MPhil/PhD

The School of Science offers advanced research training opportunities across a broad range of subject areas, including chemical and pharmaceutical, biomedical and environmental sciences. The research activities within the School are supported by state of the art analytical and computer facilities.

Upon acceptance to a programme, students normally register initially for an MPhil, and after approximately 12 to 18 months, the student is examined by viva voce for consideration for transfer to PhD. Upon completion of the Doctoral training, students are ideally equipped to work in an academia or industrial research environment.

## Content

Possible areas for advanced research include:

- Materials analysis
- Biophysical chemistry
- Molecular spectroscopy
- Biomaterials
- Formulation chemistry
- Gene therapy
- Waste management
- Advanced spectral analysis
- Forensic science
- Environmental geochemistry
- Research Projects

## Research projects

Recent topics include:

- Solar energy conversion fragment-based drug discovery
- Synthesis of palladacycles of biologically relevant scaffolds including benzodiazepines
- In situ monitoring of chemical reactions
- Treatment of contaminated soils by accelerated carbonation
- Production of novel silicate-based sorbents
- Integrated production of biodiesel from oilseed rape
- Pathogenesis of autoimmune diseases
- Bioremediation and composting technologies

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

3 years full-time

6 years part-time

### Entry requirements

Applicants should have:

A minimum 2.1 Honours degree in a related subject **OR** Master's degree

- Each application is considered on its merits.
- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

### Assessment

Students are assessed through their thesis and an oral exam.

### Career options

Graduates from this programme can pursue careers in industry, government and academia.

# Science

## MSc by Research

This programme offers the opportunity to gain a qualification by following a structured course of scientific research. It represents an important route to postgraduate research and is closely linked with MPhil and PhD programmes of work currently running in the School. Students can select from a wide range of theory courses appropriate to their individual research topic across the disciplines of the chemical and life sciences.

The programme comprises taught courses (60 credits) and a research project (120 credits) and is suitable for students who want to gain a postgraduate research qualification or strengthen their practical skills.

The research project may be partially assessed by the publication of an original paper rather than a traditional thesis. The programme is designed to provide a comprehensive insight into the mechanics of research from both the literature and experimental perspectives. On successful completion of the programme, students are able to critically assess the primary research literature in depth, and appreciate the significance of the economic, environmental and social impact of research and development in a competitive industrial world. They can also design and carry out experiments to test hypotheses, and compose and present scientific information for publication purposes.

The university has an extensive network of overseas contacts, with staff based in, or regularly visiting, some 40 to 50 countries. Overseas students are able to obtain an MSc by Research by attending classes for three to four months in the UK, with a project based and supervised in their own country.

## Research projects

Recent topics include:

- Analytical informatics and chemometrics
- Biomarker profiling
- Biomaterials
- Cell biology and intracellular gene delivery
- Medicinal chemistry drug-delivery systems
- Nanotechnology
- Mass Spectrometry
- Pharmaceutical materials science
- Pharmacognosy
- Biotechnology
- GIS and remote sensing
- Chemostratigraphy and inorganic forensic fingerprinting
- Geography - sustainable development
- Landscape ecology non-aqueous phase liquid contamination of aquifers
- Palaeoenvironmental analysis
- Solar energy conversion and hydrogen production

## Key facts

**School** Science

**Location** Medway Campus

### Attendance

1 year full-time  
2 years part-time

### Entry requirements

Applicants should have:

**EITHER** a BSc honours degree or equivalent qualification in a relevant science subject

**OR** substantial industrial experience and supervisory responsibility.

- Students who do not have English as their first language, must have an IELTS score of 6.5 or above or an equivalent rating in another recognised language testing system. Alternatively, students can enter via the University of Greenwich International Pre-Masters' Programme.

- Applicants from other backgrounds are considered but should contact the Programme Leader via [science-queries@gre.ac.uk](mailto:science-queries@gre.ac.uk).

### Assessment

Students are assessed through coursework and a dissertation or a published original research paper.

### Career options

This programme offers opportunities in the public and private sectors.



# How to find us

You can find detailed travel information, including individual campus maps and directions, by visiting [www.gre.ac.uk/travel](http://www.gre.ac.uk/travel). For videos and information about the facilities on each campus, visit [www.gre.ac.uk/about/campus](http://www.gre.ac.uk/about/campus).

## Avery Hill Campus



## Greenwich Campus



## Medway Campus





## Student finance

The majority of students entering postgraduate study will be self-funding. The different ways in which funding is made up is known as a 'funding portfolio'. This can consist of earnings from part-time or full-time work, grants, bursaries, employer contributions and savings.

The university has a team of advisers to provide you with information and guidance to help you maximise your income before and during your studies. Information on how to contact us is available from [www.gre.ac.uk/finance](http://www.gre.ac.uk/finance).

It is important to ensure that you have made sufficient provision financially before you embark on your programme of study. Please bear in mind that in addition to tuition fees you will have other expenses, such as accommodation, books and materials. To help offset some of your costs, you should consider applying to charitable trusts for grants. This needs to be done a year in advance.

### Tuition fees

Information on current fees and payment details are available from the Enquiry Unit. Log on to the

university's student finance pages at [www.gre.ac.uk/finance](http://www.gre.ac.uk/finance), or telephone 020 8331 9000.

### Initial teacher training PGCE

At the time of writing, eligible students on postgraduate programmes leading to the award of Qualified Teacher Status, such as a PGCE, can apply for tuition fee loans and help with maintenance costs. The Government has announced changes to this system of funding for 2012-13. For further information and updates, visit [www.bis.gov.uk/studentfinance](http://www.bis.gov.uk/studentfinance).

The university will also publish regular updates on the funding changes, eligibility for support, and fee rates on our website at [www.gre.ac.uk/finance/2012](http://www.gre.ac.uk/finance/2012).

### Financial support

Further information on postgraduate funding can be obtained from the Prospects Postgraduate Funding Guide, which is available online at [www.prospects.ac.uk](http://www.prospects.ac.uk). The university also provides information on financial support at [www.gre.ac.uk/finance](http://www.gre.ac.uk/finance).

## Educational loans

For more information, log on to [www.direct.gov.uk](http://www.direct.gov.uk) and type 'Professional and Career Development Loans' in the search box.

## Research councils

Details of research council funding opportunities are available from [www.gre.ac.uk/research](http://www.gre.ac.uk/research).

## Bursaries and scholarships

The University of Greenwich has a wide range of awards available to students. As there are many of these and they are subject to change, it is not possible to list them here. For current bursaries and scholarships, visit the university's website at [www.gre.ac.uk/finance](http://www.gre.ac.uk/finance).

## Student support

The University of Greenwich has a dedicated support team that provides help and advice for all areas of university life, including financial matters. Support is provided through our Student Centres, which can be found on each campus. Each includes a JobShop, which can help you to find a part-time job if you need to supplement your income. For a comprehensive list of support services, visit [www.gre.ac.uk/study/support](http://www.gre.ac.uk/study/support).

## Money Doctors

The University of Greenwich is part of 'Money Doctors', a national initiative set up by the Consumer Financial Education Body to help students make more informed decisions about their finances. The scheme provides advice on government financial support, university hardship funds and managing a budget.

The university's own Money Doctors, our student finance advisers, are located in the Student Centres. They offer information, advice and support on the following matters through workshops and one-to-one appointments:

- Money management
- Debt management
- Supplementary income
- Funding postgraduate study.

For more information, visit [www.gre.ac.uk/finance/pg](http://www.gre.ac.uk/finance/pg).

## Other sources of information

The university provides an online student calculator and personal budget sheet, which can help you to analyse your income and expenditure. To access these, visit [www.gre.ac.uk/study/finance/pg](http://www.gre.ac.uk/study/finance/pg). We also publish a range of literature on money management, which can be downloaded from our website.





# Making your application

Applications should be made on a university application form, available from the Enquiry Unit. Contact us on 020 8331 9000 or e-mail us at [courseinfo@gre.ac.uk](mailto:courseinfo@gre.ac.uk). Applications for full-time primary and secondary PGCE programmes should be made through the Graduate Teacher Training Registry (GTTR), at [www.gttr.ac.uk](http://www.gttr.ac.uk).

There is no closing date for applications to postgraduate programmes, but many fill up quickly, so applicants are advised to apply early. You do not have to wait for first degree or other examination results. In common with other institutions, the university considers late applications.

## Research degrees

Enquiries about applications for research degrees can be made to the Enquiry Unit. Subject-specific enquiries should be directed to the university's research administrators, on the contacts given below.

- Telephone: 01634 883030 or 01634 883870
- Fax: 01634 883738

Your initial enquiry must be accompanied by all of the following:

- A current CV detailing your past degrees and the intended focus of your project.
- A paragraph of approximately five or six sentences which provides an outline of your desired programme of study.
- An assurance that you have secured funding for a minimum of three years and that this takes into account your living costs (including accommodation, food, travel and books). For information on fees, please log on to [www.gre.ac.uk/finance](http://www.gre.ac.uk/finance).

We cannot reply to initial enquiries that do not include the requested information. Once we have this, we will liaise with the School to identify whether we have an academic who is available to supervise your programme. Please do not contact the School directly as this will slow the process; the School will contact you when they are ready to proceed.

Once an outline research project has been agreed between the appropriate member of School staff and applicant, the applicant must complete an application form and send it to the Admissions Department. Once this has been accepted and a record created for the applicant, a contract letter will be sent from the Research Student Administration Office. Applicants will then be able to register with the university.

## How to apply

### Enquiries

If you have found programmes that interest you, the Enquiry Unit will be pleased to give you more information. You can phone or e-mail them or drop in for a chat (address and contact details are on the back cover).

If you are an international student, you can find out about the university from our International Office. This provides guidance throughout the application process, from your initial enquiry, through applying for a place, to your arrival to study with us.

You may be able to speak to members of the International Office in your own country, as they make many overseas visits each year to attend British Council exhibitions, to interview students and to establish links with overseas universities. We also have representatives in several countries who can offer advice on applying to the university and assistance with your student visa application.

For further information, including details of our overseas visits, please log on to [www.gre.ac.uk/international](http://www.gre.ac.uk/international) or e-mail [international@gre.ac.uk](mailto:international@gre.ac.uk).

### Visiting the university

If you would like to see the university, you are welcome to attend one of our Open Days, which we hold several times a year. These offer a chance to view our magnificent buildings and modern facilities. There are tours of the campus, and you can talk to academic staff about your subject. Advice is available on finance, accommodation and disability and dyslexia issues.

For a list, visit [www.gre.ac.uk/opendays](http://www.gre.ac.uk/opendays). If you are unable to attend an Open Day, please contact

the Open Day Co-ordinator on 020 8331 8354 to arrange a visit.

### Further information

If you want to learn more about student life at the university, log on to [www.gre.ac.uk/lifestyle](http://www.gre.ac.uk/lifestyle), where you will find information on the facilities on campus, a guide to the areas around the university, and details of accommodation.

The university publishes brochures, booklets and leaflets on student life and study, including prospectuses for some of our Schools and individual leaflets for our programmes. Many are available to download from our website.

To find out more, please contact the Enquiry Unit or visit [www.greenwich.ac.uk](http://www.greenwich.ac.uk).





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## An important note about this prospectus

Every effort has been taken to make this prospectus as accurate as possible. If you have any comments about the prospectus, please write to the Marketing Department, University of Greenwich at Medway, Central Avenue, Chatham Maritime, Kent ME4 4TB.

The University of Greenwich reserves the right to discontinue any class or programme, to alter any programme or to amend any other information without notice. Some of the programmes listed are subject to validation. Where applicable this status is indicated at the beginning of each programme entry in the Subject A to Z. Further information and recent updates for programmes offered at the University of Greenwich and our partner colleges can be found online at [www.greenwich.ac.uk](http://www.greenwich.ac.uk).

This prospectus describes the programmes offered by the University of Greenwich. Should you become a student of this institution, you will receive further material describing the teaching, examination, assessment and other educational services (“the educational services”) offered by the University of Greenwich, as well as information on the social side of student life. The university undertakes to take all reasonable steps to provide educational services in the manner set out in the prospectus and further materials. It does not, however, guarantee the provision of such services. Should industrial action or circumstances beyond the control of the University of Greenwich interfere with its ability to provide educational services, the university undertakes to use all reasonable steps to minimise the resultant disruption to those services. Should you become a student at the university, this notice shall constitute a term of any contract between you and the University of Greenwich. Any offer of a place made to you by the University of Greenwich is made on the basis that, in accepting such an offer, you signify your consent to the incorporation of this notice as a term of any such contract. At the time of press entry requirements are subject to change. Please check the online prospectus at [www.greenwich.ac.uk](http://www.greenwich.ac.uk) to confirm UCAS points before making your application.

## The university’s policies on fraud

If the University of Greenwich has reason to believe that you, or any person acting on your behalf, has provided false information, omitted relevant information, made any misrepresentation and/or provided counterfeit or forged documents in respect of an application for a place at the university, tuition fees assessment, mandatory or discretionary award, it will take whatever steps it considers necessary to establish the authenticity of that information and/or documentation. If the university suspects that fraud may have taken place in the circumstances set out above, it is entitled to share information with appropriate outside agencies as defined in its data protection registration\*. If it concludes that a fraud has taken place, it is entitled to cancel a student’s application, withdraw any offer of a place and to rescind his or her student status. Students will be required to provide such further information or documentation as may be requested by the university, in relation to their application or student status.

\* A full list of such agencies is available on request from the University Secretary’s Office.

## Credits

This prospectus was compiled, designed and edited by the Marketing Department, Development & Communications, University of Greenwich.

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