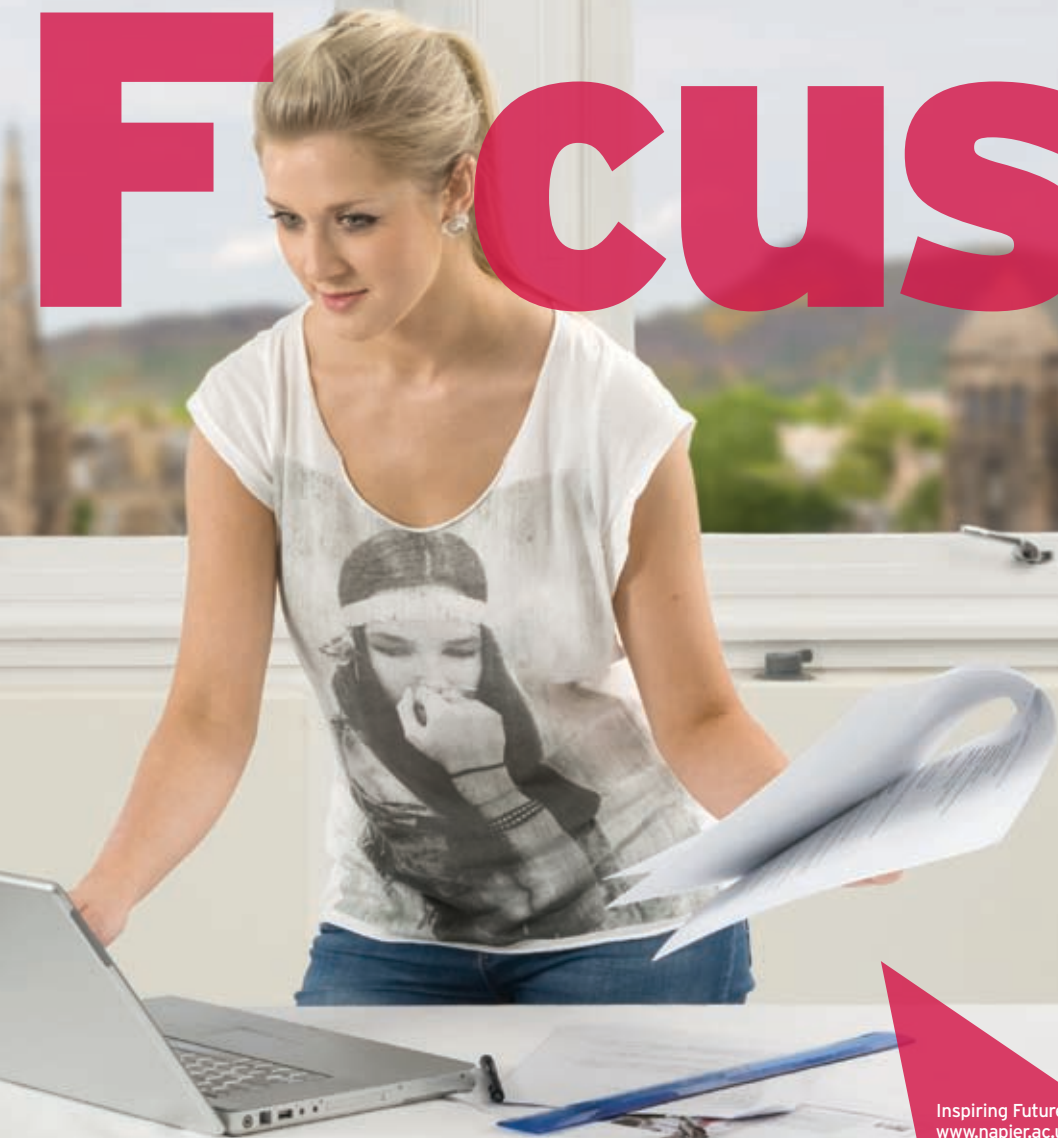


Postgraduate
Prospectus 2011

Edinburgh Napier
UNIVERSITY

Focus



Inspiring Futures
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Prospects

Pr



Focus on your future - your career; your **prospects**. Enhance your employability and stand out from the crowd by studying one of our industry-relevant postgraduate **courses**. We're Edinburgh's innovative and **professional** university - giving you an essential mix of personal and professional skills for success in the global job market.


If you want to **perform** - advance your career and raise your earning potential - challenge your ideas on the best place to study and **join us**. We'll help maximise your potential.

pects



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Edinburgh's top university for
graduate employability.

Higher Education Statistics Agency
(HESA) 2010

Find what you want, fast

Our postgraduate prospectus has been designed to help you as much as possible during the application process

Our courses are listed alphabetically by faculty and each entry contains an outline of what you'll study and what the entry requirements are. Unless otherwise stated, all our courses are available as a Master of Science (MSc) degree with other exit points to qualify with a Postgraduate Certificate (PgCert) or Postgraduate Diploma (PgDip). You can also find out about the possibility of tailoring your education to your own ambitions by designing your own course with one of our Customised Programmes.

At the back of the prospectus, you'll find additional information to help guide your decision about postgraduate study with us - what it's like to live in Scotland's inspiring capital; to learn and advance your career at Edinburgh Napier; our resources, support services and international student provision; how to apply and facts about funding and fees. However, if you are still left with questions please visit our website for further information or contact us.

1 Award

Whether the course is available as a Professional Diploma/PgCert/PgDip/MSc/MA/MBA/MFA or LLM will be listed here.

2 Course title

The name of the course and principal areas of study.

3 Course description

A short description of the course, highlighting key points of interest.

4 Subjects included

An outline of what subjects the course is planned to cover.

5 Entry requirements

The minimum qualification(s) required to gain a place on the course.

6 Career prospects

An outline of possible career paths this course could lead to.

7 Logo

Accrediting organisation; an official or recognised industrial approval. Note: some organisations do not allow us to use their logos, please read the description copy.

8 Attendance icons

These icons show the modes of attendance available and the provision of funded places. For full descriptions see the at-a-glance key overleaf.

Faculty of Engineering,
Computing & Creative Industries

SCHOOL OF ENGINEERING & THE BUILT ENVIRONMENT

1 MSc

2 **Facilities Management**

3 These days, it's no longer enough for business to simply own and run property and other property-based resources. They must be managed economically, efficiently and effectively, so as to provide maximum income or output. This course will train you in the principles and methods of successful facilities management, from technological processes to commercial considerations. You will gain insights and make valuable contacts through industry visits and guest speakers who are current industry practitioners.

Accredited by the Royal Institution of Chartered Surveyors, this internationally-recognised course will provide you with a stepping stone to professional qualifications. Broad-based in its outlook, it caters to students from a wide range of backgrounds who can bring skills from their current disciplines to the field. Whether you are an architect, estate manager, accountant, lawyer, or even hold a degree in Social Sciences, this course could take you that extra step into a fascinating and rewarding career.

Through direct teaching and research, you will learn the principles involved in facilities management. You will develop your ability to analyse, assess and design solutions, and gain an understanding of the business drivers and constraints that influence these solutions. Problem solving skills will be highlighted, as well as effective communication and presentation methods.

Subjects include:

Strategic Management; Facilities Management 1 & 2; Law and Administration; Building Economics; Property Asset Management; MSc Dissertation.

Entry requirements

A recognised honours degree or equivalent, or an alternative qualification and appropriate experience. The course is targeted at a diverse student body. Graduates with a background in the social sciences are encouraged to apply. For international entry requirements see page 177.

Career prospects

You will graduate with the academic component of a professional qualification, ready to take up a position managing property assets for a variety of employers. Through your exposure to industry contacts throughout the course, you will have the opportunity to make contacts that could lead to employment within the industry.



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Web: www.napier.ac.uk/postgraduate

8



At a glance key

We use the following icons on each course page to give you further information at a glance. More detailed information about each course is available on our website: www.napier.ac.uk/postgraduate

FT

Full-time

Full-time learning or research study involves the student in an average of at least 21 hours study per week, including private study and on-campus taught provision, for periods of more than 24 weeks per year.

PT

Part-time

Part-time learning or research study involves the student in less than 21 hours study per week, including private study and/or on-campus taught provision, for periods of less than 24 weeks. Similarly postgraduate students still engaged in the work of the course and supervised but working away from the institution are also classified as part-time.

BL

Blended learning

Blended learning includes a combination of online delivery and face-to-face teaching, support and assessment.

D

Distance learning

Distance learning courses include all those whose modules are delivered through paper-based or online materials. There is a minimal amount of face-to-face teaching and support is provided via email or phone.

Jan

Start date

In addition to our normal September intake and start date these courses have an intake and start date on the month shown.

£

Funding

We expect a limited number of funded places will be available on courses displaying this icon. However, please note that the availability of funded places will not be confirmed until 2011. We advise you to check the latest funding situation when you apply. See page 194 for further information.



FILA

Courses



CU

With more than 100 industry-relevant courses, we offer everything you need to give your career a boost or take it in a new direction. Our options for part-time, distance or customised learning make it easier than ever to ensure that studying complements your busy life and fits in around your current commitments. You can even keep on working while you study. With more than 95 per cent of our postgraduates in work or further study within six months of graduating*, you can be sure your career is in safe hands.

*Destinations of Leavers from Higher Education (DLHE) survey 2008/9.

A hand is shown adjusting a drip chamber on a metal IV stand. A clear plastic bag of fluid is hanging from the stand. The background is a light blue curtain. The word "urses" is overlaid in large white letters across the center of the image.

urses

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Faculty of Engineering, Computing & Creative Industries

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Career Guidance
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Professional

Pr fes



Professional

The Business School is committed to working with individuals and organisations to develop the knowledge, skills and management competencies required in today's rapidly changing business environment. Our relevant, contemporary postgraduate courses recognise the importance of leadership and management practice, the promotion of innovative and entrepreneurial behaviour, and the significance of corporate and social responsibility.

Inside information

The Business School is located at the heart of Scotland's inspiring capital and provides an outstanding teaching and learning environment. As one of the largest Business Schools in Scotland, we offer a wide range of internationally recognised courses leading to awards of Masters and research degrees, including MSc, MPhil, DBA and PhD.

Our state-of-the-art Craiglockhart Campus, home of The Business School, boasts one of the most modern learning environments in Scotland, offering acoustically advanced lecture theatres and multimedia language labs. We are committed to developing and maintaining excellent relationships with regional, national and international partners to provide a relevant and applied business education that will create confident, capable and knowledgeable graduates whilst meeting the needs of the business community.

The Business School is made up of the:

- > School of Accounting, Economics & Statistics
- > School of Management & Law
- > School of Marketing, Tourism & Languages

Industry links

We recognise the importance of maintaining strong links with the corporate community to support and underpin the vocational nature of our provision, participating in networking organisations and forums such as Scottish Enterprise, Quality Scotland and the Chambers of Commerce. The development of corporate learning partnerships and active business advisory groups is designed to further enhance our provision. We also maintain close links

with professional bodies which represent the professional educational needs of corporate clients who are actively consulted in the development of our courses. We are linked to a range of research and consultancy projects commissioned by major organisations including, the Scottish Tourist Board, Scottish Enterprise, Joseph Rowntree Foundation, the NHS, Royal Mail, ESRC, the Department of Transport, the brewing sector, leading financial services organisations, trade unions and the prison service.

Edinburgh Institute

The Edinburgh Institute of Leadership & Management Practice is the commercial, client-facing enterprise within The Business School. Combining applied research and practical solutions, the Institute delivers results through experienced practitioners, consultants and advisors. It brings together businesses and expertise through Institutes of Excellence to build strategic partnerships with global organisations in Scotland, Asia and the Middle East, and adds value through its business advisory and consulting services; executive education; innovative programmes, delivery and accreditation; and personal and professional development. For more information, email:

ei@napier.ac.uk

International collaborations

The Business School is committed to the internationalisation of its courses and this is reflected both in content and delivery. Our international dimension is developed through running educational courses with international partners with a reputation for excellence. These include City University of Hong Kong, Hong Kong University, Institute of Advanced Management (India) and IPAG Nice.

International students are recruited to our domestic courses and have access to an extensive support network designed to ensure that the transition to a different teaching and learning environment is as effective as possible.

In addition, we have a range of staff teaching exchanges and joint research activities with institutions around the world.

Staff expertise

Our staff are committed to developing and applying expertise in a range of business-related areas. An increasing percentage of our staff contribute to research projects and research supervision. Staff draw on their extensive range of experience - both academic and professional - and many staff regularly engage in consultancy and contract research activities. The increasing significance of applied research within The Business School is reflected in our range of cross-disciplinary research (see page 18) and recognised within the 2008 Research Assessment Exercise. Research and scholarship also underpins teaching and course development activity. Staff maintain close links with industry through professional body memberships and Knowledge Transfer Programmes, together with placement and project supervision.

New courses

We continue to offer a variety of contemporary courses in the UK and in collaboration with overseas universities. Our new postgraduate degrees include:

- > MSc Strategic Risk Management & Finance
- > MSc International Business Management
- > MSc International Human Resource Management

Research

Our research has an applied focus and has both national and international relevance. In the 2008 Research Assessment Exercise, 60 per cent of our submitted research for Business and Management Studies was rated as being of either an internationally excellent or international standard. The majority of our research environment and our strong links with the policy and practitioner communities were also identified as being of an international standard.

Research in a range of themed areas is conducted within the two Business School institutes - the Edinburgh Institute of Leadership and Management Practice and the Employment Research Institute. This allows us to deliver courses of study which draw upon leading edge research. Examples of our research activity include:

The Employment Research Institute (ERI) - Our highly regarded ERI carries out applied and theoretical research into the changing nature of work, equalities and employment, and their implications for organisations, individuals and the wider economy, in collaboration with industry, local and central government, and other universities in the UK and Europe. It is concerned with development, labour and international economics, Small and Medium Enterprise development and financial services-related research. For further information on ERI projects, email: eri@napier.ac.uk

The Edinburgh Institute of Leadership and Management Practice (EI) provides the setting for research in the following areas:

Leadership and People Management leads research and consultancy in leadership, workplace learning, HR development issues, management development and learning, HR management and employee relations.

Festival & Events includes research in the areas of socio/cultural impact evaluation, management skills and competences, governance and organisation of mega sporting events as well as marketing and brand management.

Tourism includes research in areas such as heritage and visitor attraction management, World Heritage, cultural tourism and tourism policy.

Hospitality includes research in areas such as part-time employment, the management of hotel and hospitality operations, hospitality students' educational experiences, facilities management and wine studies.

Marketing research interests include brand marketing, market entry strategies and cultural issues in marketing.

Accounting & Financial Services research interests include corporate governance, public sector risk management, social and environmental accounting, international accounting, corporate governance, risk management and corporate citizenship.

International Research includes the work of the EU-China Development & Research Centre which provides research and consultancy services to businesses and public services. The range of projects has included public private partnerships, trade associations, organic food marketing and teaching and learning.

Entrepreneurship research interests include SME start-up issues, best practice in entrepreneurship teaching, selling in an entrepreneurial context, use of micro-credit in small businesses, creativity and innovation in SMEs, female entrepreneurship and student business incubators.

Law research includes both Public Law (including environmental, constitutional, human rights, media and mental health law) and Private Law (including education, business and company law).

The Business School

Academic Profile

Mammed Bagher

MBA Programme Director

Mammed is an academic and a management consultant. His research activities are in Leadership and Organisational Development, Change Management, People Management and Organisational Behaviour.

“Business as usual is no longer an option...”

“In this rapidly changing world, new demands are continually being placed on managers and there’s an increasing need for them to be multi-functional in their approach.

“We’re well aware of the constraints put on individuals and organisations over the last couple of years and recently redesigned the Edinburgh Napier MBA to meet the local and global demands on business. Our MBA meets the current needs of the market and is being continually updated to ensure its relevance.

“For example, we’ve built in more elements of law and made finance elements much more focused on business needs. We don’t want to turn all managers into accountants and lawyers but we do think it is important to make them aware of the constraints on them and of their financial and legal obligations.

“We pride ourselves on having our feet very firmly on the ground and that means putting knowledge into practice is very important to us. We have got to make sure that not only do our MBA students know the ‘what’ but also the ‘how’ and the ‘why’ of managing organisations. Everyone can see problems in a business but it is first finding a solution and then making sure that today’s solution doesn’t become tomorrow’s problem, that is the important factor.

“I run several master classes a year that bring together people from business and commerce and allow them to network and communicate directly with our students. We also have a very active MBA alumni group. The connectivity between all of those elements, as well as our partnership with the Chartered Management Institute, ensures we create effective managers who are prepared for the current challenging business environment.”



The Business School

Edinburgh Napier MBA

to understand
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g world, no
or business
are being
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signal in your
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future

g world, no
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signal in your



FACILITY

MSc

Accounting & Finance

Even if you are not considering a career as a financial manager, most pathways in business will require an ability to use and interpret financial information. This course will give you the knowledge you need to be able to apply accounting principles in a way that enhances business strategies. You will explore the latest theories and current practices, learning to assess them critically.

You will also learn the basic principles of accounting and finance, working in multidisciplinary teams that mirror the business working environment. You will develop critical evaluation skills that will allow you to analyse financial data with the aim of applying it to your area of business. Teamwork skills will also be emphasised, as you work collaboratively with fellow students experienced in a variety of disciplines. Your research and presentation skills will be developed as you prepare your final dissertation.

Guest speakers from the corporate, government and financial worlds add value to this course which is studied for one year full-time or three years part-time.

Subjects include:

Accounting Principles; Corporate Strategy; Financial Management; Research Methods; Dissertation plus three options from Strategic Financial Management; Strategic Management Accounting; Management Accounting; Research Issues or Contemporary Issues in Financial Reporting.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Holders of UK degrees in Accounting will not be admitted to this course. For international entry requirements see page 177.

Career prospects

As one of the top 10 universities in the UK for Graduate Employability (HESA 2009) and Graduate Prospects (The Independent/Complete University Guide and Times Good University Guide, 2009), we can offer you a valuable head start in your chosen career. Previous graduates are currently working in a variety of management positions all over the world.

MSc

Corporate Strategy & Finance

If you are planning on, or currently in, a career in business, an understanding of the principles of corporate strategy and finance will take you further. This course has been designed to address both theory and practice, and will leave you with the tools you need to shape strategic and financial directions within business. No matter what your background, learning business operations that apply to both manufacturing and service organisations in the public or private sector will prove an invaluable boost to your career.

You will learn the skills you need to take up your first appointment in a business organisation, which include accounting, corporate strategy and financial dealings. As well as the theory of these disciplines, you will also learn to put your knowledge into practice: the course features a visit to a business to assess a real-life business problem and offer solutions based on your theoretical knowledge.

This course is one year full-time or three years part-time.

Subjects include:

Accounting Principles; Corporate Strategy; Financial Management; Leading Strategic Change; International Business; Research Methods; Dissertation plus option of Strategic Financial Management, Strategic Management Accounting, Management Accounting, Research Issues or Contemporary Issues in Financial Reporting.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Holders of a UK degree in Accounting will not be admitted to this course. For international entry requirements see page 177.

Career prospects

As one of the top 10 universities in the UK for Graduate Employability (HESA 2009) and Graduate Prospects (The Independent/Complete University Guide and Times Good University Guide, 2009), we can offer you a valuable head start in your chosen career. Previous graduates are currently working in a variety of management positions all over the world.

MSc

International Finance

Designed for students from a wide variety of non-financial disciplines and employment backgrounds, this course combines mathematical and communication skills to offer you a rounded approach to the world of international finance.

As well as communication and presentation skills (vital in this complex industry) you will gain knowledge of accounting practices, statistics, financial management, banking and insurance, plus a thorough overview of the international financial environment. You will graduate with the mathematical and informational analysis skills you need to create a rewarding career in the industry and the means to apply your knowledge of research methods.

Whether you are looking for a role in the provision and management of financial services, or planning to undertake research in the area, this course will equip you with the appropriate theoretical and practical learning. This course is one year full-time.

Subjects include:

Accounting Principles; Statistics, Probability and Risk; Financial Management; Global Finance; Strategic Financial Management; International Banking and Insurance; Research Methods; Dissertation.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Holders of UK degrees in Finance will not be admitted to this course. For specific international entry requirements see page 177.

Career prospects

The world of international finance is a fascinating and lucrative one. This degree will enhance your employability, and open the doors to a global career. You will be eligible for graduate level positions in areas such as banking, insurance and finance.

MSc

Investment Promotion & Economic Development

This course is unique in its content, delivery and accessibility to Investment Promotion and Economic Development professionals worldwide.

We have consulted with Investment Promotion Agencies across the globe, including the World Association of Investment Promotion Agencies (WAIPA), to build an academic programme that provides a specialised knowledge and understanding of the theory and practice of investment promotion, and of its role in economic development. Recent years have seen rapidly increasing international competition in attracting investment resources. At the global level these resources will increasingly be allocated to those areas that can offer the best return to investors, are politically stable, provide high productivity inputs and offer the most attractive investment incentives and the best services.

Almost every country in the world has at least one national investment promotion agency (IPA) and several have sub-national local development agencies whose primary purpose is to seek out, attract and capture the best available investment resources for their development area. There are already hundreds of such organisations worldwide and they appear set to multiply. Competing successfully in an increasingly global business world requires IPA staff with a good understanding of investor needs, with an ability to develop strategies and policies in creating a suitable environment to attract them, and with the necessary skills required to conduct daily operations efficiently and effectively. Our purpose-written study materials allow you to study at home, in your own time and at your own pace. You will attend an intensive Research Methods workshop before undertaking your dissertation.

In addition to an intake in October and in February, this course offers a third start point in June.

Subjects include:

Best Practice Investment Promotion and Evaluation; Regional Economic Planning and Finance; Investment Promotion and Cross-cultural Communication; Business Planning and Financing Direct Investment; Technology and Foreign Direct Investment; Research Methods; Dissertation; Options.

Entry requirements

You must be currently employed in the field of investment promotion or economic development, with a minimum of two years relevant experience and an honours degree (or equivalent). For international entry requirements see page 177.

Career prospects

Graduates will develop a systematic understanding of IPED and a critical awareness of the changing environment within which they operate. As such you will have the proven knowledge, abilities and transferable skills for enhanced career progression and advancement. For further information see: www.master-iped.com

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Web: www.napier.ac.uk/postgraduate



MSc

Professional Banking

This course, developed in partnership with the Chartered Institute of Bankers in Scotland (CIOBS), offers students the opportunity to obtain a Postgraduate Diploma or a Masters qualification along with the professional Chartered Banker qualification of the CIOBS.

In addition, the course offers current Chartered Bankers a route to build on their professional studies and obtain a Masters qualification. Students must successfully complete four modules from the CIOBS Chartered Banker professional programme with two modules from our financial services suite to gain professional qualification and the postgraduate diploma. For the award of MSc, students must also successfully complete a consultancy-based research project.

- > Holders of the CIOBS Chartered Banker qualification are exempt from the four CIOBS modules and will study on a part-time, blended learning basis to complete two Edinburgh Napier modules and the consultancy-based research project to obtain an MSc.
- > Honours graduates can follow a part-time, blended learning or a taught route.

Subjects include:

- > Compulsory modules: Business Banking; Professionalism and Ethics - plus two from: Management Strategy and Leadership; Financial Management; Business Law; Financial Economics and a consultancy-based research project.
- > Options - two from: Strategic Marketing of Financial Services; Managing Risk; International Banking and Insurance; Principles of Financial Regulation; Global Finance; Global Economic Environment.

Entry requirements

A Chartered Banker qualification from the CIOBS or an honours degree in a business discipline or equivalent. For international entry requirements see page 177.

Career prospects

The unique combination of a postgraduate degree and a professional qualification should make holders of the MSc Professional Banking very attractive to organisations in the banking and related sectors in the UK and overseas.

MSc

Strategic Risk Management & Finance

If you're seeking employment in accounting or trying to improve your promotion prospects, this course could put you one step ahead of the competition.

You'll become an independent learner, able to identify and fulfil your learning needs; extend your knowledge and understanding of specialist areas in risk management and finance and improve your critical and analytical abilities. You'll also strengthen transferable skills in communication, teamworking, time management and problem solving.

If you hold a relevant accounting-related degree, this course offers you the opportunity to obtain a Masters, progress your professional studies and gain exemption from the examinations of professional accountancy bodies, such as CIMA. If you also hold a qualification from a UK professional accountancy body (CIMA, ACCA, ICAS, ICAEW, CIPFA and ICAI) or an overseas equivalent, you could enter the course with advanced standing of up to 100 credits.

Subjects include:

Financial Strategy; Risk & Control Systems; Strategic Management; Management of Financial Risk; Performance Measurement, Control & Reward Systems; Option of Project Management for Finance; Contemporary Issues in Financial Reporting or Management Accounting Research Issues; Research Methods; Consultancy-based project/dissertation.

With the full 100 credits advanced standing, you will study: Core module; Project Management for Finance; Contemporary Issues in Financial Reporting or Management Accounting Research Issues; Research Methods; Consultancy-based project/dissertation.

Entry requirements

A relevant accounting-related honours degree at 2.2 or above, or equivalent qualifications and/or experience which demonstrate appropriate knowledge and skills at SCQF level 10. You may be eligible for admission with advanced standing of up to 100 credits if you hold a UK professional accounting qualification (CIMA, ACCA, ICAS, ICAEW, CIPFA or ICAI) or an overseas equivalent.

If English is not your first language, you must have a minimum IELTS of 6.0 with no element below 5.5, or equivalent.

Career prospects

Graduates will have access to a wide range of employment opportunities in industry and commerce. Achieving a Masters while advancing towards a professional qualification will significantly increase your employment prospects. If you are already a qualified accountant, the achievement of a Masters degree combined with your professional qualification will enhance your prospects for further progression in your chosen career and will significantly contribute to your continued professional development.

MSc

Wealth Management

This course allows practitioners within the financial services sector to study for a Masters qualification that is increasingly relevant to their business needs at a time of global change.

Wealth Management is a growth area within the financial services sector and this course is designed to provide its graduates with the knowledge and skills that they require to work effectively in this area.

The course will contribute to your continuing professional development via modules covering various aspects of wealth management; economic, financial and statistical analysis of the financial services environment; and corporate and personal investment decision making within the context of risk assessment.

The course provides you with a range of both knowledge-based and employability skills to enable you to succeed in developing your career within the framework of an increasingly competitive financial services industry.

Subjects include:

Fundamentals of Wealth Management; Fundamentals of Statistical Analysis; Asset Allocation and Capital Markets; Economic and Financial Data Analysis; Personal Financial Risk Management; Investment, Corporate Finance and Portfolios; Research Methods; Dissertation.

Entry requirements

An honours degree at 2:2 or above or other qualifications or experience, demonstrating that you possess appropriate knowledge and skills at SCQF level 10 (see page 188). This course is not suitable for international students requiring a visa as it does not meet Home Office requirements.

Career prospects

Employment opportunities exist within the financial services industry throughout the world, and particularly within the Wealth Management sector towards which this qualification is targeted. Further study could include MPhil, PhD and DBA qualifications.





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Web: www.napier.ac.uk/postgraduate

MBA

The Edinburgh Napier MBA

You may be a recent graduate, in any discipline, looking for a qualification that will lead to a clearer career path. You may have experience in your chosen field and want to enhance your promotion prospects, or convert your years of expertise into a formal qualification. Or perhaps you are looking for a change of career. Whichever applies to you, an MBA could offer you the pathway you need. Designed for students from all walks of life, and commanding a very high level of credibility in almost every line of work, this internationally-recognised qualification will develop your business skills and give you the expertise you need to take on senior roles in major companies or organisations.

You will develop creative problem solving, critical reasoning and strategic thinking and apply these skills to your learning of global economic principles, strategic business issues, organisational management and the realities of the competitive marketplace. Communication techniques, both written and verbal, will also be highlighted, giving you the confidence to present your ideas and strategies to the business world.

You will graduate with business competence, insight and effective management skills, ready to make your mark at the highest level in whichever industry you choose.



Subjects include:

- > Core modules: Creating Competitive Advantage; Organisational Behaviour and Management; Business Economics in a Global Environment; Finance for Management Decision Making; Creativity to Sustainability; Contemporary Issues in Strategic Management; Skills for Managers; MBA Project.
- > You will choose from a range of specialist modules, such as: Human Resource Management; Entrepreneurship; Marketing; Accounting & Finance; International Business; Economics; Operations Management and General Management.

Entry requirements

An honours degree at 2:2 or above or equivalent and at least three years' relevant work experience, preferably from a professional occupation or a management or supervisory role. You may be considered without a degree if you have more than three years experience in a post of administrative responsibility. In this case an interview may be required. For international entry requirements see page 177.

Career prospects

As one of the top 10 universities in the UK for Graduate Employability (HESA 2009) and Graduate Prospects (The Independent/Complete University Guide and Times Good University Guide, 2009), we can offer you a valuable head start in your chosen career. With an MBA qualification, you will be in demand in business, as employers worldwide seek out graduates who have demonstrated their commitment to a higher level of learning. Previous graduates are currently working in a variety of management positions all over the world.



MSc

Business Management

Whether you are contemplating a career in business, or currently working in the field and looking to upgrade your qualifications, this course will give you the tools you need for successful business management. Covering issues that range from creativity in business to global economics and organisational behaviour, it addresses the essentials of modern business and opens doors to increased employment opportunities at a postgraduate level.

The skills needed to succeed in today's business world are varied. You will learn to creatively address the issues of competition and sustainability while acquiring knowledge of the global business and economic environment. We will instil leadership and team development skills, as well as theoretical and practical knowledge of other managerial and organisational methods. You will graduate with an advanced understanding of the complexities of economics and business.

Guest speakers from the corporate, government and financial worlds add value to this one year full-time course, which is updated regularly to reflect current business issues.

Subjects include:

Sources of Competitive Advantage; Global Economic Environment; Behaviour and Management in Organisations; Innovation to Sustainability; Research Methods; Dissertation; Two options from: Leadership, Learning & Development; New Venture Planning; Human Resource Management in International Context; Principles & Practice of Marketing; Intercultural Business Communication; Global Marketing; Practitioner Learning; Personal Skills; Practitioner Learning: Applied Organisational Practices.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Comparable alternative or professional qualifications and experience may also be accepted. In this case, you will be asked to produce a specified piece of work as part of the selection process. For international entry requirements see page 177.

Career prospects

Business is always in need of employees qualified at a postgraduate level. Your enhanced level of skill will equip you for a wide range of managerial positions in the industry of your choice. Banking, insurance and other financial sectors frequently recruit business graduates, or you may prefer to take your knowledge of business principles into a non-finance related area.



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MSc

Business Management (various named routes)

with Entrepreneurship  / with Human Resource Management  / with Marketing

Whether you are contemplating a career in business, or currently working in the field and looking to upgrade your qualifications, this course will give you the tools you need for successful business management, with an added focus on entrepreneurial planning, marketing or Human Resource Management at an international level. Covering issues that range from creativity in business to global economics, new ventures and organisational behaviour, these courses address the essentials of modern business and open doors to increased employment opportunities at a postgraduate level.

The skills needed to succeed in today's business world are varied. You will learn to creatively address the issues of competition and sustainability while acquiring knowledge of the global business and economic environment, plus an understanding of marketing, HRM issues or entrepreneurial thinking and planning methods. We will instil leadership and team development skills, as well as theoretical and practical knowledge of other managerial and organisational methods.

You will graduate with an advanced understanding of the complexities of economics and business. Guest speakers from the corporate, government and financial worlds add value to the courses, which are updated regularly to reflect current business issues.

Subjects include:

The range of module choice will be dependent upon your route and may include Sources of Competitive Advantage; Global Economic Environment; Behaviour and Management in Organisations; Innovation to Sustainability; Leadership, Learning and Development; New Venture Planning; Global Marketing Strategy; Principles & Practice of Marketing; Human Resource Management in International Context; Practitioner Learning: Personal Skills; Practitioner Learning: Applied Organisational Practices; Research Methods; Dissertation.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent; alternative or professional qualifications and experience may be accepted. In this case, you will be asked to produce a specified piece of work as part of the selection process. For international entry requirements see page 177.

Career prospects

Business is always in need of employees qualified at a postgraduate level, particularly those with a demonstrated knowledge of new venture management, HRM or marketing. Your enhanced level of skill will equip you for a wide range of managerial positions in the industry of your choice. Banking, insurance and other financial sectors frequently recruit business graduates, or you may prefer to take your knowledge of business and your specialist subject into a non-finance area.



inspiring leaders

LLM

Criminal Justice

This programme allows you to discover and assess the latest theories and current practices relating to the wider issues of criminal law. You'll develop critical evaluation skills that enable you to compare different approaches to crime management and management of criminals, all within the context of contemporary human rights expectations.

Your research and presentation skills will be honed by the writing of a dissertation on any relevant area of criminal justice.

Subjects include:

Offender Management; International Criminal Law; International and Regional Human Rights Law; Current Issues in Criminal Justice; Dissertation; Option.

Applicants with little or no previous study of law will be required to take the Legal Skills and Research Methods module.

Entry requirements

A recognised honours degree at 2:2 or above or an ordinary degree with distinction, or equivalent. If English is not your first language, you must have a minimum IELTS score of 6.5 or equivalent. For international entry requirements see page 177.

Career prospects

This LLM opens up enhanced career choices in social work, the law, management, the police, local authorities, the civil service, hospital management, charity/voluntary management, research, education, prisons and the probation service.



MSc

Flexibly Managed Programmes

With a flexibly managed programme, you will be able to build your own individual study path within certain parameters to achieve an award at Postgraduate Certificate, Postgraduate Diploma or Masters Degree level. Alternatively, you could choose to study one or two modules for your own personal or professional development. You decide how far to go and can pace your studies to suit your other commitments.

Unique to this course is the opportunity to design your own postgraduate course of study, with the help of an academic adviser. Focusing on your background, aspirations and career goals, you will choose modules from a wide range of business-related subjects to suit your personal or development needs.

You will develop transferable skills such as analysis, synthesis and evaluation which you will apply to the business areas and management disciplines of your own choice.

Subjects include:

You will choose modules from those offered across The Business School. Our dedicated programme software PRISM PG allows you to view the full module catalogue online and identify a structure suitable for your needs, hopes and aspirations:

www2.napier.ac.uk/prism/PrismPG.asp

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Alternative qualifications including professional qualifications may also be acceptable and appropriate work experience will be taken into consideration. For specific international entry requirements please see page 177.

Career prospects

Today, to advance your career in any area, the differentiating factor in the global employment marketplace is an advanced postgraduate education. Whether you want to continue on your chosen career path, or change direction, a Masters degree which you can design to enhance your career development or aspirations will make that difference.

LLM

Health & Social Welfare Law

Health and social welfare law is becoming increasingly important. This course allows you to discover and assess the latest theories and current law which relate to it, all within the context of contemporary human rights expectations. At the same time, you will develop critical evaluation skills that enable you to compare different approaches to these topics and apply them to real life situations.

Your research and presentation skills will be refined by the writing of coursework and a dissertation on any relevant area of health and social welfare law.

We believe this course will appeal to those who work, or wish to work, in an area of the care, protection, management policy and representation of vulnerable persons, including children, the elderly, those who are either physically or mentally ill or those suffering from a disability.

Subjects include:

Disability, Mental Health, Rights and the Law; Medical Law and Ethics; Law and the Elderly; Child Welfare and the Law; Dissertation; Options.

Applicants with little or no previous study of law will be required to take the Legal Skills and Research Methods module.

Entry requirements

A recognised honours degree at 2:2 or above or an ordinary degree with distinction, or equivalent. If English is not your first language, you must have a minimum IELTS score of 6.5 or equivalent. For international entry requirements see page 177.

Career prospects

Students graduating with an LLM may seek to further their careers within the following areas: the health service, the civil service, the European civil service, the legal profession (as solicitor, advocate or barrister) in the UK or elsewhere, politics, journalism, academia, research consultancy, commerce, charities, social work, the police, the probation service, the prison service and legal publishing.

MSc

Human Resource Management

Human Resource Management, or HRM, is accepted as one of the most vital areas of business. Successful people management, effective recruitment and a knowledge of employment law are keystones to the successful running and development of any company, whatever its size. In this course, you will learn the skills involved in realising human potential and wellbeing in employment. Full-time students will apply these skills on an invaluable 15-day industry placement.

You will develop valuable skills in workforce management, from employee selection and performance management to health and rewards, and graduate with an advanced practical and theoretical understanding of employment law and labour relations.

Development of research abilities is also emphasised, and you will learn techniques and strategies that will enable you to critically reflect on your workplace experiences, and create your own ongoing programme of professional development.

This course is studied for one year full-time or two years part-time and is supported by a network of HRM professionals employed in both business and research. Their involvement will give you access to industry and research practitioners who are at the leading edge of policy and theoretical developments in this ever-changing profession. This course was recently re-accredited by the Chartered Institute of Personnel Development (CIPD), receiving ten commendations of good practice.

Subjects include:

People Management and Leadership Practice; The Organisational Context of HR; Employment Law; Employee Resourcing; Learning and Development; Labour Relations, Research Skills and Professional Development; Dissertation.

Entry requirements

A recognised honours degree or equivalent. Comparable alternative or professional qualifications and experience may be accepted but you will be asked to produce a specified piece of work as part of the selection process. All applicants will be interviewed for selection, with all students being required to enrol as student members of the CIPD. Successful completion of the course leads to Graduate Membership of the CIPD. If English is not your first language you must have a minimum IELTS score of 6.5 in all elements or equivalent. For international entry requirements see page 177.

Career prospects

While graduate employment rates vary from year to year, the area of human resource management is one that offers many opportunities, particularly if you are prepared to relocate. Employers often approach the university near the end of the academic year with relevant vacancies. In addition, through the workplace placement, full-time students will have the opportunity to make valuable industry contacts that could lead to employment.

MSc

International Business Management

Whether you are contemplating a career in international business, or currently working and planning to upgrade your qualifications, this course will give you the tools you need to be successful in the international business management arena. Covering issues such as intercultural business communication, competitive advantage, global economics and global marketing, it addresses the essentials of modern international business and opens doors to increased employment opportunities at postgraduate level.

The skills needed to succeed in today's global business environment are varied. You will learn to creatively address the issues of global competition and sustainability while acquiring knowledge of international business and its economic environment. You will graduate with an advanced understanding of the complexities of global economics and international business.

We expect this course to attract an international student body from various countries and cultures. This will provide an excellent opportunity for discussion with your peers, allowing you to acquire and deepen your understanding of the diversity of international approaches to global business challenges. You will be encouraged to reflect on the approach to international business in your own culture/ country and contribute relevant examples in class discussions.

Subjects include:

Sources of Competitive Advantage; Intercultural Business Communication; Global Economic Environment; Global Marketing; Innovation to Sustainability; HRM in an International Context; Research Methods; Dissertation.

Entry requirements

An honours degree at 2.2 or above, or equivalent qualifications and/or experience which demonstrate appropriate knowledge and skills at SCQF level 10. If English is not your first language, you must have a minimum IELTS of 6.0, with no element below 5.5, or equivalent.

Career prospects

In response to the increasing importance of international business management skills and knowledge, this qualification will be increasingly valued by employers worldwide. This course has been developed to enable you to compete in the expanding and increasingly competitive labour market.



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MSc

International Human Resource Management

Interested in a career involving responsibility for the management and leadership of employees in a global environment? Then this course is ideal for you. It will develop your personal and professional skills to enable you to succeed in dynamic and complex international business environments. It will equip you with knowledge and understanding of global perspectives in HRM and prepare you to work in organisations to develop and sustain competitive advantage.

You'll develop an in-depth knowledge of international HRM processes and practices and gain an understanding of international and multicultural business environments and the skills required to manage people in global organisations. You will also develop skills which will enhance your personal effectiveness as a critical thinker and a lifelong, independent learner, encouraging creative and effective approaches to complex management issues.

We expect this course to attract an international student body from various countries and cultures. This will provide an excellent opportunity for discussion with your peers, allowing you to acquire and deepen your understanding of the diversity of international approaches to people management. You will be encouraged to reflect on the approach to HRM in your own culture/country and contribute relevant examples in class discussions.

This course is seeking accreditation from the Chartered Institute of Personnel and Development and has been designed to meet their knowledge requirements for Associate level membership.

Subjects include:

Organisational Context of Human Resource Management; Contemporary Human Resource Management; Intercultural Business Communication; Research Methods; Behaviour & Management in Organisations; International Business; Human Resource Management in an International Context; Dissertation.

Entry requirements

An honours degree at 2.2 or above, or equivalent qualifications and/or experience which demonstrate appropriate knowledge and skills at SCQF level 10. If English is not your first language, you must have a minimum IELTS of 6.0, with no element below 5.5, or equivalent.

Career prospects

In response to the increasing internationalisation of business, and the appreciation of the importance of effective people management, expertise in International Human Resource Management is, and will continue to be, increasingly valued by employers. This new course has been developed to enable our graduates to compete in this expanding labour market.

MSc

Managerial Leadership

In the global, fast-changing business environment, managers need to possess a breadth of vision and range of skills, including that of leadership, to meet the challenges of business life. A managerial leader blends analytical skills and the ability to synthesise solutions to problems and opportunities that give high regard to the importance of the interpersonal elements of modern management.

In any organisation, successful managers need to be able to see the importance of integrating the activities of the various specialist functions that contribute to the achievement of corporate objectives. The aim of this course is to facilitate that breadth of view and openness of thought that makes managers effective team players.

In addition to this, managers need to have the leadership confidence to identify, embrace and implement change within their organisations. The aim of this course is to prepare our graduates to exhibit these qualities.

Subjects include:

Corporate Strategy; Leading Strategic Change; Behaviour and Management in Organisations; Leadership, Learning and Development; Corporate Governance in a Global Society; Managing Risk; Global Marketing; Principles and Practice of Marketing; Research Methods; Dissertation.

Entry requirements

An honours degree at 2:2 or above in business or management or a degree in an alternative discipline plus relevant experience. Applicants who hold a related honours degree with relevant working experience may be considered for entry with advanced standing. For international entry requirements see page 177.

Career prospects

Students are increasingly attracted to more specialist Masters qualifications in preference to generic programmes such as the MBA. This programme meets the demand for a 'niche' qualification that differentiates the holder from the general mass of business graduates.

MSc

Heritage & Cultural Tourism Management

Thanks to its rich history, abundance of heritage attractions and its world-famous festival of the arts, Edinburgh is a Mecca for a rising number of cultural tourists from all over the world - which is why there's no better place to study Heritage & Cultural Tourism Management.

With the number of tourist ventures and operations in and near the city, you will have plenty of options for part-time work and employment after graduation. You will also have the opportunity to learn from within the industry, via an industry project.

This advanced degree will equip you with the knowledge you need to successfully operate a cultural tourism business and devise policies and strategies for the overall industry.

You will develop organisational and business skills that relate particularly to cultural aspects of tourism. Through lectures, guest speakers and case studies, you will develop an advanced understanding of the issues and concepts involved in the industry, as well as marketing practice and heritage considerations. You will learn broad skills, such as formulating policy and planning for the future, as well as developing your abilities in research, time management and presentation methods.

Subjects include:

Tourism Concepts and Issues; Managing Heritage Tourism; Tourism Marketing; Tourism, Society & Visual Culture; Industry Project; Option; Research Methods; Dissertation.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Alternatively, comparable qualifications and experience may be considered. For specific international entry requirements see page 177.

Career prospects

As a tourism graduate from Edinburgh, you will be extremely popular within the industry, whether your career aspirations are local or international. You will find yourself in demand for a variety of senior management roles in various sectors and organisations, including destination development, cultural services management, operations management, tour operators, airlines, public sector organisations, retail and hospitality.

MSc

Intercultural Business Communication

Intercultural Business Communication deals with the study of communication in cross-cultural business contexts. It plays a key role in international business ventures affected by the global economy and world commerce as it cuts across cultural differences between international business partners and clients. While mediating and reconstructing cultures and identities, it accommodates the decisive factors determining success in a commercial relationship.

This course will give you a solid understanding of Intercultural Business Communication and a range of cross-cultural business contexts. You will critically examine issues related to cross-cultural business behaviour, cultural dimensions, critical cultural awareness and training for intercultural sensitivity. You will discuss the works of major intercultural researchers and the critiques they have received in order to contribute to a more widening debate of intercultural theory and research.

The course gives you grounding in the global economic environment and the opportunity to specialise in an area of business. You will also study an in-depth introduction to research methodology appropriate to undertake research at this level. This course has an international outlook and attracts students from a wide range of cultural backgrounds.

Subjects include:

Intercultural Business Communication; Managing Diversity in Organisations, Global Economic Environment; Advertising as Cultural Discourse; Research Methods; Dissertation; Option of Marketing Communications, International Conference Management, Managing Heritage Tourism, Business Skills for Event Management or Corporate Strategy; Option of Global Marketing, Case Studies in International Tourism or International Business.

Entry requirements

A recognised honours degree in any discipline. Alternatively, you may be considered if you have equivalent qualifications and experience. If English is not your first language, you must have a minimum IELTS score of 6.5 or equivalent.

Career prospects

With a postgraduate qualification in Intercultural Business Communication, you could find employment in international business including the tourism industry, international commerce and international marketing, where trained professionals are required to negotiate business ventures with overseas clients and markets. You could also progress to further academic study on a higher research degree.



MSc

Intercultural Business Communication with TESOL

In today's business world English has achieved global status as a common language for communication among people who do not share the same native tongue. As a result, recent years have seen an increasing demand for proficient speakers of English and for highly qualified teachers of English as a foreign language.

An advanced command of English alone does not ensure the success of cross-cultural business ventures. This course understands that cultural differences can create barriers during cross-cultural interaction even when English is used as a common language. It thus combines a systematic approach to Teaching English to Speakers of Other Languages (TESOL) with a solid understanding of Intercultural Business Communication. It involves a critical examination of issues related to English language teaching and learning along with cross-cultural business behaviour, cultural dimensions, critical cultural awareness and training for intercultural sensitivity.

You will learn from both disciplines and develop the necessary skills to mentor colleagues who need cross-cultural training. You will also gain an in-depth introduction to research methodology appropriate to undertake research at this level. This course has an international outlook and attracts students from a wide range of cultural backgrounds.

Subjects include:

Intercultural Business Communication; Introduction to Teaching English as a Foreign Language; Global Economic Environment; Managing Diversity in Organisations; Teaching English as a Foreign Language; Advertising as Cultural Discourse; Research Methods; Dissertation.

Entry requirements

A recognised honours degree in any discipline. Alternatively, you may be considered if you have equivalent qualifications and experience. If English is not your first language, you must have a minimum IELTS score of 6.5 or equivalent.

Career prospects

With a postgraduate qualification in Intercultural Business Communication with TESOL, you could find employment in areas of international business acting as a trainer for colleagues in cross-cultural skills or as a negotiator of international business ventures. Additionally, you could pursue a career in English Language Teaching or progress to further academic study on a higher research degree.

MSc

International Event & Festival Management

Edinburgh is arguably the most famous festival city in the world. Travellers flock to this tourism-friendly city to experience its thriving cultural, seasonal and special events.

Where better to study festival and event management? With our close connections within Edinburgh's festival community, and the number of tourist ventures and operations in and near the city, you will have plenty of options for part-time work and employment after graduation. You will also have the opportunity to learn from within the industry via an industry project.

This higher degree will equip you with the knowledge you need to successfully coordinate and plan international festivals or events, including conferences and devise policies and strategies for the overall industry. You will develop business and marketing skills that relate specifically to the management of large and small-scale events and festivals with an international focus. Through lectures, guest speakers and case studies, you will develop an advanced understanding of the issues and concepts involved in the industry.

You will learn broad skills, such as formulating policy and planning for the future, as well as developing your abilities in research, time management and presentation methods.

Subjects include:

International Conference Management; Business Skills for Event Managers; Tourism Marketing; International Festival and Event Management; Industry Project; Option; Research Methods; Dissertation.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Alternatively, comparable qualifications and experience may be considered. For specific international entry requirements see page 177.

Career prospects

As a graduate in festival and event management from Edinburgh, you will be extremely popular within the industry, whether your career aspirations are local or international. You will find yourself in demand for a variety of senior management roles in various sectors and organisations, including festival management, event management, conference management and public sector organisations.



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MSc

International Marketing

International Marketing with Tourism & Events

Our international marketing courses offer you the rare opportunity to study in two of the most beautiful cities in the world - Edinburgh and Nice. You will study at Edinburgh Napier University with an option to spend trimester 2 at the IPAG Business School in the centre of Nice, France.

This gives you the excellent opportunity to live, study and socialise in two different cultures with equally prestigious reputations.

International marketing is an increasingly important area of business as companies strive to grow globally. As well as learning the basic principles of marketing, you will develop an appreciation of its practice in a truly global environment. You will learn alongside other international students and be taught entirely in English, so you don't need to speak French to apply.

Your third trimester can be based in either Edinburgh or Nice and there may also be further opportunities to gain work experience in Nice as IPAG offer internships after the completion of trimester two.

You will develop organisational and business skills as well as an understanding of strategic marketing, brand management theories, intercultural communication, and the ability to develop marketing plans. You will also gain transferable skills, such as formulating policy and project management, research, time management and presentation methods.

The Tourism & Events route shares most of its content with the MSc in International Marketing, but allows you to specialise by studying some modules in tourism or event management.

Subjects include:

Principles & Practices of Marketing; Intercultural Business Communication; Consumer Behaviour or Tourism Concepts & Issues; Strategic Brand Management; Global Marketing; Research Methods; Dissertation; Optional Marketing or Tourism and Events modules.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Alternatively, comparable qualifications and experience may be considered. For specific international entry requirements see page 177.

Career prospects

These courses will give you excellent career prospects in a number of marketing careers including at management level. The experience of studying in a global context can open up many more marketing career options to you around the world.

MSc

International Tourism Management

With its high profile history, attractions, and world-famous festival, Edinburgh attracts visitors from all over the world. Tourism-based businesses flourish here, many of them with international connections - which is why there's no better place to study tourism management.

With the number of tourist ventures and operations in and near the city, you will have plenty of options for part-time work and employment after graduation. You will also have the opportunity to learn from within the industry, via an industry project.

This higher degree will equip you with the knowledge you need to successfully operate or be employed in an international tourism business in the UK or elsewhere and devise sustainable policies and strategies for the overall industry.

You will develop organisational and business skills that take into account the diversity of cultures involved in developing and managing international tourism. Through lectures, guest speakers and case studies, you will develop an advanced understanding of the issues and concepts involved in international tourism development, as well as marketing practice and heritage considerations around the world.

You will learn broad skills, such as formulating policy and planning for the future, as well as developing your abilities in research, time management and presentation methods.

Subjects include:

Tourism Concepts and Issues; Managing Heritage Tourism; Tourism Marketing; Case Studies in International Tourism; Industry Project; Option; Research Methods; Dissertation.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Alternatively, comparable qualifications and experience may be considered. For specific international entry requirements see page 177.

Career prospects

As a tourism graduate from Edinburgh, you will be extremely popular within the industry, whether your career aspirations are local or international. You will find yourself in demand for a variety of senior management roles in various sectors and organisations, including destination development, visitor services management, operations management, tour operators, airlines, public sector organisations, retail and hospitality.



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MSc

Marketing

A career in marketing can take you into almost any sector of business, and into workplaces all over the world. With an understanding of consumer behaviour and effective communication techniques, you will be able to help guide businesses towards commercial success. This one-year course introduces you to the theories and principles of marketing, and then presents them in practical applications based on real business scenarios. It's an effective combination of teaching styles, and one that has resulted in increased employment opportunities for many of our previous students.

Marketing requires a wide range of skills. You will learn to think analytically and critically examine the issues confronting the global business environment. Academic quantitative and qualitative research skills and presentation techniques will be developed and you will understand how to develop brands in the global marketplace. You will also benefit from our strong links within the marketing industry with guest speakers.

We also have good links with industry bodies including the Chartered Institute of Marketing and the Institute of Direct Marketing, which add further credibility to the course.

Subjects include:

Principles and Practices of Marketing; Marketing Communications; Consumer Behaviour; Research Methods; Strategic Brand Management; Global Marketing; New Venture Planning; Dissertation; Option of Direct and Digital Marketing; Market Analysis and Forecasting or International Festival and Events Management.

Entry requirements

A recognised honours degree at 2:2 or above. Alternatively a non-honours degree plus a minimum of two years relevant work experience will be considered. An HND with a minimum of five years relevant work experience may also be accepted after interview. For international entry requirements see page 177.

Career prospects

The scope of marketing employment opportunities is extremely wide. Most businesses recognise the need for a marketing function and positions constantly arise in a variety of areas worldwide, as diverse as finance, law, health, charities, tourism and government. Your qualification could lead to a marketing role in advertising, brand management, information technology or market research.

MSc

Marketing with Festival & Event Management

A career in marketing can take you into almost any sector of business, and into workplaces all over the world. You'll be able to make a vital contribution to commercial success in both the private and the public sector. This course is particularly oriented to those who wish to combine the key principles and practice of Marketing with a specialisation in the management of festivals and events.

You'll benefit from our strong links within the marketing, advertising, festival and event industries all over the world, with guest speakers, industry links and, of course, the opportunity to immerse yourself in marketing practice within one of the most famous festival cities in the world.

You'll learn to think analytically and critically examine the issues confronting your chosen specialism. Presentation techniques will be developed alongside the ability to evaluate and formulate plans for advertising, consumers and for festivals and events.

Subjects include:

Principles and Practice of Marketing; Research Methods; Dissertation. Other module choices will depend on specialism chosen but could include: International Conference Management; Marketing Communications; Consumer Behaviour; Strategic Brand Management; International Festival and Event Management; Direct and Digital Marketing; Global Marketing; New Venture Planning.

Entry requirements

An honours degree, with a minimum 2:2 classification. Alternatively a degree plus a minimum of two years relevant work experience or an HND with a minimum of five years relevant work experience (an interview will be necessary). For international entry requirements see page 177.

Career prospects

The scope of marketing employment opportunities is extremely wide. Most businesses recognise the need for a marketing function and positions constantly arise in a variety of positions worldwide including:

- > brand management
- > event planning and organisation
- > market research
- > public sector organisations.

MSc

Tourism & Hospitality Management

With its high profile history and attractions, and world-famous festivals, Edinburgh is a Mecca for travellers and tourists from all over the world. Hospitality-based businesses flourish here, many of them with international connections - which is why there's no better place to study tourism and hospitality management. With the number of tourist ventures and operations in and near the city, you will have plenty of options for part-time work and employment after graduation. You will also have the opportunity to learn from within the industry, via an industry project.

This higher degree will equip you with the knowledge you need to successfully operate an international tourism business while integrating hospitality management skills. You will develop organisational and business management skills that are relevant to hospitality and tourism organisations. Through lectures, guest speakers and case studies, you will develop an advanced understanding of the issues and concepts involved in creating successful hospitality and tourism experiences.

You will learn broad skills, such as formulating policy and planning for the future, as well as developing your abilities in research, time management and presentation methods.

Subjects include:

Tourism Concepts and Issues; Management of Hospitality Operations; Tourism Marketing; Contemporary Issues in Hospitality Management; Industry Project; Option; Research Methods; Dissertation.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Alternative comparable qualifications and experience may be considered. For specific international entry requirements see page 177.

Career prospects

As a hospitality and tourism graduate from Edinburgh, you will be extremely popular within the industry, whether your career aspirations are local or international. You will find yourself in demand for a variety of senior management roles in various sectors and organisations, including destination development, visitor services management, operations management, tour operators, airlines, public sector organisations, retail and hospitality.

MSc

Tourism Marketing Management

With its high profile history, attractions and world-famous festivals, Edinburgh is a Mecca for travellers and tourists from all over the world. Tourism-based businesses flourish here, many of them with international connections - which is why there's no better place to study tourism marketing. With the number of tourist ventures and operations in and near the city, you will have plenty of options for part-time work and employment after graduation. You will also have the opportunity to learn from within the industry, via an industry project.

The Tourism Marketing Management degree will equip you with the knowledge you need to successfully market tourism destinations and products. You will develop organisational and business skills that focus on the marketing aspects and implications of tourism. Through lectures, guest speakers and case studies, you will develop an advanced understanding of the issues and concepts involved in marketing tourism products and experiences.

You will learn broad skills, such as formulating policy and planning for the future, as well as developing your abilities in research, time management and presentation methods.

Subjects include:

Tourism Concepts and Issues; Managing Heritage Tourism; Tourism Marketing; Global Marketing; Industry Project; Option; Research Methods; Dissertation.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. Alternatively, comparable qualifications and experience may be considered. For specific international entry requirements see page 177.

Career prospects

As a tourism graduate from Edinburgh, you will be extremely popular within the industry, whether your career aspirations are local or international. You will find yourself in demand for a variety of senior management roles in various sectors and organisations, including destination development, visitor services management, operations management, tour operators, airlines, public sector organisations, retail and hospitality.



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The Business School

Student Profile

Christian Liedgens

Düsseldorf, Germany

MSc Marketing

Christian has combined sports and marketing by working on the case study of an Edinburgh golf club, using their live data to research and write his dissertation.

“Edinburgh is just the perfect city to study in...”

“Before joining Edinburgh Napier, I'd done an apprenticeship in a big advertising agency in Germany, studied Business Administration with a focus on marketing and did several internships – event management in Frankfurt, brand communication in Sydney and innovation marketing at BMW in Munich. My entire education had been focussed on the field of marketing.

“To top this process off, I wanted to do a Masters abroad because I had loved the experience of my internship in Sydney. In contrast to the other universities in the city, Edinburgh Napier offers a range of marketing courses and I chose MSc Marketing for a more diverse theoretical marketing background.

“Personally, I think the different approach to studying between Germany and Britain has been very beneficial. The clear benefit is the fact that I can get my Masters within a year whereas it would take two years in Germany. Studying

abroad always looks good on the CV and good English skills are vital in today's business life. Therefore, Edinburgh Napier allows me to get the degree in half the time with additional bonuses.

“Further benefits are the very modern facilities at Craiglockhart, the open and friendly lecturers and the good support in every detail of university life. The large number of international students is making my time at Edinburgh Napier extremely interesting and we receive a huge amount of support if needed.

“I would recommend Edinburgh Napier simply because I've had a great year. Edinburgh is just the perfect city to study at. It's a real student city with lots to offer students and it's the perfect size to offer every advantage of a big city but still small enough not to get lost in!”



Vision

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Our Faculty of Engineering, Computing & Creative Industries has three schools, each with a different specialism, but the same common objective - to put you in close contact with industry. When you study here, you'll gain first-hand experience of the world in which ultimately you will be working.

Inside information

We maintain a network of links with industries and professional bodies, and win awards for knowledge transfer work. Courses combine a balance of practical experience with theoretical knowledge of the subject.

Our students benefit from a broad range of academic analysis, content and practical guidance, making our postgraduate courses innovative and up-to-date.

The Faculty of Engineering, Computing & Creative Industries is made up of:

- > School of Arts & Creative Industries
- > School of Computing
- > School of Engineering & the Built Environment

Pioneering research

- > RM Logic: A faculty spin out company from the School of Engineering & the Built Environment was the recent winner of a SMART SCOTLAND award. RM Logic will use the award to commercialise ECAD tools for the automated synthesis and optimisation of digital designs with the aim of producing simpler, cheaper and more efficient integrated circuits for the electronic industry - Prof Abid Almaini.
- > Scottish Integrated Research in Timber: In collaboration with Glasgow University and Forest Research this integrated four-year project was awarded £1.5m from the Scottish Funding Council - Prof Philip Turner.
- > The SEEK project: A consortium of two US federally funded agencies, five US universities and the School of Computing to make fundamental improvements in data access and tools for ecological modellers worldwide - Prof Jessie Kennedy.

- > CardioDigital: A faculty spin out company formed in 2001 for the commercialisation and development of pioneering work in the use of time-frequency decomposition techniques in medical signal analysis. Equity based investment from the Wellcome Trust has allowed the company to expand its portfolio and engage in dedicated research programmes involving the analysis of ventricular fibrillation, pulse oximetry signals, atrial fibrillation and remotely sensed neonatal heart sounds - Prof Paul Addison.

International collaboration

The faculty has a successful record in innovative international collaborations, such as the EU-funded 'Journeyman' virtual film school, resulting in a plethora of award-winning short films. In 2004 the Ian Tomlin School of Music (part of the School of Arts & Creative Industries) hosted the Emmy award-winning composer Hummie Mann's Pacific North West Film Scoring School.

Staff expertise

Expert services are provided to industry by staff and can include some participation by postgraduate students, providing them with valuable experience. An example of the type of consultancy was the £750,000 Robust Standard Details project to establish, through sound insulation testing on sites, a 'pattern book' of Robust Details to meet Part E of the Building Regulations (England and Wales).

The Details were required to be designed, tested and formulated for submission to the Office of the Deputy Prime Minister and the Building Regulations Advisory Committee. The project involved extensive coordination of construction sites across the UK, involving over 1,000 dwellings and the coordination of 15 consultancy firms, who were subcontracted to undertake the testing. This is the largest research project ever undertaken by the house building industry and involved over 350 building and manufacturing organisations.

Knowledge transfer

Knowledge transfer between the University and industry, commerce and other branches of society now forms a significant part of our activities. Knowledge Transfer Partnerships enable universities to apply their wealth of knowledge and expertise to important business problems.

The faculty has an enviable track record in the success of its Knowledge Transfer Partnerships. Each year seven of the 1,000 Government-funded programmes in the UK, are selected for the coveted Knowledge Transfer Partnership Award, and programmes involving the faculty have been selected for an award over the past four years. Recent examples include:

- > Proctor Group: research has been carried out on the development of acoustic products followed by a second programme to increase the company's strategic use of IT.
- > SFX Technologies: research will be undertaken into the use of new materials and designs for gel audio transducers for the laptop and TV markets.
- > Action Scaffolding: research will be undertaken into the development of automatic analysis and design software for scaffolding systems.
- > Technical Fibre Products: researching the development of non-woven conductive fibres to enhance lightning strike and electromagnetic protection in composite aircraft components.
- > Johnson & Johnson: seeks to develop and embed a capability for automated suture assembly that will improve quality, remove the requirement for manual inspection, reduce labour costs and increase capacity.
- > Oregon Timber Frame: research has been undertaken to optimise the use of timber platform frames for domestic dwelling construction.

Other examples include working with NCR on the next generation of ATMs - looking at personalisation and biometrics.



Research

We carry out research and knowledge transfer through six research institutes including 27 centres. Our activities extend across three major thematic areas: Cultural & Creative Industries, Informatics and Infrastructure, with internationally renowned centres in Building Performance, Energy, Film, Teledemocracy, Timber Engineering and Transport.

For further information, visit: www.napier.ac.uk/randkt

Institute for Creative Industries (ICI)

The Arts and Creative Industries are key economic drivers and our work focuses on Scottish Enterprise's priority sectors - digital media and markets, broadcast, new media and content creation. As Scotland's largest centre of excellence in professional screen and media skills, our experienced and knowledgeable staff work in partnership with industry to provide reliable, relevant consultation, advice and policy guidance in design, media, culture, literature and music. We offer technical resources and facilities, such as virtual and physical modelling and prototyping, and even have a specialised publishing imprint. The Institute has seven research centres:

- > Scottish Centre for the Book
- > Centre and Literature and Writing
- > Centre for Media and Culture
- > Edinburgh Skillset Screen and Media Academy
- > Sonic Fusion Research Centre
- > Screen Media Research Centre
- > Centre for Design Practice.

Forest Products Research Institute (FPRI)

We support world-class innovation in the forest industry and promote high value timber applications. Our work includes understanding the structure and biopolymer composition of plants and trees; developing methods to extract, separate, refine and process cell wall components into new, high-value biopolymer-based materials; supporting traditional forest products such as sawmilling, pulp and paper; addressing issues such

as wood protection, coating and modification; studying the impact of the environment, age, genetics and management regime on wood properties and the use of timber and timber products as composite materials in construction and creative building design. We work closely with UK, European and North American universities, the Forestry Commission and leading forest products companies. The Institute includes:

- > Centre for Plant Science & Biopolymer Research
- > Centre for Timber Engineering
- > Centre for Wood Science & Technology
- > The Wood Studio.

Institute for Informatics and Digital Innovation (IIDi)

Providing practical advice and solutions on a diverse range of difficult, real-world problems, our experience includes areas as diverse as biology, business and finance, energy, government, healthcare, policing and transportation:

- > information visualisation and analysis, data cleaning, next generation web systems, software reuse and component systems
- > interaction design and evaluation of human-computer systems, integration of technology into the workplace and home, biometrics and e-democracy
- > optimisation, routing and scheduling, wireless networks, security and digital forensics.

Our pioneering work has generated a number of patents and won several awards. The Institute has the following five research centres:

- > Centre for Distributed Computing and Security
- > Emergent Computing
- > Information and Software Systems
- > Interaction Design
- > Centre for Social Informatics.

Institute for Product Design & Manufacture (IPDM)

Building on a foundation of more than 20 years of service to engineering businesses, we support companies involved in:

- > innovation and product development
- > high technology electronics manufacturing and design research
- > advanced engineering materials.

Through direct technical support, expert interpretation and business-to-business collaboration, the Institute offers prototyping services, design for manufacture expertise, materials evaluation, product realisation, validation to European standards, testing and compliance. There are three research centres within the Institute:

- > Advanced Materials Research Centre
- > Centre for Electronic Manufacturing Services
- > Electronic Design Technology Centre.

Institute for Sustainable Construction (ISC)

Comprising several of Scotland's leading built environment research centres, we work with key organisations across the construction industry. Our expertise includes low-carbon built environment solutions, energy efficient designs, sustainable building performance and micro-renewable technologies; as well as the world-leading research and consultancy in building acoustics. Our expert staff serve on national

and international standards committees and the Building Performance Centre has contributed to the development of innovative regulatory frameworks for construction through the Robust Standard Details project. There are seven research centres within the institute:

- > Building Performance Centre (BPC)
- > Centre for Sustainable Communities
- > Centre for Geotechnics
- > Centre for Regeneration and Reuse of Buildings
- > Centre for Offsite Construction and Innovative Structures
- > Centre for Infrastructure Research
- > Scottish Energy Centre.

Transport Research Institute (TRI)

Established in 1996, the Transport Research Institute (TRI) is internationally recognised for the high quality of its multidisciplinary transport research and consultancy. Our expertise includes:

- > transport economics and policy
- > road safety and driver behaviour
- > maritime economics and international logistics
- > rural transport
- > network modelling and optimisation
- > accessibility
- > traffic engineering
- > taxi economics and regulation.

Recent projects have included:

- > enhancing rural access to employment
- > wireless futures in transport and infra-red pedestrian flow monitoring
- > the financial feasibility of offshore gas production and transport technology, motorways of the sea
- > taxi supply modelling for the Irish government.

Faculty of Engineering, Computing & Creative Industries

Academic Profile

Courtney McLeod

MA Journalism Programme Leader

Courtney is a former news presenter and reporter for ITV and has also been Head of News at a local radio station. Now a broadcast journalism lecturer, her research interests include media convergence issues and developing innovative teaching methods to enhance employability.

“We don’t play catch up with industry, our graduates leave one step ahead...”

“Journalism is evolving at an accelerated rate. Media convergence and new technologies mean today’s journalists need to find and tell stories to different audiences in different ways. Despite these changes, many aspects of journalism remain the same. It is the art of storytelling, with creative writing and a passion for the audience. It also requires a confident understanding of the role journalists play in a healthy democracy, and how news coverage fits within legal and ethical frameworks.

“Our programme is a careful mix of traditional and cutting edge elements. Importantly, it balances theory with practice and covers all news platforms - print, magazine, television, radio and online. We’re the only MA Journalism course in Scotland to be accredited by both the Broadcast Journalism Training Council and the Periodical Training Council. This proves our excellence at teaching all forms of journalism and our absolute commitment to producing fully converged journalists.

“We don’t consider ourselves simply linked to the industry - we’re an intrinsic part of it. Our students constantly contribute news to the ‘real world’ and employers work with us designing the course and developing talent. The programme is under constant review and changes are introduced so we’re ahead of developments - we don’t play catch up with industry, our graduates leave one step ahead.

“Key strengths include high quality newsrooms and studios and the calibre of the teaching team - a glittering collection of professionals; all passionate about journalism and innovative teaching. Our students leave with more than the ability to hit the ground running - they leave with the skill and attributes to lead in a rapidly changing industry. There has never been a more exciting, or more important time, to become a journalist.

“Edinburgh Napier has a long standing reputation for excellence teaching journalism, but our reputation doesn’t rest on what we have achieved in the past. It is dependent upon what we do in the future and the quality of the journalists we continue to provide to the industry.”



MFA

Advanced Film Practice

Are you an ambitious, talented and driven film director, producer or writer, looking to make the leap from student to professional filmmaking? Or perhaps you've been making high quality films for broadcasters, the internet or the corporate or semi-professional world and have always wanted to work on the big screen?

This one year course gives you the chance to develop, produce and complete a short cinema film to professional standards. In parallel with this you will develop your creative and professional skills through practical exercises and regular master classes with leading industry practitioners. Past sessions have featured director Michael Radford, director of photography Seamus McGarvey and producer Andrew Macdonald.

You will be working in an attractive filmmaking hub in the culturally vibrant city of Edinburgh. We offer great scope for collaboration, with more than 200 students engaged in film activities - from cinematography and editing to documentary and animation.

You will have access to a complete range of professional production and post production equipment, including HDCam, Super 16mm, Avid, Final Cut Pro, Pro-Tools and a fully equipped dubbing facility. You can also draw on one-to-one support from tutors who are themselves writers, producers and directors in the industry.

Subjects include:

Critical and Creative Practice; Professional Practice; Project Development and Preproduction; Project Production and Postproduction.

Entry requirements

Ideally, an MA in a film-related discipline. Alternatively, you may have equivalent professional or semi-professional experience. You will also be required to submit a portfolio of your work. For international entry requirements please see page 177.

Career prospects

While career opportunities can be difficult to come by in this industry, this course maximises your chances of success. Your qualification carries Skillset Screen Academy status, one of only a very few in the UK - giving us and our graduates a well-regarded credibility in the industry. You will meet and work with industry practitioners, building contacts and networks that will help form the basis of a potential career.

Our graduates' films have screened at festivals throughout the world including Edinburgh, Venice and Kolkata and many of our alumni go on to pick up prestigious awards and commissions after they complete the course.



MSc

Creative Advertising

The dynamic world of advertising is fuelled by creative ideas and this course - the only one of its kind in Scotland - will prepare you for the challenges of a highly competitive, creative agency environment. Designed in close collaboration with the Institute of Practitioners in Advertising, the course features master classes by senior advertising professionals and a two week agency placement. You will develop your creative skills, learn the theories behind advertising, and make contacts that will help you to break into the industry.

With its creative focus, this course gives you the chance to respond to real advertising briefs that challenge your conceptual skills. You will learn the best way to present your ideas and how to work collaboratively and individually as you create advertising across a variety of media, including print, TV, radio, outdoor and online.

Your critical evaluation skills will also be developed as you explore the theories behind successful advertising campaigns and critique your own and others' work. You will also gain valuable real-world experience in your agency placement, as you learn to meet deadlines and communicate effectively with colleagues and clients.

This course is studied full-time over one year or part-time over two years.

Subjects include:

Writing and Visualising Advertisements; Theory and Contexts of Advertising Communication; Creative Toolkit; Campaign Creation; Digital Creative; Advertising Agency Placement; Dissertation.

Entry requirements

An honours degree or the equivalent in professional experience. You will be asked to undertake a copy test and if successful will also be required to attend an interview.

Students based outside the UK will be offered a telephone interview. If English is not your first language, you must have a minimum IELTS score of 7.0 or equivalent or substantial experience using English as your working language. For international entry requirements see page 177.

Career prospects

Competition is fierce in the advertising industry. While a qualification is no guarantee of employment, this course will give you a head start in your chosen career. Creative directors and other senior industry professionals have a strong interest in the course and are keen to find new talent. Your agency placement will expose you to employers and generate a valuable set of creative ideas that will enhance your portfolio.

Recent graduates have developed interests not only in creative careers but also in planning, account management and media planning/ buying - 75 per cent of graduates have found work in the advertising industry.

MA

Creative Writing

If you want to make a career in writing, this course is for you. You already have the talent and ideas - we will add the knowledge you need to approach your chosen market with confidence, originality and skill.

This course takes a fresh approach to the training and support of aspiring writers, focusing on three key areas: narrative technique, vocational skills and cultural context. Uniquely, the course also offers a dynamic range of cross-disciplinary options and commercial specialisms, including screenwriting, writing for games and interactive media, graphic fiction and genre fiction.

The development of your own creative work will receive ongoing attention, with regular one-to-one monitoring sessions. You'll also learn a variety of professional skills, including editing, reviewing, adaptation, abridgement and collaborative working.

The course will host an exciting programme of lectures and master classes from award-winning visiting writers and high-profile industry experts as well as providing valuable informal networking opportunities. This course can be studied full-time over one year or part-time over two years.

Subjects include:

Creating Narrative; Theory and Innovation; Life Writing; Beyond Narrative; Theory and Authorship; Specialist option (Writing for Graphic Novels; Writing Genre Fiction; Writing for Games and Interactive Media; Screenwriting or Life Writing and Creative Non-Fiction); Masters Project or Dissertation.

Entry requirements

An undergraduate degree in any discipline is desirable. Alternatively, relevant experience will be taken into account. You will be asked to submit a sample of writing and attend an interview. Students based outside the UK will be offered a telephone interview. A high level of spoken and written English is required. If English is not your first language, you must have a minimum IELTS score of 7.0 or equivalent. For international entry requirements see page 177.

Career prospects

Writing is a freelance occupation in an extremely competitive field. The combination of intensive creative development, vocational training and industry knowledge offered by this course will give you a head start on the path to publication, as well as opening up a variety of career opportunities across the cultural and media sectors.

MA

Film

Are you an ambitious, talented, graduate filmmaker keen to take your studies further in your chosen specialist area? We are looking for students with a BA Film or a related discipline, and a significant amount of practical filmmaking under their belt already, who want to bring their experience up to the standard expected for entry into the professional industry.

You will apply to this course as a specialist in one of the following disciplines: directing, cinematography, editing or sound. Teaching is through a combination of collaborative, shared modules geared to each individual discipline. Coursework consists of a large number of practical exercises and projects that allow students to deepen their own technical, creative and professional filmmaking skills. Your work will culminate in a major project module in which you will work, in your chosen discipline, on one or more short fiction films.

Screen Academy Scotland is an active filmmaking hub in the culturally vibrant city of Edinburgh. It offers great scope for collaboration, with around 200 students at undergraduate and postgraduate level engaged in diverse film activities. Students at the Screen Academy have access to a complete range of professional production and post-production equipment, including HDCam, Super 16mm, Avid, Final Cut Pro, Pro-Tools and a fully equipped dubbing facility. You can also draw on support from tutors who themselves have significant experience in the industry.

Subjects include:

Collaborative Techniques in Film 1 & 2; Camera for Film and Television; Editing for Film and Television; Screen Sound 1 & 2; Drama Directing for Film and Television; Script Workshop 1; Cinematography; Advanced Post Production; Film Directing; Masters Film Project.

Entry requirements

A BA, BSc or equivalent, plus a portfolio.

Career prospects

The film industry is very competitive and opportunities are limited. However the emphasis this course puts on professional skills will help maximise your chances of success. Screen Academy Scotland is one of only three Screen and Media Academies in the UK accredited by Skillset, the film industry's skills body, giving us and our graduates significant credibility in the industry. Screen Academy graduates have had their films screened at festivals in cities around the world, including Venice, Beijing, Kolkata and Edinburgh. Many have gone on to win awards and commissions for TV and feature film projects following graduation.



Tel: 08452 60 60 40 / +44 (0) 131 455 2801
Web: www.napier.ac.uk/postgraduate



MDes

Interaction Design

Interaction Design is one of the newest and fastest growing areas of design in the world. Emerging technological developments in computing, electronics, engineering and manufacturing now offer designers a multitude of exciting opportunities.

This innovative studio-based course deals with how we interact with products, environments, services and systems. It explores the aesthetic and functional potential of new technologies by experimenting with materials, by imagining new services, products and systems and considering how they might contribute to existing social, cultural, economic and technological infrastructures.

The course covers multidisciplinary skills and approaches in the planning, conception, design, and implementation of design interventions to meet human needs and wishes. These range from user research to concept generation, from hands-on prototyping to manufacture and marketing.

Topics studied in trimesters 2 and 3 are left open, allowing you to propose projects and a dissertation tailored to your own personal interests and future plans.

Subjects include:

Sketching in Hardware & Software; Design Contextualisation; Design Research Methods; Minor Design Project; Major Design Project Part 1 & 2; Design Dissertation.

Entry requirements

An honours degree in a related discipline, such as art, social science, engineering, computing or business. All candidates with relevant interests or career paths will be considered, regardless of their qualifications, on an individual basis. You will also be required to submit a portfolio of design work. For specific international entry requirements please see page 177.

Career prospects

Graduates from this programme will go on to work in areas such as interaction design, product design, design consultancy, product engineering and digital business.

MA

Interactive Entertainment

This course is ideal for those who want to develop valuable intellectual properties for the burgeoning Games and Interactive Media sector. The emphasis is upon writing and prototyping emerging dramatic forms. The course provides you with the rare opportunity to design story-led interactive entertainment, prototype it for multi-platform (web, smart phone, console or public screens) and prepare business cases to support its funding, production and distribution. Overall, you will gain a solid grounding in the practice, theory and context of digital media development for entertainment, information, marketing, lifestyle, health and educational applications.

This course is ideal for screenwriters, designers, authors, animators, programmers, journalists, computer games managers and musicians etc. It suits anyone with an eye for innovation, business and creating the Digital Media content of the future. Practitioners from traditional media can update their knowledge, understanding and skills for this sector.

The core modules on Writing for Interactive Media, Concept Development and Entrepreneurship are also available as stand-alone professional development opportunities.

Subjects include:

Writing and Concept Design for Games and Interactive Media 1 & 2 (Adaptations); Entrepreneurship for Creative Industries 1 & 2 (Emerging Markets); Digital Narrative; Prototyping Interactive Media; Interactive Media Major Project.

Entry requirements

An undergraduate degree in a related discipline is desirable. Relevant professional experience will be taken into account. You will be asked to attend an interview and may be asked to submit a sample of creative and/or entrepreneurial work. If you are based outside the UK, you will be offered a telephone interview. A high level of spoken and written English is required. For specific international entry requirements please see page 177.

Career prospects

This course is ideal for aspiring digital media professionals who want to set up their own company or work for established companies. Students of the predecessor to this course have found work in Computer Games, Digital Media Business, Marketing, Advertising, Multi-Platform Broadcasting, Interaction Design and Computing. An alternative route may be taken towards research at PhD level.

MDes

Interdisciplinary Design

Ideas and influences come from everywhere – so why limit yourself to one discipline as a designer? This course will encourage you to experiment in and explore the world of design through a wide range of areas – from fine art and engineering to social science and computing.

By drawing on techniques and influences from the schools and courses that surround you and experiencing the many different forms of creativity that each of these involve, you will develop a personal style that reflects your interests. Whether you choose to express this through product design, architecture, interactive design or any other form, the aim is to create uniqueness in both concept and form.

The creative skills you will learn will depend on your interests, and the disciplines from which you draw your inspiration. Visiting speakers and guest lecturers, successful practitioners from industries as diverse as fashion design, computing and architecture, will open doors to a wealth of creative techniques and thought processes. In a general sense, you will learn to place design in a business context, and develop analytical and critical thinking in relation to both your work and that of others. Research, conceptualisation and evaluation skills will also be taught, along with an understanding of relevant industry standards, with the aim of preparing you for real-world situations and opportunities to present your work. This course is studied full-time over one year.

Subjects include:

Design Management; Design Contextualisation; Design Research Methods; Minor Design Project; Major Design Project Part 1 & 2; Design Dissertation.

Entry requirements

An honours degree in a related discipline, such as art, social science, engineering, computing or business. However, all candidates with relevant interests or career paths will be considered, regardless of their qualifications, on an individual basis. You will also be required to submit a portfolio of design work. For international entry requirements see page 177.

Career prospects

As a designer, you will have the choice of working independently or in an organisation. More and more employers are recognising the value of creative thinking and good design. Depending on your creative focus, and the skills you have acquired, you may find yourself employed as a designer or conceptual thinker in areas such as design, advertising, business, management, engineering, architecture or computing.

MDes

Interior Architecture

This course is for students who want to develop and enhance a career in design, architecture and the built environment. It offers you the opportunity to expand your talent and ideas by developing the knowledge required to tackle your chosen discipline with confidence, innovation and skill. You'll have access to challenging creative briefs and relevant vocational advice, supported by the expertise of award-winning visiting industry professionals and experienced tutors.

Subjects include:

This course includes a variety of specialised content in areas such as architectural conservation, urban and exhibition design conditions, and interior architecture. Weekly practical sessions are given to provide training in the development of design narrative and turn your design intention into a considered response to a design brief, along with training in professional skills such as construction management, host building analysis and collaborative creation.

Entry requirements

An undergraduate degree in any creative discipline is desirable. Relevant experience will also be taken into account. You will be asked to attend an interview and submit a sample of creative work. Applicants whose first language is not English will be required to meet IELTS level 7.0 or equivalent. For specific international entry requirements please see page 177.

Career prospects

Graduates will have a combination of cultural and critical awareness and technical skills that will enhance their employability across the entire design and architectural sectors. Your career prospects in Interior Architecture will be enhanced by your professional understanding of construction technology and design methods. Alternatively, you'll have the versatility and knowledge to adapt to a range of alternative design environments or the grounding to undertake a practice-as-research PhD, or teach design in a variety of contexts.

MA

Journalism

This course offers an intensive, practically focused multimedia programme, closely linked to industry. We combine traditional methods with new and developing technologies to train you as a multimedia journalist. You'll learn a wide range of practical skills and leave equipped with reporting and production expertise for print, online, magazine, television and radio. You'll also develop an understanding of social media and convergence issues.

You'll have a passion for news and an interest in the media, plus an instinct to find and tell stories. We develop your skills so you can make sense of fast moving situations and meet deadlines, whilst reporting facts simply and eloquently with honesty, integrity and creativity.

Our broadcast studios and multimedia newsrooms provide an industry setting, allowing you to experience life as a journalist and develop essential employability skills. You'll gain a firm understanding of media law, ethics and regulations, plus analytical and critical skills, good writing and research techniques. Guest lectures and work placements will help you develop your own industry contacts, allowing you to have work published/broadcast before you leave.

You will make use of Edinburgh as a political, economic and cultural centre, providing a rich source of stories and settings for your work. This course can be studied for two years part-time or one year full-time and has full accreditation from the Broadcast Journalism Training Council and Periodical Training Council.

Subjects include:

- > PgDip: Print & Online Journalism; Radio & Television Journalism; Media Law; Power & Information or Global Current Affairs; Multimedia News Production; Journalism in Context; Magazine Publishing.
- > MA: An academic or practically-based dissertation.

Entry requirements

A 2.1 in your first degree and a demonstrable interest in journalism, for example some relevant work placement experience and/or a portfolio of stories. Non UK students also need IELTS level 7.5. For specific international entry requirements please see page 177.

Career prospects

We have a high success rate for placing our graduates in jobs. You may find work as a reporter, editor, press officer, feature writer, commentator, or production worker in broadcast, print or online. The industry placement you will undertake as part of your course is particularly valuable for making contacts and can often lead to an offer of employment. Placements are a vital opportunity to gain industry experience and show editors, and potential employers, what you can do.

MDes

Product Design

(Subject to validation)

This course focuses on concept development, branding and innovation for the design of products and related design interventions, including service design and design for public spaces and the community. It focuses on creative practice and user-centred design research and works in the context of the creative economy. In line with industry, the course will engage with projects involving multidisciplinary groups and learning activities will aim to involve diverse trans-disciplinary collaborations across the university and with industry partners.

You will develop an ability to analyse human needs and evaluate the social, cultural, economic, technical and environmental influences on the practice of design.

This course is orientated towards individuals embarking upon, or already in a design or creative career and explores entrepreneurial opportunities and skills within the creative economy, locally, nationally and internationally.

Subjects include:

Design Research Methods; Design and Business; Design Modelling, Development and Prototyping 1 & 2; Major Project Part 1 & 2; Dissertation.

Entry requirements

An honours degree in art and design or a related discipline.

Career prospects

Graduates have the opportunity to begin or strengthen a career in design and/or the creative industries. The programme allows students to develop and refine professional interpersonal skills and problem solving that can be applied to a range of employment options. With a physical and digital/online portfolio demonstrating industry-ready skills, graduates will be able to apply for design jobs, tender for freelance work or pursue entrepreneurial opportunities.

MSc

Publishing

This course offers specialist training and experience required to succeed in the fast-paced publishing world. Publishing remains one of the most buoyant Creative Industries and the UK industry is among the world's strongest. You'll learn why the industry remains vigorous and gain a range of research skills, professional knowledge and understanding that will be enhanced on your work placement.

You'll meet industry professionals and authors, visit publishers and printers, attend prestigious events such as the London International Book Fair and socialise with publishers from across the industry. You'll graduate with an excellent understanding of publishing in an international context, including traditional book and magazine, digital and corporate publishing.

With 40 years experience, we're the only university offering a postgraduate publishing qualification in Edinburgh - the home of Scottish publishing and a UNESCO city of literature. We also have the Scottish Centre for the Book on campus, a renowned research centre on books and reading: www.napier.ac.uk/scob

Our staff are highly qualified, successful publishing practitioners and academics. We have excellent links with UK publishing trade bodies such as Publishing Scotland, Publishing Training Centre and the Periodical Publishers Association as well as strong international connections.

This course is studied full-time over one year or part-time over two years.

Subjects include:

- > PgCert: Publishing in Context; Publishing in Practice: From Concept to Creation; Creative Toolkit.
- > PgDip: Publishing Placement & Professional Development; Publishing in Practice: From Creation to Consumer; Option: New Venture Creation, From Script to Screen, Interactive Media or Magazine Publishing.
- > MSc: Dissertation.

Entry requirements

A first degree at 2:2 or above or an equivalent qualification or professional experience. If English is not your native language you will be required to meet IELTS 6.5 or equivalent. For specific international entry requirements see page 177.

Career prospects

We have an excellent record of placing graduates in relevant employment because we provide you with the most up-to-date skills required by a rapidly advancing industry as well as critically important work experience. You will be prepared for work in a number of areas, including book publishing, editing, design, production or marketing, magazine and journal publishing, corporate and online publishing.

MA

Screen Project Development

Breaking into the film or television industries takes skill, experience and contacts - all of which you will gain on this course. Part of Screen Academy Scotland and endorsed by Skillset (the sector skills council for creative media), this course is one of the few in the UK to focus on the real creative and business skills of producing. You will have direct access to industry professionals, and the chance to collaborate with writers and directors on Screen Academy projects. This is more than a theoretical grounding - you will graduate with experience and industry contacts, ready to make your name in film or television production, or progress to a further qualification.

Working in collaboration on scripts, documentaries and interactive projects, you will gain script development skills and learn to work within a creative team. You will also be guided through the business processes involved in bringing a project to life, from acquiring rights to budgeting, finance and distribution. Learning the processes is just the beginning: you will be undertaking very real projects that allow you to apply your skills and gain experience in liaising with active industry professionals and business contacts, both local and abroad. This course is studied full-time (two days per week attendance) over one year or part-time (one day per week attendance) over two years.

Subjects include:

Writing and Screen Project Development; the Business of Screen Project Development; Developing Interactive Media; Production Financing and Distribution; Project Development Workshops and a dissertation or major project.

Entry requirements

Usually an honours degree in an appropriate discipline - for example, a degree in creative writing, journalism, filmmaking or drama. Experience at a comparable level may also be acceptable. You will be required to attend an interview, and/or be asked to show evidence of an aptitude for the course, appropriate experience, and an indication of how you might benefit from the programme. If your native language is not English, you will need to have IELTS level 7.0. For specific international entry requirements see page 177.

Career prospects

Competition in the industry is fierce, but your experience and contacts will set you apart. As a graduate, you will have the option of self employment on a project basis or a permanent role with a screen-based business. Possible roles include creative producer, script editor, development producer or researcher. You may also take on a career in production, distribution or sales, or progress to MFA Advanced Film Practice (see page 60).



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Web: www.napier.ac.uk/postgraduate



MA

Screenwriting

If you're determined to break into the competitive screenwriting world, our highly regarded, Skillset-accredited Screen Academy Scotland course will maximise your chances. You'll gain direction and guidance in developing and polishing ideas into finished scripts and learn how the film, television and interactive media businesses operate.

Practising industry professionals will provide valuable insight and contacts as you develop a portfolio of projects, including a 'calling card' script - an important tool for new screenwriters approaching producers or directors. Your primary focus throughout the course will be developing your writing skills for moving media.

This industry requires determination and discipline and you'll learn motivational techniques, collaborative skills and confidence in presentation. Business issues are also covered, giving insight into the industry's financial and organisational processes.

This course is taught by active professionals - writers, producers and development executives - who provide experience, expertise and a network of contacts. You'll also be able to form working relationships with students at Screen Academy Scotland, Edinburgh Napier and Edinburgh College of Art.

This course is studied one year full-time (two days per week) or two years part-time (one day per week). For further information, see: www.screenacademyscotland.ac.uk or email: info@screenacademyscotland.ac.uk



Subjects include:

Writing and Screen Project Development; Script Workshop 1 & 2; The Business of Screen Project Development; Developing Interactive Media; From Script to Screen and a major project.

Entry requirements

A degree in a related field, or the equivalent in professional or semi-professional experience. You will be required to attend an interview and present a writing sample or portfolio. For international entry requirements see page 177.

Career prospects

As a screenwriter, you will find your work could be utilised in feature film production, short films, television, computer games or internet-based content.

PgCert

Screenwriting

This course is designed for students who wish to develop their skills in dramatic writing for the film, television and interactive screen industries. It is an eight month, blended learning course that combines online lectures, tutorials, discussions and exercises with attendance at three intensive, face-to-face workshops.

The course runs from January to August in two trimesters and you will undertake three modules from our highly-successful MA Screenwriting degree that have been specially redesigned for online delivery.

The flexibility of a mainly online format makes this course ideal for students who wish to develop their competencies by studying alongside their work, from distance or as part of their continuing professional development. Subject to availability, this course will include a Student Pass to the Edinburgh International Film Festival in June 2011. The Student Pass offers you opportunities to attend screenings, master classes and networking and industry events.

Subjects include:

Writing and Screen Project Development; Script Development Workshop 1 & 2.

Entry requirements

An honours degree in an appropriate discipline, such as creative writing, journalism, filmmaking or dramaturgy. We will also consider recognition of prior learning (RPL) for candidates who demonstrate appropriate knowledge and skills equivalent to honours degree standard. You will normally be required to take part in an online or telephone interview, and/or asked to produce evidence of aptitude, appropriate experience and an ability to benefit from the course. If your native language is not English, you will need to have IELTS level 7.0. For specific international entry requirements see page 177.

Career prospects

Graduates will be ideally placed to enter the film, television or interactive industries with the confidence that they have up-to-date, professional knowledge of the craft, skills and processes required of them. This course will provide you with the ability to continue learning and adapting to the changing media environment and develop your own distinctive voice within any one sector.



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MA

Sound Production

If you are aiming for success in the competitive worlds of sound production, sound reinforcement and post production, this multi-faceted course will enhance your technical knowledge, creative skills and professional competence, enabling you to be operationally effective in a range of employment.

Through technical instruction, lectures, workshops and self-study, you will develop proficiency in the sound industry's standard applications and equipment, with the option to undertake Digidesign's in-demand ProTools qualifications as part of the course. With opportunities for orchestral and group recording, film sound synchronisation, post production and live sound mixing, this course is a potent mix of challenging activities and high-level learning experiences.

From the start of the course you will build on prior learning and experience to develop advanced knowledge and understanding of the technology, skills, theory, context and issues that are central to success in the professional arenas of sound capture and manipulation.

Subjects include:

Studio Sound 1; Screen Sound 1; Live and Events Sound 1; Audio Hardware and Software; Sound Design and Synthesis; Major Project.

Entry requirements

An undergraduate degree that focuses on studio recording or equivalent professional experience. If your native language is not English, you will require IELTS level 6.0 or equivalent. For specific international entry requirements see page 177.

Career prospects

This course is tightly focused on developing skills that are required for success in the industry. It has been written in consultation with leading professionals in all areas of its provision, ensuring an appropriate mix of technical knowledge, critical insight, practical expertise and employability skills. Graduates may find employment in sound reinforcement, recording studios, live sound and sound design.



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MSc

Advanced Networking

This Masters degree in Advanced Networking offers you the opportunity to develop and extend your knowledge of the design and implementation of computer networks. Blending hands-on technical knowledge with theoretical understanding, this course uses our well-equipped labs to provide you with direct access to advanced routers, switches, ISP emulators, VoIP telephony systems and wireless devices.

You will learn the techniques associated with current networking practices, enabling you to develop and implement effective systems. You will also be instructed in leading-edge network research and provided with the techniques to constantly extend and update your knowledge and thinking on networking theory, practice and research, allowing you to keep up to date well into your future networking career.

The course blends postgraduate level understanding with significant elements of Cisco CCNA, CCNP and Cisco security curriculums. This offers you a strong basis to extend your CV and obtain related certifications. The Cisco Certification Exams themselves are not included in the MSc course but during your time here you will be offered additional support to obtain them, by qualified CCNP Cisco Certified Academy Instructors.

Subjects include:

An accelerated understanding of modern computer networking technologies; The management of common networked services; Project skills aimed at supporting your MSc dissertation; Advanced routing-level technologies; Advanced switching-level technologies; Network security; MSc project - a focused piece of industrially relevant research.

Entry requirements

An honours degree or equivalent with a good coverage of computer networking. Alternative qualifications may be considered if accompanied by appropriate work experience. For specific international entry requirements please see page 177.

Career prospects

With its emphasis on technical and hands-on network technologies this course will leave you well equipped for a career in practical networking, ready to address real-life networking situations and problems. As computer networks are in use in almost every industry and workplace, networking professionals are in demand. You will have the opportunity to work in a wide range of areas, including research, education and training.

MSc

Advanced Security & Digital Forensics

Computer security is one of the key issues in contemporary computing and is relevant to a wide range of activities, including software development, networking and system design. You will gain foundation knowledge in all the key areas of computing, with specialisations on mobile systems and network security.

Our School of Computing and Centre for Distributed Computing and Security have extensive expertise in research, knowledge transfer and teaching of security and digital forensics. This includes externally funded research in key domains such as financial crime and intelligence gathering frameworks, with partner organisations such as Cisco Systems, DNS Ltd, the FSA, the Scottish Police (SIPR), Sapphire, Scottish Drug Enforcement Agency, and many others.

This course is also integrated with industry-led projects and links with a wide range of local companies. You will have access to security research seminars with talks from senior industry professionals and state-of-the-art research in digital forensics, computer security, mobile systems and distributed computing.

This course will give you an in-depth knowledge and practical skills in key areas such as: Encryption and authentication methods; Host-based digital forensics; Authentication infrastructures; Network-based digital forensics; Network security, including secure tunnels; Wireless/Mobile security; Virtualisation and Service-Oriented Architectures; Cloud Computing and next generation web systems.

The course is also integrated with professional certification, such as from Cisco Systems, Ethical Hacking, CISSP and ISO 27001.

Subjects include:

- > PgCert: Host-based Digital Forensics; Network Security; Option.
- > PgDip: e-Security; Advanced Security and Network Forensics; Group project.
- > MSc: Dissertation.

Entry requirements

An honours degree or equivalent with at least a 50 per cent computing content. Alternative qualifications may be considered if accompanied by appropriate work experience. For specific international entry requirements please see page 177.

Career prospects

The growth in the requirement for security and digital forensics increases by the year and there are a wide range of careers which can be followed, including: security consultant, system architect, forensic investigator, audit/compliance consultant, Cisco security engineer/specialist, security advisor/auditor, systems integrator, design engineer, network engineer, application or web server support, .NET developer, test/debug engineer or wireless engineer.

MSc

Advanced Software Engineering

This course will build on your existing knowledge of software engineering to an advanced level and help you to pursue a career or further research in this area. You will have an enthusiasm for software technology from your first degree, or perhaps your work experience, and are keen to engage with a wide range of new materials and technology.

We give you the opportunity to focus on the area of software engineering which interests you most by offering a number of module choices as well as the chance to specialise in state-of-the-art research topics such as evolutionary and parallel computing. By the end of this course you will have a good understanding of the principles of modern software engineering and have developed an understanding of current research and future trends in software engineering. The course can be studied either full-time for one year or part-time for two and a half years.

Subjects include:

- > PgCert: Advanced Software Development; Programming for the Web and Advanced Application Programming.
- > PgDip: Two options from Management of Software Projects; e-Security; Emergent Computing or Enterprise Computing. You will also take part in a group project that will develop your teamworking skills.
- > MSc: Dissertation.

Please note, January start subjects may vary.

Entry requirements

An honours degree, at least two-thirds of which was software engineering based, or an alternative qualification with relevant work experience. You should also be competent in Object Oriented Design and a programming language such as C++ or Java. For specific international entry requirements please see page 177.

Career prospects

This qualification can open the door to a wide range of careers. We prepare you for a career in development and use of practical software systems by equipping you with the skills that employers require. Our courses have an emphasis on meeting real-world challenges, supported by a mixture of theory, current technology and practical content. Graduates can expect to find employment in a variety of jobs and companies ranging from independent software houses to graduate trainee courses in large multinational companies. You may also find opportunities for further study in research, either at PhD level or as research assistants.

MSc

Applied Informatics

By taking a Masters degree in Applied Informatics, you will be furthering your undergraduate computing studies or work experience in the areas of your particular interest. Choosing from a wide variety of optional modules, from Advanced Application Programming to Web-enabled Business, you will be able to design a course that best suits your needs and career direction.

As well as building on your existing computer skills and taking them to the next level, you will learn to develop a critical understanding and an analytical approach to your choice of specialist areas. For example, you may choose software development or information systems, and focus on the skills involved, while a theme such as human computer interaction would obviously comprise different areas of study. Whichever direction you choose, you will end the course equipped with the expertise needed to take you further in your career. This course is studied full-time over three trimesters.

Subjects include:

- > PgCert: Three options (subject to availability): Advanced Applications Programming; Computer Systems; Database Systems; Information Systems Engineering; Interaction Design; Mobile Communication; Network Systems & Services; Software Development 1 and 2; Strategic Thinking for Information Services; Usability Methods; Action Oriented Research (Contact); Audio & Video Narrative; e-Learning Application Development; Emergent Computing for Optimisation; Enterprise Computing; e-Security; Information Systems Group Project; Management of Software Projects; Managing Knowledge; Parallel Applications Programming; Programming for the Web; Security Compliance; Usability Engineering; User Experience; Web-enabled Business; Advanced Software Development; Group Project; Network Accessibility; Optimising Networks and Services; Routing Technology or Switching Technology.
- > PgDip: Another two options; Group project.
- > MSc: Dissertation.

Entry requirements

An honours degree or equivalent with at least a 50 per cent computing component. Alternative qualifications may be considered if accompanied by appropriate work experience. For specific international entry requirements please see page 177.

Career prospects

Thanks to its flexibility of content, and the high demand for well-qualified graduates in the computing industry, this course can open doors to a wide range of careers. If you have previous work experience in the field, you may wish to return to it and take advantage of the increased opportunities for advancement that your new skills offer. You could pursue a new role in your specialist area, or take on a research, education or training role.

MSc

Business Information Technology

Regardless of the economic environment, organisations always try to maximise their resources in pursuit of business objectives. This often involves the effective use of Information Technology by management to increase efficiency and improve corporate performance. This route to improvement has not always been successful, and Information Technology solutions, if badly conceived or applied, have been shown to have as much potential to cause damage as they have to underpin success.

This course will equip you with the knowledge and techniques to be an effective agent for change in the application of Information Technology to Business processes. You will learn the nature of the underlying technology and how to successfully apply it in a range of business environments using industry standard technology and techniques. Modules examine the characteristics of business information systems, how they are designed and how they can be successfully implemented in the working environment.

This course is aimed at closing the capability gap between technology practitioners and generic managers to produce individuals who are equipped to operate in the corporate environment, yet be aware of the nature of the technology and be able to interact with specialists to deliver successful IT projects. It is suitable for individuals with a management background wishing to specialise in the area of Information System technology or technology specialists wishing to move in to managerial roles.

Subjects include:

- > PgCert: Information Systems Engineering; Management of Software Projects; Sources of Competitive Advantage.
- > PgDip: Enterprise Information Systems with SAP; Group Project; Web-enabled Business; Web Design & Development.
- > MSc: Dissertation.

Entry requirements

An honours degree, or equivalent, in a discipline with some IT, and/or business content. If you have alternative qualifications or experience, you will be considered on an individual basis. For specific international entry requirements please see page 177.

Career prospects

The variety of Business Information Technology elements offers a strong vocational focus. After graduation, you can expect to be involved in both academic and practical fields in widely diverse areas of Business Information Technology, including: interactive systems design, usability engineering, information engineering, software engineering, IT project management, IT consultancy, networks design/analysis/management, IT security, database design and implementation.

MSc

Design for Interactive Media

This course supports your development as a practitioner in the design of content for a range of interactive media such as mobile phone applications, games, other interactive consumer products and interactive installations.

You will learn about research, design, prototyping, implementation and evaluation methods for interactive media, project planning, writing for interactive media and state-of-the-art thinking about the interactive media experience.

Subjects include:

- > PgCert: Interaction Design; Playful Interaction; Writing for Games and Interactive Media 1.
- > PgDip: Prototyping for Interactive Media; User Experience; Writing for Games and Interactive Media 2.
- > MSc: Dissertation.

Entry requirements

An honours degree or equivalent in a discipline other than computing. Alternative qualifications may be considered if accompanied by appropriate work experience. For specific international entry requirements please see page 177.

Career prospects

This course will equip you for opportunities in the design of interactive media in consultancies, corporate settings and, of course, in academia. Potential employers include: interaction design consultancies, games producers, web solutions providers and mobile applications providers. You could also work in more traditional IT industries in a multi disciplinary design team.

MSc

Enterprise Web Development

A Masters degree in Enterprise Web Development brings together both the business and online worlds. You may be aiming to specialise in the field of web design or business systems analysis, or perhaps looking to apply your new skill in the area of your original degree or work experience.

Either way, you will have an interest - but not a degree - in computers and the internet and their potential for business development.

You will learn to design and construct websites, and explore their applications and impact as they relate to e-business. More than a technical course, it offers the strategies, principles and systematic know-how that you need to keep abreast of continuing innovations in this rapidly developing industry.

As well as learning the theory and techniques involved, you will be given opportunities to integrate and put them into practice through substantial group and individual projects.

Our philosophy is that by meeting real-world challenges during the course of your study, you will enter the career marketplace experienced and ready to dive straight in.

Subjects include:

- > PgCert: Web Design and Development; Information Systems Engineering; Computer Systems; Database Systems.
- > PgDip: User Experience; Web-enabled Business and the option of Management of Software Projects or Information Systems Group Project.
- > MSc: Dissertation.

Entry requirements

A British honours degree or equivalent in any discipline (including Arts) other than computing. A lower qualification may be considered if accompanied by appropriate work experience. For specific international entry requirements please see page 177. You are not required to have any formal knowledge of computing before starting the course. However, this is not an IT training course and does require you to engage with a wide range of new technologies in a relatively short time, so familiarity with basic computing would be an advantage.

Career prospects

You will leave equipped with the skills needed to plan and create effective and efficient Internet sites, and the potential for real career advancement. Where you take those skills is up to you: into the world of web systems development, or another branch of your current field, such as research, education or training.

MSc

Information Systems Development

All organisations require information systems to operate efficiently and competitively, so we have developed this programme based on the techniques of developing such computer-based application systems. We have structured the course to develop your knowledge of information systems to an advanced level in a relatively short time and provide you with the skills employers require. You will learn about how these systems work, how the requirements for them are established and how they are designed and developed. You will gain an overview of the importance of systems to organisations as well as gain technical and communication skills which the industry values.

You will develop an understanding of information systems management and development in organisations, and learn how to design and implement information systems solutions. You will also gain transferable skills in project management, time management and communication.

This course is studied full-time over one year or part-time over two and a half years.

Subjects include:

- > PgCert: Software Development; Information Systems Engineering; Computer Systems and Database Systems.
- > PgDip: Web Design and Development, plus Software Development or Web-enabled Business and an Information Systems group project or Management of Software Projects.
- > MSc: Dissertation.

Entry requirements

An honours degree, or equivalent, in a discipline other than computing. Alternative qualifications may be considered if accompanied by appropriate work experience. For specific international entry requirements please see page 177. You are not required to have any formal knowledge of computing before starting the course. However, this is not an IT training course and does require you to engage with a wide range of new technologies in a relatively short time, so familiarity with basic computing would be an advantage.

Career prospects

This qualification can open the door to a wide range of careers. You may find employment within computer departments of organisations as a trainee programmer, software engineer, system builder, analyst or system tester. Alternatively, you could move into business areas as a graduate trainee, particularly in areas where a good understanding of information systems, and their potential, is highly valuable. This qualification and the experience you will gain of creating and commissioning computer solutions may also open up new opportunities to you in your existing degree or work experience area.

MSc

Information Systems for Financial Services

This course will equip you not only with the knowledge and skills required to work in an IT development environment, but also to help you to understand the requirements of business-side users in financial services organisations.

It has been designed in consultation with major financial institutions to ensure that their recruitment requirements are met, meaning that you gain an industry standard qualification and excellent career prospects.

The course is jointly taught by the School of Computing and the School of Accounting Economics & Statistics. You will combine the study of financial markets and products with the concepts and techniques of developing computer-based information systems. This course can be studied either full-time for one year or part-time for two and a half years.

Subjects include:

- > PgCert: Software Development; Information Systems Engineering; Computer Systems and Database Systems.
- > PgDip: Web Design and Development; Personal Financial Planning and Global Finance.
- > MSc: Dissertation.

Entry requirements

An honours degree, or equivalent, in a discipline other than computing or finance. Alternative qualifications may be considered if accompanied by appropriate work experience. For specific international entry requirements please see page 177. You are not required to have any formal knowledge of computing before starting the course. However, this is not an IT training course and does require you to engage with a wide range of new technologies in a relatively short time, so familiarity with basic computing would be an advantage.

Career prospects

This qualification can open the door to a wide range of careers, especially in banks and insurance companies. You may find employment within computer departments of organisations as a trainee programmer, software engineer, system builder, analyst or system tester. Alternatively, you could move into business areas as a graduate trainee, particularly in areas where a good understanding of information systems and their potential, is highly valuable. This qualification and the experience you will gain of creating and commissioning computer solutions may also open up new opportunities to you in your existing degree or work experience area. You may also have the opportunity to move into academic fields such as research, education and training.

MSc

Interactive Systems: User Experience

These days, it's not enough for an interactive media experience to be merely functional. The user expects an entertaining, fun or stimulating experience and the industry demands professionals who are able to deliver just that.

This course draws on up to the minute technology and theory to meet the needs of the web design and digital media industries. You will learn to create enjoyable digital media experiences that engage the user, as well as developing your knowledge of the theories that underlie the deceptively simple concept of interactivity.

This course combines theory with practice and you will develop valuable skills and knowledge in both. You will learn practical skills such as programming, web page design and usability methods and learn the theoretical underpinnings of interactivity and user experience.

Subjects include:

- > PgCert: Interaction Design; Playful Interaction; Web Design and Development.
- > PgDip: Programming for the Web; User Experience; Usability Methods.
- > MSc: Dissertation.

Entry requirements

A British honours degree or equivalent in any discipline (including Arts). Alternative qualifications may be considered if accompanied by appropriate work experience. For specific international entry requirements please see page 177. You are not required to have any formal knowledge of computing before starting the course. However, this is not an IT training course and does require you to engage with a wide range of new technologies in a relatively short time, so familiarity with basic computing would be an advantage.

Career prospects

Successfully completing this course will lead to career opportunities in a number of areas, such as usability and user experience consultancies, design houses and web solutions providers. As a graduate in User Experience, you will be in high demand, as more and more businesses and research institutions realise the importance of the user experience in their interactive systems.

MSc

Software Technology for the Web

This course will provide you with the theoretical and practical skills involved in developing modern web-based computer systems. This is a technical course designed for you to pursue a career in the development and use of practical software technologies for web-based systems development. At its core are four key technologies: software development using Java, Oracle databases, computing internals, and internet-based client and server side software applications. You will expand your current knowledge and critical thinking towards web-based computing and information technology. Building on previous knowledge and practice, this course extends it into new approaches and methodologies.

The course can be studied either full-time for one year or part-time for two and a half years.

Subjects include:

- › PgCert: Software Development; Programming for the Web; Computer Systems and Database Systems.
- › PgDip: Software Development and e-Security. Full-time students will also undertake a group project. Part-time students study Management of Software Projects.
- › MSc: Dissertation. This can either be done in industry or with one of the school's highly rated research groups.

Entry requirements

An honours degree, or equivalent, in a discipline other than computing. Alternative qualifications may be considered if accompanied by appropriate work experience. For specific international entry requirements see page 177. You are not required to have any formal knowledge of computing before starting the course. However, this is not an IT training course and does require you to engage with a wide range of new technologies in a relatively short time, so familiarity with basic computing would be an advantage. You do not need to know programming already but you do need to be able to analyse and research.

Career prospects

Previous graduates have found employment in jobs ranging from programmers and web-based programmers in small software houses to graduate trainee programmers in large multinational companies. This qualification and the experience you will gain of creating and commissioning computer solutions may also open up new opportunities to you in your existing degree or work experience area. Other graduates have moved into academic fields such as research, education and training.



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MSc

Advanced Materials Engineering

This course offers you an advanced qualification in engineering and the opportunity to develop a specialised knowledge of materials engineering. It is one of very few such courses offered at Masters level in the UK, putting you at an advantage over other engineering graduates.

The course covers the core materials topics of metals, plastics, ceramics and composites, but also explores the progressive areas of forensic engineering and product failure investigation, new and smart materials and the use of materials in energy generation.

You will gain exposure to the latest trends in design, materials, manufacturing processes, testing and advanced applications by taking full advantage of our modern technology and computing facilities. We have been successfully teaching a Masters programme in materials engineering for 17 years, leading the way in the study of this field. You will benefit from our first class research and knowledge transfer partnerships with both local and national businesses. We have excellent industry links and encourage you to interact with the industry too. All projects are practically focused, with emphasis on using industry standard manufacturing and testing equipment. Plus many projects are live, meaning you will be working for real clients.

You are encouraged to undertake your project during an industry placement, which may lead to further employment. Other industry links include case studies, guest lectures and industrial visits.

This course is normally studied full-time over one year but there is also a part-time route taking up to three years. Entry is possible in September or January.

Subjects include:

Metallic Materials; Plastics Materials; Ceramics and Composites; Smart Materials and Surfaces; Forensic Materials Engineering and Energy Materials; MSc Project - a focused piece of industrially relevant research, normally carried out on placement.

Entry requirements

An honours degree or a recognised, equivalent, professional qualification, in a science or engineering discipline is required. A non-honours degree or experience which demonstrates that you possess relevant knowledge and skills may also be acceptable. For international entry requirements please see page 177.

Career prospects

You will have excellent job prospects as so few people have materials engineering skills, expertise and knowledge. This will give you enhanced employment prospects in almost all engineering, science, design and manufacturing disciplines. In particular, you may find roles in Manufacturing, Design and Chemical Engineering.

MSc

Advanced Structural Engineering

On this course, you will develop skills in the analysis, design and assessment of engineering structures under general, environmental, seismic and extreme loading conditions. Accredited by relevant industry bodies and designed to meet the needs of the construction industry, this course offers a wide spectrum of structural engineering principles, as you learn about issues relating to steel and concrete structures.

Through this highly technical, one year course, you will develop skills in numerical simulation using a variety of software. You will also learn failure analysis methods, the Eurocodes for the design of various construction materials under varied loads and the legal issues surrounding construction.

The course is accredited by the Institute of Civil Engineers, the Institute of Structural Engineers and the Institution of Highways and Transport. Industry practitioners are regularly utilised as guest speakers and lecturers.

Subjects include:

Advanced Mechanics of Materials and FEA; Advanced Structural Concrete; Advanced Structural Steel Design; Forensic Engineering; Structural Dynamics and Earthquake Design; Foundation Design to Eurocode 7; MSc Dissertation.

Entry requirements

An honours degree in either science or engineering or an alternative qualification with relevant work experience. For specific international entry requirements see page 177.

Career prospects

As a qualified structural engineer with advanced training, you will be in demand in the construction industry worldwide. Alternatively, you may choose to use this course as the basis for further education or extensive research.

MSc

Architectural Technology & Building Performance

Developed to meet the demands of the modern construction industry, this course incorporates current construction techniques and explores the latest regulatory and commercial issues.

You will build on your existing qualifications or experience in this area to develop a good knowledge of architectural technology, building performance and the legislative framework that governs the industry. The course offers a well balanced blend of theory and practice which prepares you for the workplace. You will gain a broad understanding of the construction industry and learn how to apply this to create design solutions.

This course is built around the knowledge and current applied research of three of the University's key research units; the Building Performance Centre, Scottish Energy Centre and the Centre for Timber Engineering. You will gain the knowledge and experience required to complete a major design project that should enhance your career prospects.

Subjects include:

Concrete Form & Construction; Building Performance 2; Lifetime Homes - Sustainable Building Design; Timber Form & Construction; Option of Building Performance 1 (Acoustics) or Building Performance 3 (Energy & Microrenewables); Advanced Digital Media; Design Project & Technical Report.

Entry requirements

An undergraduate degree in Architecture or Architectural Technology. This course is also suitable if you are already working in the construction industry (for example as an architectural technician) and seeking to improve your formal qualifications. You will be required to submit a portfolio of work and attend an interview. For specific international entry requirements see page 177.

Career prospects

This course can improve your employment opportunities in the field of architectural design and technology. It also provides you with many of the skills required to enter the house construction sector.

MSc

Automation & Control

Automation and control are important aspects of modern manufacturing and utility supply. Many manufacturing assembly lines and processes utilise programmable control systems, such as robotics. As a result, it is essential to equip the prospective engineer in this field with the appropriate skills.

This course will extend your skills into several essential areas in the field of automation and control. You will gain the knowledge to analyse manufacturing automation systems in terms of automatic assembly and design. You will also learn the advanced concept of embedded systems and features which must be considered for their effective application. You will develop skills in the design of control systems using Programmable Logic Controllers (PLCs) and Supervisory Control and Data Acquisition (SCADA) systems, which are widely used in industry, as well as developing a wide range of experience from subjects such as management and research skills.

We use well-equipped laboratory facilities to deliver the course including an automation and robotics lab, a control and instrumentation lab and a specialised laboratory for the study of PLC and SCADA systems.

This course will be put forward for accreditation by the Institute of Engineering and Technology (IET). Combined with a suitable accredited undergraduate degree, the MSc will then satisfy the academic requirements of the UK Engineering Council for Chartered Engineer (CEng) status.

Subjects include:

Strategic Management; Embedded System Applications; Automation and Robotics; Research Skills and Project Management; Control Engineering; Mechatronic Systems; MSc Project.

Entry requirements

An honours degree in an engineering discipline, or other qualifications or relevant experience that demonstrates appropriate knowledge and skills. For specific international entry requirements please see page 177.

Career prospects

Advanced engineering graduates are highly sought after in industry. Your specialisation will open up a variety of career choices in both the private and public sectors, such as engineering research, design and development and engineering management.

MSc

Communication Engineering

With an advanced degree in communication engineering, you will be able to tap into one of the world's most rapidly developing industries. Mobile, optical, satellite and microwave communications systems are proliferating around the globe: you will learn the technologies behind their design and implementation, and the skills needed to apply them to specific projects. As well as learning the theories behind communication engineering, you will gain practical experience in electronic and communication design and systems.

You will learn both to collaborate and work independently, applying your skills through projects to a variety of software and hardware technologies.

We believe in reinforcing theory with practical application. That's why we focus on laboratory sessions and input from professionals working in the field. You will also benefit from our teaching philosophy, which encourages independent thinking as well as collaborative skills.

This course is studied full-time over one year. You will learn by a variety of teaching methods including lectures, tutorials, seminars, laboratory sessions and through independent study.

Subjects include:

Mobile and Microwave Communication; Digital Techniques; Digital Signal Processing; VHDL and FPGA Design; Digital Communication; Research Skills and Project Management; MSc Project.

Entry requirements

An honours degree in an appropriate discipline. An appropriate professional qualification or a degree and relevant work experience will also be considered. Full-time study for two trimesters and a project undertaken in industry in part-time mode is also possible. For specific international entry requirements please see page 177.

Career prospects

As with most engineering-based fields, career prospects are very good. Your advanced qualification could see you pursuing a career in communications design; research and development or communications marketing.

MSc

Computer Aided Engineering

More and more, engineering design is turning to digital technology for innovative solutions. Automation, robotics and other computer-aided processes are revolutionising a wide variety of industries. In this course, you will learn the theory and practice of integrating business, design, manufacturing and control systems in engineering through the application of computerised systems.

We offer a comprehensive programme that combines theoretical learning with practical application. Our industry-experienced staff is on hand to provide support, while recognising that at this advanced level you are able to learn independently.

As well as building on those abilities to learn independently and think critically, you will learn to analyse engineering problems and apply your knowledge of digital applications to create solutions. You will gain experience in assessing the different needs of various sectors of industry, and develop an advanced understanding of the use of computer-aided engineering systems in business. Importantly, given the rapidly accelerating nature of the industry, you will also learn to make decisions in complex, unpredictable and changing situations. This course is studied full-time over three trimesters.

Subjects include:

Automation and Robotics; Visual Basic for Applications; Computer Applications in Engineering; CAE Management; Mechanical CAE; Manufacturing Systems and Technology; MSc Project.

Entry requirements

An honours degree in an Engineering discipline, Physical Science or Technology. An honours degree in other numerate disciplines (eg Maths) may be considered if supported by relevant work experience. An ordinary degree in the required discipline plus relevant work experience will be considered. For specific international entry requirements please see page 177.

Career prospects

As a rapidly developing field, computer-aided engineering offers excellent employment prospects. You will be in demand for roles such as design engineer; project manager; computer-aided engineer; engineering consultant.

MSc

Construction Project Management

This course offers a well-balanced blend of theory and practice which prepares you for work as a project manager in the construction industry. Project managers are responsible for controlling and coordinating the development process from concept through to construction and are in high demand across a number of industries.

We offer a comprehensive programme that combines theoretical learning with practical application. You will learn how to manage finances, risk, and construction as well as gain a solid foundation in procurement strategy.

The course also covers technological theory and practice linked heavily to industry so you will graduate ready to progress into a role in the industry immediately. We regularly interact with the business community to make sure that the course is as relevant as possible and we invite industry professionals to appear as guest lecturers.

You will gain an industry recognised qualification as this course is accredited by the Royal Institution of Chartered Surveyors (RICS) and the Institution of Civil Engineers (ICE). This course is studied full-time for one year, part-time over two years or flexibly by distance learning using online teaching methods and independent study with appropriate support and resources provided by our experienced staff.

Subjects include:

Strategic Management; Project Management; Project Appraisal and Finance; Production Management; Procurement Strategy; Project Risk Management; MSc Dissertation.

Entry requirements

Typically, you will need an honours degree in a technical discipline. However, applicants with a social sciences background seeking to gain an understanding of construction project management are encouraged to apply. Alternatively, an appropriate professional qualification or a degree and relevant work experience will also be considered. For specific international entry requirements please see page 177.

Career prospects

This qualification has excellent job prospects. You will graduate into an industry where your skills are in high demand. You may go on to work in roles including Project Manager; Construction Contractor; Consulting Engineer; Quantity Surveyor; Architect or Management Consultant.



MSc

Digital Systems

Digital systems come in many forms and are essential in most of today's consumer and industrial products. The control of many devices, including toys, mobile telephones, cars, aircraft and medical equipment, is by a programmable digital system. Digital systems are purpose built programmable data processing systems with a mix of size and complexity which can be used to perform a vast number and range of functions.

This course will build on your existing system design and implementation skills to develop an advanced learning and practical experience in digital and embedded systems design. Topics studied will include digital signal processing, digital techniques & communication, VHDL, FPGA, embedded system design and application of all these. Particular emphasis will be placed on the practical application of these areas to real scenarios. Management subjects which cover strategic management and project management are included in preparation for the next stage of your career.

This course will be put forward for accreditation by the Institute of Engineering and Technology (IET). Combined with a suitable accredited undergraduate degree, the MSc will then satisfy the academic requirements of the UK Engineering Council for Chartered Engineer (CEng) status.

Subjects include:

Strategic Management; Digital Signal Processing; Embedded Systems Applications; Research Skills and Project Management; Digital Communication; VHDL and FPGA Design; MSc Project.

Entry requirements

An honours degree in an engineering discipline, or other qualifications or relevant experience that demonstrates appropriate knowledge and skills. For specific international entry requirements please see page 177.

Career prospects

Advanced engineering graduates are highly sought after in industry. Your specialisation will open up a variety of career choices in both the private and public sectors, such as engineering research, design and development and communication industries.

MSc

Electronic & Electrical Engineering

There are a considerable number of options in the field of electronic and electrical engineering for future careers and research. This course covers a wide range of electronic and electrical engineering from signal processing and digital circuit design to power distribution and electrical drive systems. The skills you will gain will make you very sought after in industry and maximise your employment opportunities.

The course will build on your existing engineering skills, developing advanced learning and practical experience. You will also be introduced to strategy in organisation management and project management. You will then begin preparation for the next level of your career in management.

This course will be put forward for accreditation by the Institute of Engineering and Technology (IET). Combined with a suitable accredited undergraduate degree, the MSc will then satisfy the academic requirements of the UK Engineering Council for Chartered Engineer (CEng) status.

Subjects include:

Strategic Management; Digital Techniques; Digital Signal Processing; Research Skills and Project Management; Distributed Generation; Industrial Drive Systems; MSc Project.

Entry requirements

An honours degree in an engineering discipline, or other qualifications or relevant experience that demonstrates appropriate knowledge and skills. For specific international entry requirements please see page 177.

Career prospects

Advanced engineering graduates are highly sought after in industry. Your specialisation will open up a variety of career choices in both the private and public sectors, such as engineering research, design and development and communication industries.

MSc

Energy & Environmental Engineering

Energy and the environment are increasingly taking their place as a major issue in today's world. With this qualification, you will build on your current credentials in the field, or take the first step into this vital industry. The course emphasises management techniques and theory, while also addressing the scientific background associated with sustainable construction and renewable and alternative energies.

As well as advanced engineering principles and practices, you'll learn to effectively manage projects and develop your research skills. You will be given practical experience in applying these principles to the investigation and development of renewable energy sources, such as solar, wind and wave energy.

You'll be studying in a vibrant research environment in the area of alternative energy, illustrating our strong focus on energy and environmental issues.

This course will be put forward for accreditation by the Institute of Engineering and Technology (IET). Combined with a suitable accredited undergraduate degree, the MSc programme would then satisfy the academic requirements of the UK Engineering Council for Chartered Engineer (CEng) status.

Subjects include:

Strategic Management; Sustainability and Environment; Design Methods; Research Skills and Project Management; Distributed Generation; Control Engineering; MSc project.

Entry requirements

A recognised honours degree in a relevant field (or other qualification at equivalent level), or an alternative qualification and appropriate experience. For international entry requirements see page 177.

Career prospects

Once qualified, you may start your career in an environmental engineering area, such as energy production, engineering consultancies, research, building services and environmental engineering design.

MSc

Engineering Design

As an addition to your existing qualification in engineering, this course will open up the area of engineering design, giving you opportunities for employment and a specialist understanding of the field. With an emphasis on computer-aided design, you will learn effective organisation, implementation and operation of design systems.

The skills you will gain will be focused on computer-aided design and you will graduate with the ability to analyse projects and provide design solutions. Independent, critical thinking will be taught and you will be involved with the more practical skills of selecting materials and components for product applications. You will work both individually and collaboratively, developing professional capabilities in engineering design. This course is studied full-time over one year.

Subjects include:

Design Methods; Applied Design; Computer Applications in Engineering; Design Analysis; Mechanical Computer-Aided Engineering; Product Design; MSc Project.

Entry requirements

An honours degree in an engineering discipline or an honours physical science or technology degree if you can support it with relevant work experience. An ordinary degree in the appropriate discipline plus relevant work experience will also be considered. For specific international entry requirements please see page 177.

Career prospects

After graduating, you can expect to be offered a wide choice of employment prospects. These could include design engineering; project management; CAE work and engineering consultancy.

MSc

Environmental Sustainability

Extremely relevant in today's climate-aware world, this course is aimed at graduates from a wide range of disciplines. Whether you're an engineer, architect, lawyer or accountant, it will give you the qualifications you need for a career in either the renewable or traditional energy industries.

With an emphasis on sustainable development principles and practice, this course takes an industry-focused approach, with particular application to the water sector, property development and building design. You will also study national and international environmental legal principles, opening the door to a possible career in sustainability-based projects worldwide.

You will graduate with the ability to analyse and plan environmental sustainability solutions, particularly relating to water, building and property. You will develop your communication skills, and be able to exchange theory and ideas on a wide range of sustainability issues, including environmental law, building design and waste management. This course is one year full-time.

Subjects include:

Sustainability and Environment; Environmental Law; Sustainable Building Design; Waste Management; Integrated Management Systems; Sustainable Urban Property Development; Sustainable Water Resources Management; MSc Dissertation.

Entry requirements

A recognised honours degree (or other qualification at equivalent level), or an alternative qualification and appropriate experience. This course is broad-based and targeted at a diverse student body, including civil engineers, electrical engineers, building services engineers, mechanical engineers, architects, architectural technologists, quantity surveyors, lawyers, accountants and estate managers. Candidates with a background in the social sciences seeking to gain an understanding of sustainable development are encouraged to apply. For international entry requirements please see page 177.

Career prospects

Once qualified, you will be well-placed to take on an analytical or developmental position in any company or institution that incorporates an aspect of environmental sustainability, such as construction contractors; consulting engineers; quantity surveyors; architects; local and central government; housing associations; management consultants; manufacturers or service sector organisations.

MSc

Facilities Management

These days, it's no longer enough for business to simply own and run property and other property-based resources. They must be managed economically, efficiently and effectively, so as to provide maximum income or output. This course will train you in the principles and methods of successful facilities management, from technological processes to commercial considerations. You will gain insights and make valuable contacts through industry visits and guest speakers who are current industry practitioners.

Accredited by the Royal Institution of Chartered Surveyors, this internationally-recognised course will provide you with a stepping stone to professional qualifications. Broad-based in its outlook, it caters to students from a wide range of backgrounds who can bring skills from their current disciplines to the field. Whether you are an architect, estate manager, accountant, lawyer, or even hold a degree in Social Sciences, this course could take you that extra step into a fascinating and rewarding career.

Through direct teaching and research, you will learn the principles involved in facilities management. You will develop your ability to analyse, assess and design solutions, and gain an understanding of the business drivers and constraints that influence these solutions. Problem solving skills will be highlighted, as well as effective communication and presentation methods.

Subjects include:

Strategic Management; Facilities Management 1 & 2; Law and Administration; Building Economics; Property Asset Management; MSc Dissertation.

Entry requirements

A recognised honours degree or equivalent, or an alternative qualification and appropriate experience. The course is targeted at a diverse student body. Graduates with a background in the social sciences are encouraged to apply. For international entry requirements see page 177.

Career prospects

You will graduate with the academic component of a professional qualification, ready to take up a position managing property assets for a variety of employers. Through your exposure to industry contacts throughout the course, you will have the opportunity to make contacts that could lead to employment within the industry.



MSc

Mechanical Engineering

This course has been designed to enhance your existing skills in mechanical engineering. You will study a range of modules to gain an understanding of stress/strain in structural integrity, philosophy of design, design methods and analysis using finite element and computer-aided solutions. You will also learn how to critically appraise the environmental impact of alternative engineering solutions and will gain elements of project and organisation management to perform at management level as a mechanical engineer.

This course provides a valuable combination of engineering and management to give you a more rounded and employable set of skills and abilities, allowing you to:

- Critically appraise the environmental impact of alternative engineering solutions
- Develop a design infrastructure with reference to design systems and their management
- Analyse stress in structures using finite element methods
- Appraise the impact of current approaches to business and engineering data management
- Critically explore product development strategies, including concurrent engineering
- Critically evaluate a given research project and deliver the project proposal involving literature review
- Analyse management problems and synthesise solutions.

This course will be put forward for accreditation by the Institute of Engineering and Technology (IET). Combined with a suitable accredited undergraduate degree, the MSc will then satisfy the academic requirements of the UK Engineering Council for Chartered Engineer (CEng) status.

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Web: www.napier.ac.uk/postgraduate

Subjects include:

Strategic Management; Sustainability and Environment; Design Methods; Research Skills and Project Management; Computer-Aided Engineering; Design Analysis; MSc Project.

Entry requirements

An honours degree in an engineering discipline, or other qualifications or relevant experience that demonstrates appropriate knowledge and skills. For specific international entry requirements please see page 177.

Career prospects

Advanced engineering graduates are highly sought after in industry. Your specialisation will open up a variety of career choices in both the private and public sectors, such as engineering research, design and development and engineering management.



MSc

Mechatronics

Do you want to study a modern, varied and revolutionary engineering subject? Mechatronics combines elements of electronic, mechanical and software engineering into one exciting and rapidly evolving area of engineering.

Mechatronics has seen a massive growth recently. It is used in everyday objects like CD players, cameras and washing machines as well as in cutting edge robotic technology such as interplanetary explorers.

This course aims to provide you with an advanced understanding of and expertise in the mechatronics skills that are in high demand from employers. You will learn to design products and processes effectively with a focus on quality, functionality, speed and reliability. You will learn to apply your engineering skills to practical engineering situations in automation and product design using the most up to date industry standard equipment and software.

You will learn to understand mathematical methods and broad engineering science concepts, then apply these to the design and development of a microprocessor-based product or process. You will also gain advanced skills in design techniques, components and systems, computer-aided engineering and modelling techniques. We were the first university in Scotland to recognise the potential of mechatronics by offering a course in the subject, which puts us at the cutting edge of this new and exciting technology. You will benefit from our knowledge transfer partnerships with industry, such as with BAE Systems who have chosen us to deliver mechatronics training to their maintenance engineers.

Subjects include:

Automation and Robotics; Electronic Devices; Embedded Systems Application; Control Engineering; Mechatronic Systems; VHDL and FPGA Design; MSc Project.

Entry requirements

An honours degree in an engineering discipline (including software engineering). An honours degree in physical science or technology may be considered if supported by relevant work experience. An ordinary degree in the required disciplines plus relevant experience will also be considered. For specific international entry requirements see page 177.

Career prospects

Due to a skills shortage in this area of engineering, you can expect to be offered a wide choice of employment prospects, in areas such as project management, automation systems, control system design, process design, product design and embedded systems design.

MSc

Polymer Engineering

Plastics are present in practically every facet of life, and play a large part in shaping the look and feel of today's world. This course takes your solid foundation in polymer engineering and adds a strong emphasis on management skills. You'll study a range of engineering and management subjects that cater for your intended career.

The national centre for education and training in polymer processing for more than 40 years, we've built up an enviable relationship with the Scottish plastics industry and its associated bodies - many of which are headed by Edinburgh Napier graduates.

As well as reinforcing your existing engineering skills and developing them further, we will equip you with knowledge of and expertise in various management techniques and theories. You'll graduate with a combination of engineering and management skills to prepare you for the next level of your career.

This course will be put forward for accreditation by the Institute of Engineering and Technology (IET). Combined with a suitable accredited undergraduate degree, the MSc programme will then satisfy the academic requirements of the UK Engineering Council for Chartered Engineer (CEng) status.

Subjects include:

Strategic Management; Composites and Ceramics; Plastics Materials; Research Skills and Project Management; Flow Analysis and CAE; Forensic Materials Engineering; MSc Project.

Entry requirements

A recognised honours degree in a relevant field, or other qualifications or experience that demonstrates appropriate knowledge skills at SCQF level 10 (see page 188). For specific international entry requirements please see page 177.

Career prospects

You will have a world of choice when it comes to career prospects: the plastics industry is in need of graduates for positions in manufacturing, conversion or end-user operations all over the globe. You will be joining previous Edinburgh Napier graduates who have found themselves moving towards rewarding senior positions. Networking and making the contacts needed to find your ideal position is made easier by our industry connections, and your managerial skills will raise you above the level of engineering graduates. Possible career roles include engineering researcher, engineering designer/developer and engineering manager.

MSc

Product Design Commercialisation

The economy is increasingly dependent on innovation and entrepreneurship and engineered products increasingly encompass aspects of both service and infrastructure. This course will build on your technical skills within the context of the development of commercially viable products and services. You'll gain expertise in product design, business management and entrepreneurship.

The course comprises design, engineering and business modules around a core of practical development, modelling and prototyping (both physical and computer-based). Your final project will use a synthesis of all these skills and is complemented by a more analytical dissertation on a topic of your choosing.

Although the entrepreneurial nature of the course is ideally suited to those heading for careers in agile Small to Medium-sized Enterprises (SMEs) or new start-up businesses, it is equally suited to those looking at product development roles in larger companies.

This course will be put forward for accreditation by the Institute of Engineering Designers and the Institute of Engineering and Technology (IET). Combined with a suitably accredited undergraduate degree, this course will then satisfy the academic requirements of the UK Engineering Council for Chartered Engineer (CEng) status.

Subjects include:

Design; Applied Design (Engineering); Enterprise; Research Methods; Modelling and Prototyping; Options; Dissertation and product development project.

Entry requirements

An honours degree, usually in an engineering discipline though other disciplines will be considered or other qualifications and/or relevant work experience that demonstrate appropriate knowledge and skills. For specific international entry requirements please see page 177.

Career prospects

After graduating, you will be ideally qualified to work in entrepreneurial companies in industry or even your own start-up company. Graduates may also find appropriate opportunities within the service sector, and your project and dissertation can be tailored towards this if desired.

MSc

Property & Construction Management

Property and construction play a key role in the structure of our society and economy. The industry requires managers who can meet the growing challenges of market forces and new technologies. This course will give you all the skills you need to succeed in your chosen career in this field.

You will learn through a well-balanced blend of theory and practice. As well as gaining a solid foundation in construction management and procurement strategy, you will learn about the wider economic and legal frameworks of construction. The course covers technological theory and practice linked heavily to industry so you will graduate ready to progress into a role in property and construction management immediately. You will gain an industry recognised qualification - this course is accredited by the Royal Institution of Chartered Surveyors (RICS).

This course is studied full-time over one year, part-time over two years or flexibly by distance learning allowing you to study independently in your own time.

Subjects include:

Strategic Management, Law and Administration (Property and Construction); Building Economics; Production Management; Procurement Strategy; Property Development; MSc Dissertation.

Entry requirements

Usually an honours degree in a construction or engineering discipline. Applicants with a social sciences background seeking to gain an understanding of construction project management are encouraged to apply. Alternatively, an appropriate professional qualification or degree and relevant work experience will also be considered. For specific international entry requirements please see page 177.

Career prospects

This qualification has excellent job prospects - you will graduate into an industry where your skills are in high demand. You may go on to work in roles including Property Developer, Construction Cost Management, Consulting Engineer, Construction Project Management and Management Consultant.



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Web: www.napier.ac.uk/postgraduate



MSc

Property Management & Investment

With tighter financial control and productivity becoming the watchwords for most professions, property management is no exception. These days, to effectively engage in property markets you need the skills to analyse financial and investment data, as well as being aware of the wide range of principles that underpin management of property investment assets.

Whether you're from an estate management or business background, this RICS accredited course will equip you with the ability to keep abreast of rapid developments in all property-related areas, and the methods with which to effectively apply them.

Working with industry practitioners, you will gain skills in the analysis, interpretation, diagnosis and development of technical solutions in a broad range of construction and property matters. You will be trained to keep up with industry developments in the economy, property valuation and property inspection, with the eventual aim of achieving RICS professional accreditation once in the workplace. Your communication skills will also be developed, giving you the confidence you need to interact with buyers and fellow industry professionals.

Accredited by the RICS, the course can be undertaken full-time, part-time or by distance learning and can lead to full Chartered status once you've graduated.

Subjects include:

Management; Law and Administration; Property and Construction; Property Investment; Property Asset Management; Project Management, Property Development; MSc Dissertation.

Entry requirements

A recognised honours degree or other qualification at equivalent level. Alternative qualifications together with appropriate experience may also be considered. As the course is targeted at candidates with prior experience in a property or construction discipline, consideration will be given to any prior qualifications and experience. For specific international entry requirements please see page 177.

Career prospects

With investment in property and the rate of development likely to continue on into the future, qualified property practitioners will be in high demand. You may join a local firm, or work on a private portfolio. Alternatively, you may find a place in international property, as buyers are increasingly looking to foreign markets for residential and investment purchases.



MSc

Safety & Environmental Management

Almost identical to our MSc in Environmental Sustainability, this course adds the element of health and safety law at an advanced level, opening up an even wider range of employment options.

You will graduate with the ability to analyse and plan environmental sustainability solutions, particularly relating to water, building and property. You will develop your communication skills, and be able to exchange theory and ideas on a wide range of sustainability issues, including environmental law, building design, waste management and health and safety.

Subjects include:

Sustainability and Environment; Environmental Law; Forensic Engineering; Sustainable Building Design; Waste Management; Health and Safety Law; Integrated Management Systems; Sustainable Urban Property Development; Sustainable Water Resources Management; MSc Dissertation.

Entry requirements

A recognised honours degree (or other qualification at equivalent level), or an alternative qualification and appropriate experience. This course is broad-based and targeted at a diverse student body, including civil engineers, electrical engineers, building services engineers, mechanical engineers, architects, architectural technologists, quantity surveyors, lawyers, accountants and estate managers. Candidates with a background in the social sciences seeking to gain an understanding of health, safety and sustainable development are encouraged to apply. For international entry requirements see page 177.

Career prospects

Once qualified, you will be well placed to take on an analytical or developmental position in any company as an occupational safety officer or work in an institution that incorporates an aspect of environmental sustainability, such as construction contractors; consulting engineers; quantity surveyors; architects; local and central government; housing associations; management consultants; manufacturers and service sector organisations.



MSc

Timber Engineering

Timber is, in many respects, the ideal construction material, particularly in terms of its structural attributes and environmental efficiency. Timber is the only truly sustainable material - every cubic metre of timber used instead of another building material saves 0.8 tonnes of CO₂ being released into the atmosphere. There is an increasing demand to use timber as a building material, which has created the need for qualified engineers with specialised knowledge and appropriate expertise in this area.

You will learn the principles of designing a timber structure, particularly considering the nature of the material itself and its properties. Design codes are being standardised across Europe through Eurocode. The design of timber structures will be in accordance with Eurocode 5: Timber and in conjunction with Eurocode 0: Basis of Structural Design and Eurocode 1: Actions on Structures. You will develop a broader understanding of design methods through laboratory testing of structural elements, providing you with an appreciation of how timber, timber composites and connections behave under applied loading conditions.

The Centre for Timber Engineering is based at Edinburgh Napier, introducing a broad range of research and industrial activity to the course material. Our strong links with industry ensure course materials are in line with current and future industry requirements and the course is accredited by the Institution of Civil Engineers and the Institution of Structural Engineers.

Subjects include:

Timber Form & Construction; Analysis & Timber Design 1 & 2; Sustainable Building Design; Timber Materials & Applications; Project Management Skills. MSc students complete a dissertation in addition to the taught elements.

Entry requirements

An honours degree in engineering, science, mathematics or another appropriate numerate discipline. Alternatively, a BSc/BEng in engineering, or another appropriate numerate discipline together with approved industrial experience.

MSc

Timber Industry Management

Whether you are currently employed in the timber industry, or are looking to enter, this course will equip you with a comprehensive knowledge of the relevant management and legislative issues. Unique in the UK, the course draws on the education, research, consultancy and knowledge-transfer expertise of the Edinburgh Napier-based Building Performance Centre, the Scottish Energy Centre, and the Centre for Timber Engineering. Their strong links with industry will add to your level of experience and employability. As well as managerial skills, you will learn to work in the legislative context that governs the use of timber in today's construction industry. You will be given the knowledge that will allow you to understand, critically evaluate and manage every aspect of the timber industry's supply chain. Presentation, communication and analytical skills will also be developed. Our course content and our links with well-respected industry bodies such as the Centre for Timber Engineering, Building Performance Centre and Scottish Energy Centre combine to make this course unique in the UK. We offer a comprehensive programme that combines theoretical learning with practical application. The course is taught over one year.

Subjects include:

Management; Project Management; Sustainable Building Design; Timber Materials and Applications; Timber Form and Construction; Dissertation.

Entry requirements

Usually an honours degree. Alternatively, an appropriate professional qualification or a degree and relevant work experience will also be considered. For specific international entry requirements see page 177.

Career prospects

Should you be already working in the timber industry, in either a managerial or technical role, you will find your employment options will be enhanced on graduation. Entry into the industry, either directly from university or from another field, will also be facilitated, thanks to the practical experience and industry contacts you will encounter throughout the course.



MSc

Transport Planning & Engineering

Developments in transport shape the world we live in and influence communities' economic and social wellbeing. The transport of people and goods provides a serious challenge for planners and transportation engineering specialists. If you're interested in transport planning and engineering and have a relevant qualification, such as social sciences, geography or urban planning, this course will provide you with specialist skills for a career in transport.

The course provides an overview of the management of transport operations and the long-term strategic goals and outcomes for transport planning and policy. You'll gain a thorough knowledge of the nature of transportation and techniques for analysing transport problems. You'll also learn how transport operations are planned, designed, constructed and maintained, and to develop effective transport strategies.

You'll benefit from excellent links with industry and gain a good understanding of the profession from industry-relevant teaching, meeting transport practitioners and building industry contacts.

You'll learn to evaluate and analyse transport problems, policies and strategies and gain an understanding of transport modelling and transport appraisal techniques from theoretical and practical perspectives.

Our part-time and distance learning options allow those working in the industry to expand their professional capabilities. This course is accredited by the Chartered Institute of Logistics and Transport (CILT) and approved by the Institute of Highways and Transport (IHT) and the Institution of Civil Engineers (ICE) leading to Chartered Engineer Status. You'll study one year full-time or three years part-time or by distance learning.

Subjects include:

Public Transport; Transport Policy; Highway Planning and Design; Traffic Engineering Control; Transport Models; Transport Research Methods; Transport Economics and Appraisal; Traffic Management and an MSc Project.

Entry requirements

An honours degree normally at a minimum 2:2 level. An ordinary degree with relevant industrial experience will also be considered. You will also need Scottish Higher or A Level Maths, or equivalent. An appropriate professional qualification may also be considered. For specific international entry requirements see page 177.

Career prospects

This industry accredited qualification offers good longer term career prospects, especially as there is an underlying demand for transport planners in the UK due to a major skill shortage. You may go on to find work in transport consultancies, local authorities or government agencies.



The Chartered Institute of
Logistics and Transport (UK)

Tel: 08452 60 60 40 / +44 (0) 131 455 2801

Web: www.napier.ac.uk/postgraduate



MSc

Transport & Urban Environment

(Subject to validation)

This new course will bridge the increasingly important gap between urban design/development and transport planning. The development industry has a growing need for design professionals with an understanding of the relationship between developments, the space around them and their relationship with the transport network; while roads authorities are grappling more and more with the tensions between 'link' and 'place.'

To provide professionals with this kind of background, the programme covers topics including transport policy, traffic management, people movement and urban design.

Subjects include:

Transport Policy; Sustainable Transport & Safety; Urban Design; Transport Psychology; Transport Research Methods (Qualitative and Quantitative); MSc Dissertation.

Entry requirements

A recognised honours degree at 2:2 or above or equivalent. For specific international entry requirements see page 177.

Career prospects

Graduates will have grounding in both areas so that they leave equipped to work in local authority transport planning and planning departments or for developers and specialist urban design/transport consultancies.

Faculty of Engineering, Computing & Creative Industries

Student Profile

Augustus Kling

Arnach, Germany

MSc Applied Informatics

Augustus' Informatics thesis is on automatic label placement in map making. His research has included layout comparisons using the National Library of Scotland's Map Library collection.

"I'm still stunned by the amazing friendliness..."

"Studying at Edinburgh Napier allowed me to select modules to customise my course of studies with the topics that fit my interests - an important factor in keeping me motivated.

"As a non-native English speaker I also see my time at a Scottish university as a live language course. Edinburgh Napier attracts foreign students from all over the world, which has helped a lot with my understanding of their dialects and cultures. I believe this will make communication in my working life much simpler.

"Edinburgh has a very special atmosphere. Its mix of different cultures, rich history and architecture always offers grand experiences.

If you are interested in history there are lots of hidden places and stories to discover and the many quiet and natural areas mean you can even forget you're living in a city at times.

"Edinburgh also offers many museums, galleries and archives that can help your research or raise interesting questions during discussions with people you encounter there.

"I'm still stunned by the amazing friendliness that I experience here, especially while talking to Edinburgh Napier staff and the students around. People seem to care and try to help you out whenever possible."



Perform

Perf

The Faculty of Health, Life & Social Sciences is dedicated to providing high quality education in a vibrant and supportive learning environment. Our exciting and relevant suite of postgraduate courses has been created in partnership with employers and develops in our students a range of practical, intellectual and transferable skills. Join us and enjoy some of the best research-informed teaching and laboratory facilities in the country - an experience that will be enhanced when we relocate to a custom-built new campus, early in 2011.



Inside information

The Faculty of Health, Life & Social Sciences (FHLSS) has around 300 staff and 4,000 students and is a vibrant hub for the delivery of a range of stimulating, research-informed courses. Early in 2011 our Schools will be brought together in a state-of-the-art facility at Sighthill in the west of the city.

Our enthusiastic and skilled faculty team deliver courses leading to awards in nursing and midwifery; biological, biomedical and environmental sciences; sport and exercise science; social sciences including psychology, sociology and complementary healthcare.

Study at Edinburgh Napier University and you will have access to some of the best laboratory facilities in the country, including strength and conditioning suites, first class psychology laboratories, practical skills and biomechanics laboratories.

The Faculty of Health, Life & Social Sciences is made up of:

- > School of Life, Sport & Social Sciences
- > School of Nursing, Midwifery & Social Care.

Links with industry and professional organisations

In FHLSS we recognise the importance of partnerships with employers for the design of relevant curricula and to the subsequent employability of our students.

Consequently the Faculty has well-developed links with companies and organisations relevant to our subject areas, such as large drug design companies. We also have collaborative partnerships with NHS Lothian, NHS Borders, and NES, and professional accreditation through the British Psychological Society.

In addition to increasing the number of international students on campus, we deliver our courses internationally with partners in Hong Kong, Indonesia, India and across Europe.

We encourage staff and student exchanges to add to the diversity of the student experience and internationalisation of the content of programmes.

New courses

- > MSc Counselling (Brief Psychological Therapies)
- > MSc Health Administration.



Research

We have a strong research profile across our Schools, as demonstrated in the Research Assessment Exercise 2008, which assessed the quality of research across all disciplines in the UK Higher Education Sector.

Nursing and Midwifery and the Biomedicine and Sports Science Research Group were both considered to have research that was world leading. Across the Faculty, all five units of assessment submitted to RAE 2008 were assessed as having research that was of international excellence.

International collaboration

- > European Commission Joint Research Centre (JRC), Ispra, Italy
- > Helmholtz Zentrum, Munich, Germany
- > University of Rochester, USA.

The needs of the public and voluntary sectors as well as the economy, society and the local community are at the heart of everything we do. Therefore our research and consultancy has an applied focus and influences current thinking as well as the evolution of all our courses. We have created a research and knowledge transfer environment which encourages free thinking and is both inspirational and exciting to those who work with us.

The Faculty currently has four research centres and a range of research groups:

Centre for Nano Safety - The centre is one of the first multidisciplinary research centres in the UK investigating nano safety; combining the disciplines of human and ecotoxicology. Centre staff investigate whether a variety of nanoparticles can enter the human body and cause harm. It also investigates the impact of different nanoparticles on microorganisms, plants, waterborne invertebrates, sediments and soil and fish. Identifying what characteristics of nanoparticles might make them toxic, provides information for use by industry, to design safer products; by regulators to generate legislation

to protect humans and the environment; and by consumers to make informed choices.

Biofuel Research Centre - one of the UK's main centres in the development of second generation biofuel from waste material. The centre has been extremely successful attracting funding from the Research Councils, Scottish Enterprise, European funding and commercial partners to conduct research in the use of anaerobic fermentation to produce butanol. This 'clean' technology is particularly attractive as it uses waste products from other industrial processes to produce a fuel product which is more efficient than ethanol, can easily be incorporated into existing fuel for combustion engines and is easily stored and transported.

Environmental and Marine Sciences

Research Centre - a key member of the Marine Alliance for Science and Technology Scotland (MASTS) research pool. Research is primarily focused on the assessment and management of natural resources. Projects are wide reaching and internationally recognised, including investigation of pollutants, such as nanomaterials and endocrine disruptors; management of coastal activities, including aquaculture and fisheries; ecology of terrestrial and freshwater organisms, such as bats, fish and snails; and the impact of human development and land use, including ecotourism.



Centre for Applied Nursing and Healthcare Research - conducts high quality applied research and knowledge transfer, CPD and commercial activity which impacts on the health of the population and helps modernise health policy, healthcare delivery and the health environment in Scotland and beyond. Esteemed academics within the Centre work collaboratively with private and public sector organisations to undertake research and develop training and education packages in a range of healthcare areas. Key to its development is the growth of its established research profile, which builds on RAE 2008 where 40 per cent of research was classified either world leading or internationally excellent.

Research in the School of Life, Sport & Social Sciences reflects the interests of staff in disciplines including social and psychological aspects of transport, visuomotor control, elderly life choices, mental health and wellbeing. Forensic and legal psychology focuses on eyewitness memory/testimony, police processes and juror behaviour while the Communities and Societies Research Group supports and facilitates social research across disciplines and over a range of approaches, encompassing both empirical and theoretical research.

The Applied Psychology and Social Research Group was formed in 2009, bringing together staff engaged in social science and applied psychology research. It promotes understanding of the individual and society within themes of

Childhood, Adulthood & Older Age, Cognition, Perception & Action, Crime & Violence, Experiencing Health & Illness, Migration, Mobilities & Culture, and Subjectivity, Identities & Ethics. The group is committed to engaging researchers, practitioners, policy makers and members of the public in its research through a range of knowledge exchange activities. It collaborates with a number of other universities and a range of agencies including the City of Edinburgh Council, Community Food & Health Scotland, the NHS, Women's Aid, and Strathclyde Police.

The Biomedicine and Sports Science Research Group worked with the Olympic Medical Institute and UK Sport to investigate the effects of pollution, heat and humidity on athletic performance in the build up to Beijing 2008. The data generated will be used to provide advice to athletes competing in future Olympic Games. Other areas of research interest include investigations in elite sport like golf and cycling and the health impacts of exercise for diabetics. The Microbiology & Biotechnology Research Group comprises expertise in diverse areas including remediation of soil and water environments, host-pathogen interactions during infection with bacteria such as Salmonella and Listeria monocytogenes, novel approaches to the detection and control of microorganisms and the ecology and functional analysis of industrially and environmentally significant bacteria.

Faculty of Health, Life & Social Sciences

Academic Profile

Jackie Johnston

MSc Health Administration Programme Leader

Jackie became a Registered Sick Children's Nurse in 1981 and a Registered General Nurse in 1982. Before moving into Higher Education she was a team leader working with community nurses and now maintains her links with practice to inform her teaching.

"Enhance your knowledge and skills within a broad international context..."

"Healthcare systems are increasingly complex and present challenges to professionals who are responsible for their efficient and effective provision, particularly when resources and budgets are limited. A number of government and international policies and drivers now emphasise the need to prepare practitioners working in the rapidly evolving healthcare world to acquire the necessary knowledge and skills to plan, implement, deliver and evaluate practice to ensure its effectiveness.

"The provision of healthcare services is characterised by high demands on services constrained by limited budgets, especially in today's financial climate. Calls on healthcare organisations for greater investment in individuals with managerial and administrative capability combined with leadership continue to rise. There is therefore a need to prepare individuals who can optimise the use of resources, enhance their knowledge and skills base and apply them to their professional context.

"Our MSc Health Administration degree is designed to be attractive to graduates who have a middle or senior management role within health or social care, or who aspire to such a role, and wish to enhance their knowledge and skills to further improve their effectiveness.

"The focus of the programme is very much applied to the workplace and contains more varied and appropriate choice to meet the diverse needs of potential students and their employers. The modules are directly relevant to those working in health at home or abroad.

"It is an innovative programme with a multi-professional approach which will allow you to develop the knowledge and skills required to continue at a more advanced level and enhance your career. It is designed to prepare you to function more effectively within this complex and rapidly evolving sector and enhance your knowledge and skills within a broad international context."



MSc

Aquatic Ecosystem Management

This course provides essential theory and practical training in the science and sustainable management of lakes, rivers, estuaries and coastal seas. This is an industry relevant course developed in conjunction with government agencies at the forefront of policy development.

It covers all aquatic ecosystems in the context of EU legal requirements making this course particularly relevant to employers. As well as providing you with a good theoretical knowledge, we offer you a practical course that will help you acquire skills through the application of theory to real scenarios. This includes training in field and laboratory techniques, ecological assessments, identification and bio-monitoring, and data analysis. You will learn how to manage and sustain aquatic ecosystems and their resources in response to habitat pollution.

These skills will greatly enhance your employability in the industry.

You will develop the specific skills required to work on all aspects of aquatic ecosystems including marine, freshwater, microbiology and toxicology. You will also gain a good understanding of relevant UK and EU legislation and how it is used by the industry, plus the commercial organisations involved in water and waste treatment and the government bodies involved in regulating them.

This course is also available as an MSc by Research.

Subjects include:

- > PgCert: Scientific Methods; Freshwater Ecosystems and Fisheries; Marine Ecosystems.
- > PgDip: Sustainable Catchment Management; Field & Laboratory Skills; Environmental Quality Assessment or Biodiversity & Conservation.
- > MSc: Independent research project.

Entry requirements

An honours degree or equivalent in a science discipline. Alternative qualifications combined with appropriate experience may be considered on an individual basis. For specific international entry requirements see page 177.

Career prospects

Projects are often carried out in conjunction with outside agencies who are also potential employers. The skills you gain will prepare you for work in a number of areas.

These can include environment agencies, conservation organisations, water companies and fisheries. The emphasis on research skills in this course also equips you to continue on to possible PhD study within the School and a further academic career.

MSc

Biomedical Science

This course has been designed to help you pursue a career as a professional biomedical scientist or take a leading role in research and development. The course is supported by an internationally recognised and highly active biomedicine research group with strong links to healthcare industries, research institutes and the hospital and NHS sectors.

You'll gain a detailed critical knowledge of immunology, toxicology and molecular biology and their application to biomedical science.

You'll also undertake a research project which can be conducted in research institutions, academic laboratories or the pharmaceutical industries both in the UK and across Europe.

The course is studied full-time over one year or by individualised part-time study with attendance.

This course is also available as an MSc by Research.

Subjects include:

Advanced Immunology; Biology of Disease and Therapeutics; Molecular Pharmacology & Toxicology; Research Skills - Molecular Analysis; Molecular Pathogenesis of Microbial Infection; Drug Design & Chemotherapy; Research project.

Entry requirements

An honours degree in biomolecular sciences, such as biology, biomedical science, pharmacy or molecular biology. Alternative qualifications plus appropriate experience gained in the pharmaceutical or healthcare industries or as a medical laboratory scientific officer may also be acceptable. For specific international entry requirements see page 177.

Career prospects

The skills you gain will prepare you for work in a number of areas. These can include hospital laboratories, healthcare industries, National Health Service or local government. If you already work in the biomedical sciences, you can expect advanced personal development and career progression. This qualification provides a platform for further research and study to PhD and a further academic career.

MSc

Biotechnology

Biotechnology is the fastest growing sector within the life sciences and predictions say its global expansion will become a key driver in the world economy.

This course will equip you with versatile skills in the theoretical understanding and critical evaluation of advanced principles of biotechnology and with practical skills to underpin a career as a research scientist or within business in new product development and R&D support management.

You will gain specialist research skills and technical expertise, as well as broader, transferable scientific skills. You will develop a critical understanding of key concepts in biotechnology including technologies driving discovery, new product innovation and development as well as the business principles underlying commercialisation.

You will also undertake a Research Project to use and further develop your technical and professional skills. You may also have the opportunity to undertake your project in industry or a research institute, enhancing the professional experience you gain.

This course is studied full-time for one year or by individual part-time study with attendance.

This course is also available as an MSc by Research.

Subjects include:

Cell Technology; Business & Bioethics; Research Skills - Molecular Analysis; Biotechnology & Drug Discovery; Molecular Pathogenesis of Microbial Infection; Options - Advanced Immunology, Current Practice in Drug Development or Molecular Pharmacology & Toxicology.

Entry requirements

An honours degree or equivalent in the biomolecular sciences (microbiology, biotechnology, molecular biology, genetics, biochemistry and biomedical sciences). Applicants with appropriate experience in biotechnology or related industries and research laboratories will be considered. For specific international entry requirements please see page 177.

Career prospects

This course provides opportunities for laboratory, research, R&D support management and product development work in industries ranging from the global giants to smaller biotech companies in food, beverage, biochemical, environmental, medical and pharmaceutical sectors. Opportunities may also exist in contract research companies and service providers to the biotechnology sector, in addition to local government. This qualification also provides a sound platform for study to PhD and a further academic career.

PgDip

Career Guidance & Development

MSc

Career Guidance

As a Careers Guidance professional, you will be working with young people, adults, parents, teachers, employers and training providers. These courses equip you with the knowledge you need to successfully advise clients on finding their way through the confusing maze of employment pathways.

Running successfully since 1974, with an excellent employment rate for graduates; our postgraduate diploma course combines academic study with practical professional training, including seven weeks of work placement.

With its focus on one-to-one interaction, the role of Careers Advisor requires specialist interpersonal skills. On the diploma course, you will acquire effective interviewing techniques and well developed communication skills. You will learn and put into practice the latest counselling techniques, while developing the necessary research and teamwork skills to carry you into a successful career. The diploma is studied full-time for one year.

Our MSc Career Guidance is a distance learning research route for those with relevant experience who wish to further develop their professional skills by analysing or evaluating an aspect of their work through academic study.

Subjects include:

- > PgDip: Professional Practice 1 & 2; Policy & Organisations; Career-related Information & Learning; Labour Market Studies; Career Development Theory.
- > MSc: Social Research Skills for Career Education & Guidance; Career Education & Guidance Dissertation.

Entry Requirements

PgDip: An honours degree in any discipline. Equivalent qualifications will be considered if you can demonstrate the appropriate skills and knowledge to study effectively at an advanced level. For specific international entry requirements see page 177.

MSc: A PgDip Career Guidance & Development plus relevant work experience.

Career prospects

Career and unemployment advisory roles exist in a number of sectors. Areas or organisations you may consider include Careers Scotland, University Careers Services, voluntary sector and training organisations. Progression to MSc will assist the continuing professional development of career guidance professionals.

PgCert

Complementary Healthcare

This course enables you, as a health professional or complementary therapist, to critically explore the role played by complementary therapies in symptom management and promoting and sustaining health, particularly in the areas of mental health and palliative care. You will develop an in-depth understanding of the practice and principles of qualitative research, and may choose to explore health issues at local, national and international levels. You will acquire the skills needed to critically engage in the debate surrounding the role of complementary therapies in promoting and improving health, in light of the increasing demand for such services from the general public.

The skills this course will develop include the ability to evaluate the effectiveness of therapies in symptom control and the critical interpretation of them.

You will gain the experience needed to engage in dialogue and debate with health professionals from different traditions about the role of complementary therapies, and their potential as a cost-effective complement or alternative to traditional healthcare. You will also learn to conduct qualitative research and critically analyse the resulting data, and recommend appropriate complementary therapies in specific cases.

This part-time course is normally studied over three trimesters.

Subjects include:

Promoting and Sustaining Positive Mental Health; Qualitative Research Methods; Option of Health Improvement, International Health and Social Care or Symptom Management in Palliative Care.

Entry requirements

An honours degree in complementary or orthodox healthcare, or equivalent. For international entry requirements see page 177.

Career prospects

Complementary therapies are becoming more popular, and are often used today within orthodox healthcare settings. This qualification will provide you with enhanced employment opportunities, whether you are operating as a complementary health practitioner or not and also open the door to further study at the Diploma and Masters level.

MSc

Conservation & Management of Protected Areas

This course is designed to provide training that encompasses a wide range of theory and the necessary skills for people who currently manage protected areas or who seek such careers. In addition the course is relevant for careers such as guides, outfitters, concessionaires, researchers and enforcement officers who also require training in the operational management of National Parks.

The course will include technical skills required to manage protected areas, such as wildlife management, land restoration and management, pollution abatement and mitigation. It will also consider the role humans play as residents, visitors and employees. It will focus on international examples based on staff consultancy work and experience offering a worldwide appeal.

This course is also available as an MSc by Research.

Subjects include:

Humans & Wildlife; Scientific Methods; Wildlife Management; Evolution & Taxonomy; Field & Laboratory Skills; Management of Aquatic Protected Areas; Research Project.

Entry requirements

An honours degree or equivalent in ecology, wildlife biology, geography, aquatic or terrestrial biology, zoology, conservation management, agriculture or land management. Alternative qualifications may be considered. For specific international entry requirements please see page 177.

Career prospects

You will have the opportunity to enter a wide variety of fields relating to ecology, conservation and land management. As a graduate you will have access to jobs in conservation and resource management at regional, national and international levels as well as consultancy and there is always the potential to pursue a further higher degree.

MSc

Drug Design & Biomedical Science

If you're interested in a career in the fascinating and challenging world of drug design, this course, unique in Europe, blends biomedicine and pharmaceutical science into one comprehensive programme that focuses on the integration of modern organo-medicinal chemistry and molecular biology.

Your learning will be based on modern drug design practices, as used in today's pharmaceutical industry. You will study every step involved in developing and creating effective drugs, from concept to clinic, including the theories and practical applications of chemical drug design and immunology, toxicology and molecular biology. Involving discovery, innovation and application, this is a course that offers the potential of a rewarding and fulfilling career.

On graduation, you will leave with the knowledge, understanding and practical experience you need to forge a career. You will possess in-depth understanding of disease processes and molecular targets, and an ability to apply knowledge and theory to all aspects of drug design and biomedical science. Equipped with the ability to follow developments in the field, you will learn to apply them to your work, and make innovative contributions to the industry that will benefit others.

Your research project can be conducted in research institutions, academic laboratories or pharmaceutical industries in the UK or Europe.

This course is also available as an MSc by Research.

Subjects include:

Current Practice in Drug Development; Advanced Immunology; Molecular Pharmacology & Toxicology ; Research Skills - Molecular Analysis; Biotechnology and Drug Discovery; Drug Design and Chemotherapy and a Research Project.

Entry requirements

Normally, an honours degree in the biomolecular sciences (biological or biomedical sciences, chemistry, pharmacy, pharmaceutical or medicinal chemistry, immunology, genetics, virology, molecular biology or forensic science). Equivalent qualifications will be considered, as will appropriate experience gained in the pharmaceutical or healthcare industries. For specific international entry requirements see page 177.

Career prospects

The rapidly developing pharmaceutical, bioscience and healthcare industries are all eager to employ qualified drug discovery or biomedical scientists. You could establish a laboratory-based career, such as research or product development, for example, with global pharmaceutical companies, developing biotech companies, contract drug testing, hospitals, NHS, local government or health and safety divisions. Alternatively, an academic career or further studies to PhD level could be your preference, with opportunities available at institutions all over the world.

MSc

Ecotourism

This ground-breaking course, the first of its kind in the UK, is based on the experience of our staff working worldwide in wildlife conservation, developing sustainable livelihoods through the conservation of communities and natural resources. It combines both cutting edge research and practice, with a strong emphasis on the skills required for a better understanding of the natural environment.

You do not necessarily need to have a biological background as you will quickly become aware of the main scientific principles. You will also gain a strong business knowledge and valuable consultancy experience which provides you with the skills for future employment.

You will gain a variety of both scientific and business skills including ecological field skills, contract tendering, questionnaire design and analysis, marketing, proposal and report writing. The applied nature of this course also encourages the development of generic skills that will make you more employable including communication, IT, problem solving, research and teamworking.

This course is also available as an MSc by Research.

Subjects include:

- > PgCert: Scientific Methods; Humans & Wildlife; Environmental Management for Ecotourism, Tourism Concepts & Issues or Managing Heritage Tourism.
- > PgDip: Field & Laboratory Skills; Evolution of Taxonomy; Case Studies in International Tourism or Tourism, Hospitality & Events Live Project.
- > MSc: An independent research project.

Entry requirements

An honours degree with a suitable background in biology, tourism, geography, language, psychology or business. Alternative qualifications combined with appropriate experience may be considered. For specific international entry requirements see page 177.

Career prospects

As a rapidly expanding industry, graduates with an up to date knowledge are invaluable to consultants and practitioners alike. The skills you gain will prepare you for work in a number of areas including the United Nations Development Programme, local and national government organisations, NGOs, consultancy and the tourism industry. The emphasis on research in this course equips you with the knowledge and skills required to continue on to PhD study within the School and a further academic career.

MSc

Pharmaceutical Science

This course provides expert critical and technical knowledge related to the development, analysis and production of medicines, the drug industry and regulatory affairs. You will study recent trends in chemical, biological and biotechnological therapeutics and evaluate the latest technologies used in the pharmaceutical industry. You will also gain an understanding of the processes and methods used in clinical trials and the regulation of medicines.

You will acquire a broad knowledge of contemporary, integrated drug discovery strategies and develop the skills to communicate effectively across the key, diverse component disciplines with other professional scientists and non-specialist audiences. You will develop the attributes necessary for a successful career in pharmaceutical science, undertaking lead research, development or management roles in the drug and healthcare industries.

Overseas students can benefit from using their awards to access the Post-Study Work Visa initiative to qualify for visa extension, as a first step towards obtaining possible permanent employment in the UK.

This course is also available as an MSc by Research.

Subjects include:

Current Practice in Drug Development; Molecular Pharmacology & Toxicology; Current Topics in Pharmaceutical Science; Research Skills - Molecular Analysis; Biotechnology and Drug Discovery; Drug Design and Chemotherapy; Research Project.

Entry requirements

Normally an honours degree in the biomolecular sciences (pharmacy, pharmacology, pharmaceutical or medicinal chemistry, biological or biomedical sciences, chemistry, immunology, biotechnology, genetics, virology, molecular biology, forensic science).

Equivalent qualifications will be considered, as will appropriate experience gained in the pharmaceutical or healthcare industries. For specific international entry requirements please see page 177.

Career prospects

A large proportion of graduates enter laboratory-based and research management-based product development work in industries ranging from the big pharmaceutical companies to developing biotech companies, contract drug testing companies and service providers to the pharmaceutical and healthcare industries, hospital laboratories, NHS and local government.

Alternatively you might pursue PhD studies across the pharmaceutical and biomolecular sciences.

MSc by Research

Sport & Exercise Science

If you have a particular research interest in sport and exercise science, this postgraduate research degree allows you to explore the subject in depth and provides an excellent platform for progression to PhD level study.

The qualification you will gain is equivalent to a third of a PhD and mainly consists of a major research project and formal research methods training. It also offers you potential links to industry. There may be an opportunity during this degree to link with a business partner to form a mini knowledge transfer partnership within an area that complements your research interests.

Applications are particularly welcome in the following areas of research:

- > Physiology: Exercise interventions with diabetics, the obese or those with Parkinson's disease; Impact of ageing on sporting performance; Cycling physiology; Active transport (cycling, walking); Thermoregulation during exercise; Workability and occupational physiology; Impact of air pollution on athletic performance
- > Psychology: Stress and coping-interventions and responses; Factors affecting physical activity levels in special populations
- > Coaching: Talent identification and development; Evaluation of coach education programmes
- > Biomechanics: Biomechanics of Golf; 3D analysis of swimming; Dynamic profiling
- > Exercise Immunology: Biomarkers of lymphocyte cellular senescence.

The course is studied full-time over one year, or part-time over 20 months.

Subjects include:

Major Research Project.

Entry requirements

A first or upper second class honours degree in a related Sport and Exercise Science area. Lower level qualifications with appropriate equivalent experience may also be considered. For specific international entry requirements see page 177.

Career prospects

This course is specifically aimed at helping you progress into further study and research in the area of sport and exercise science, either as a PhD student or research assistant. This enables you to enter the academic profession as a researcher or a university lecturer. Other opportunities exist in sports governing bodies, professional sports, national sports institutes and the NHS.

MSc

Sport Performance Enhancement

This course applies the scientific principles underpinning sport to the context of performance enhancement. Traditionally sport science has been based on three foundational scientific disciplines - physiology, biomechanics and psychology. You will either study two of these disciplines in breadth or a single discipline in depth along with a negotiated independent study. You will also study research methods and data analysis and will work as part of an interdisciplinary team providing support services for an athlete client, which will expose you to a range of practical and ethical issues associated with support work.

The MSc course structure will give you the opportunity to develop your expert knowledge in a specialist area of the science of sport performance and develop applied techniques which will enable you to develop a career in sport science support, academic research, teaching or other science based professions.

The applied focus of this course is supported by modern, well-equipped and well-supported laboratory facilities.

This course is also available as an MSc by Research.

Subjects include:

- > PgCert: Scientific Methods; Biomechanics & Performance Enhancement; Psychological Interventions for Sport Performance Enhancement; Applied Physiology and Sport Performance; Independent Study Module.
- > PgDip: Sport Science; Support of Performance Athletes; Management; Contemporary Issues in Sport Performance; Independent Study Module.
- > MSc: Independent research project.

Entry requirements

An honours degree or equivalent in a sport-science related discipline. Alternative qualifications combined with appropriate experience may be considered on an individual basis. For specific international entry requirements see page 177.

Career prospects

At present there is no professional accreditation of MSc courses through the British Association for Sport and Exercise Sciences (BASES). However our close alignment of module content to the requirements of supervised experience would help you achieve BASES accreditation if supervised experience is continued after completion of the course. Sport science support is a growing field. Many professional sporting bodies now employ sport scientists in a performance support role and this course is ideally suited for students with an interest in this area. The emphasis on research skills also equips you to continue on to possible PhD study and a research or teaching career.

MSc

Wildlife Biology & Conservation

Preserving wildlife despite accelerating change to the natural world represents one of the greatest challenges to modern conservation. This course is designed to train you to meet this challenge. You'll develop and apply existing knowledge of biology to issues of wildlife management and conservation. Through a practical approach, you'll gain wildlife management skills in advanced investigation and population analysis, wildlife capture, protected area management and wildlife veterinary skills.

You'll benefit from our excellent research projects undertaken around the world. Our close industry links include Edinburgh Zoo, the Large Carnivore Initiative for Europe, university and game departments in Swaziland and national parks wildlife translocation services in South Africa.

You could also conduct an independent research project for publication, possibly in Europe or South Africa, gaining unique field experience not available on any other UK course. You'll develop:

- > advanced analytical skills for population investigation and management
- > practical skills including capture and handling of large wild animals, veterinary skills, tranquillisation and transportation of wildlife
- > transferable skills including communication, IT, problem solving, research and teamworking.

This course is studied for one year full-time, two years part-time or by distance learning with occasional attendance for field work. It is also available as an MSc by Research.

Subjects include:

Analysis & Management of Wildlife Populations; Scientific Methods; Humans & Wildlife; Biodiversity & Conservation; Evolution & Taxonomy; Field course; Research project.

Entry requirements

A 2:1 honours degree in Zoology, Ecology or a related subject. For specific international entry requirements see page 177.

Career prospects

This course aims to train interactive wildlife managers and thus equips graduates for employment with private consultancies, government conservation agencies, non-governmental agencies and charities operating in the field of wildlife conservation.

The scientific nature of the course also allows for further postgraduate study at PhD level.

Tel: 08452 60 60 40 / +44 (0) 131 455 2801
Web: www.napier.ac.uk/postgraduate



MSc

Advanced Practice (and associated routes) for practitioners in the public, health and social care services

As a practitioner in the public, health and social care services, you are expected to be innovative, provide leadership and make an advanced contribution in your professional role. This course will enable you to do just that in your specialised area of practice.

This flexibly delivered course will allow you to advance and develop in your career in a generic or specialist manner. You can determine the focus of your studies and if so desired you can advance and develop the core knowledge and skills that underpin an advanced role or develop these in a specialist area – eg applied education, out of hours care, cancer nursing, child protection or learning disability practice.

You will build on your existing knowledge and abilities by applying critical appraisal skills to policy and practice throughout this course.

The course will also enable you to apply new knowledge and skills to achieve advanced and specialist levels of practice and influence decision making at both local and strategic levels.

Subjects include:

Exploring Professional Roles in Practice; Research Methods; Work-based Learning; Contemporary Ethical and Professional Issues in Healthcare; Leadership; Dissertation.

Entry requirements

You must be a practising practitioner working in the public, health or social care services with a BSc (Hons) or equivalent professional experience. If English is not your first language, you must have a minimum IELTS score of 6.5 or equivalent. For specific international entry requirements see page 177.

Career prospects

On successful completion of the course, graduates will be well-equipped to undertake roles as Nurse Consultants; Clinical Managers; Lecturers in Higher Education; Education Managers; NHS Division Educators; Advanced Neonatal Nurse Practitioners or Advanced and Specialist Practitioners in other agencies.

PgCert

Anaesthetics & Recovery

As a registered nurse or operating department practitioner (ODP) currently working in a department of anaesthesia, you may be considering upgrading your position to anaesthetic assistant. This course - the only one of its kind in Scotland - has been developed in partnership with clinical experts to give you the knowledge, skills and professional approach you need to progress to the next stage of your career. Conducted online only, it is ideal for the busy professional who needs to be able to structure their study to suit work and family commitments.

You will graduate with an advanced qualification that meets the criteria required by the NHS Education for Scotland (NES), and a step up to a more rewarding phase of your career.

The course has been designed to meet the NES Portfolio of Core Competencies for Anaesthetic Assistants to a Level 11 standard. As such, you will learn all aspects of the theory and practice behind safe, holistic care in the anaesthetic and recovery phases of perioperative care. You will also develop your skills in critically assessing and reflecting on changes in techniques and approaches, as well as decision making and effective communication.

This course is to be studied over one year, and will involve you in online learning with teaching staff on hand to support you if necessary. There is no face-to-face teaching element in this course.

Subjects include:

Anaesthetics & Recovery.

Entry requirements

A degree in a health (including nursing), biological or social science area. In addition, you will need to be a registered nurse or operating department practitioner (ODP) working in a department of anaesthesia with identified nominated anaesthetists who have completed or are enrolled in the NES programme for Clinical Supervisors.

You must have your line manager's support and a mentor who: holds a position in the NHS that enables them to access or facilitate learning experiences for their student; holds a specialist qualification and/or postgraduate qualification or equivalent experience; holds a recognised mentoring qualification; is willing and able to spend time with you on a regular basis and has experience and training in teaching students. For international entry requirements see page 177.

Career prospects

Specifically designed for progression to the position of Anaesthetic Assistant, this course will allow you to apply for roles both within and outside your current workplace. The course's alignment with the NES Core competencies at a high level will lend a higher degree of credibility to your application, leaving you well-placed for a successful career. This course can also lead to further study, as you top-up to a masters qualification.



PgCert

Clinical Research

(Subject to validation)

As a professional involved in Clinical Research you will be aware of the complex nature of this topic. This novel programme has been developed in collaboration with prominent healthcare and pharmaceutical partners. Taught by experts in the field, it adheres to the strictest EU/FDA regulations and has been externally approved by other UK higher education institutions, clinical research organisations and the Institute of Clinical Research.

To date, we have delivered these modules to students in North and South America, Europe, the Middle East and Asia. They utilise an online model and a blended approach including face-to-face sessions in Edinburgh. We have an excellent success rate with this programme and now boast in excess of 100 graduates all over the world.

The programme will be delivered jointly with the Institute of Clinical Research (<http://www.icr-global.org/>) which is well established as the largest professional clinical research body in Europe and India.

Subjects include:

Theory of Clinical Research; Legislation & Regulation of Clinical Research; Practice of Clinical Research

Entry requirements

An honours degree or equivalent.

Career prospects

Qualification will consolidate your Clinical Research role and demonstrate a clear understanding of the components of the field. In a complex and increasingly competitive environment you will have the skills to develop or diversify your role. These qualifications could also be utilised to undertake further study, eg a flexibly managed MSc in Clinical Research.

MSc

Counselling (Brief Psychological Therapies)

In this flexible, professional development course you will acquire theoretical knowledge and clinical skills in counselling and psychological therapies. As part of this eclectic programme, a range of interventions will be covered, including cognitive behavioural therapy (CBT), cognitive analytical therapy (CAT), counselling and motivational interviewing.

You'll study part-time through a combination of online and practice-based modules, alongside work in clinical practice. This can include placements with voluntary organisations, private practice, through your employer or in an existing role. You'll develop your practice according to your own aspirations with the full support of staff from Edinburgh Napier University and the Counselling and Psychotherapy Training Institute (CPTI).

You can enrol for individual modules or for an award at PgCert, PgDip or MSc level. The flexibility of the course allows you to move from individual modules to an award or from one level of award to another, allowing you to study in your own time, at your own pace. Completion of this course can contribute towards accreditation from Counselling & Psychotherapy in Scotland (COSCA) and the British Association for Counselling & Psychotherapy (BACP).

Subjects include:

- > PgCert: Counselling & Motivational Interviewing; Cognitive Behavioural Therapy; Cognitive Analytical Therapy.
- > PgDip: Applied Cognitive Behavioural Therapy; Applied Cognitive Analytical Therapy.
- > MSc: Research Methods; Dissertation.

Entry requirements

An honours degree or equivalent in a relevant subject area such as nursing, psychology or social work. This course is suitable whether you are entering counselling training for the first time or have already had some prior experience. For international entry requirements please see page 177. You will be required to attend an interview if you are applying for an award but not if you're applying for individual modules.

Career prospects

The demand for practitioners trained in talking therapies is growing and you will have the specialist training and skills to pursue opportunities within this area. These can include enhanced development opportunities within occupational areas in the health and social care services, as well as opportunities for self-employment as a counsellor.

MSc

Health Administration

This innovative course is designed for graduates who have, or aspire to, an administration role in health and social care. The multi-professional approach will allow you to develop the knowledge and skills required to continue at a more advanced level and enhance your career development.

The course will prepare you to work effectively within the complex and rapidly evolving environments of health and social care.

You will have the opportunity to enhance your knowledge and skills set within a broad international context. Learning, teaching and assessment methods focus on providing you with engaging and contemporary materials which link practice and theory and challenge you to take a critical perspective on both.

Subjects include:

Leadership and Finance for Effective Service Delivery; Contemporary Human Resource Management; Behaviour & Management in Organisations; Clinical Governance & Improvement Practice; Exploring Evidence to Improve Practice; Option: Contemporary Ethical & Professional Issues in Healthcare or International Health & Social Care.

Entry requirements

Usually an honours degree in a subject related to health sciences or management. Equivalent ordinary degrees or non-degree level professional qualifications will also be considered and recognised prior learning will be considered on an individual basis. If English is not your first language, a minimum IELTS score of 6.0 is required. For international entry requirements see page 177.

Career prospects

This course will enable you to be innovative, provide leadership and prepares you as a professional healthcare manager. Critical appraisal of culturally relevant health and social policy is used to help you achieve advanced levels of practice and influence decision making at local and strategic levels. Overseas students may use exit qualifications to obtain access to UK graduate employment initiatives, such as the Post Study Work Visa, your first step towards gaining permanent employment in the UK.

MSc

Neonatal Practice

(Subject to validation)

As an experienced 'Qualified in Specialty' neonatal nurse, you are expected to be competent and up-to-date with current evidence-based practice. This course will provide you with opportunities to further develop your professional role and career. You'll determine the focus of your studies and if you wish, will advance and develop the core knowledge and skills of the proficient neonatal practitioner into that of an advanced practitioner or specialist within neonatal care, eg ANNP, teaching and learning, research or service delivery.

You will develop an in-depth understanding of the theory required to practice at a higher level in a clinical environment; practical skills including neonatal assessment and decision making and competence in a range of extended and advanced clinical interventions and transferable skills in teamwork, critical thinking and evaluation, communication, information technology, time management, prioritisation and workload planning.

Based over two to three years part-time, this course is delivered using a blended learning approach including online learning, clinical practice experience, taught classes, tutorials and seminars.

Subjects include:

- > PgCert: Theory & Practice of Neonatal Care 1; Contemporary Issues in Neonatal Practice.
- > PgDip: (With ANNP) Theory & Practice of Neonatal Care 2; Independent & Supplementary Prescribing for Nurses & Midwives. (With Education) Effective Learning & Teaching in Higher Education; Assessment; Evaluation & Support; Professional Study & Practice. Options: Clinical Governance; Child Protection; Leadership, Service Development & Quality Initiatives.
- > MSc: Research Methods; Dissertation.

Entry requirements

You must be a Registered Nurse (Adult) or (Child Health) or Registered Midwife with a degree in nursing, midwifery or a related subject. If English is not your first language, you must have a minimum IELTS score of 6.0 or equivalent. In addition, you must be:

- > 'Qualified in Specialty' with a minimum of three years experience working in neonatal care
- > working in a practice environment that complements the focus of the programme and allows you to achieve all learning outcomes
- > have the written support of an appropriate mentor and approval from your clinical manager to study.

Career prospects

You will enjoy increased employment opportunities in the nursing profession and will be well-placed for advancement in your neonatal nursing career, or a move to an education or research-based role.

PgCert

Out of Hours & Unscheduled Care

This course has been developed for practitioners undertaking a role that supports out of hours and unscheduled care and will enhance your ability to carry out this responsibility effectively.

The course has been designed, developed and is delivered in partnership with clinical experts in order to increase your knowledge base, enhance your professional role and ensure completion of the NHS Education for Scotland (NES) Core Competencies for Out of Hours Unscheduled Care Practitioners.

Subjects include:

Independent and Supplementary Prescribing; Work-based Learning; Advanced Clinical Practice Portfolio.


Entry requirements

You must be a practitioner working within out of hours and unscheduled care. You must have your line manager's support and a mentor who:

- > holds a position in the NHS or the SAS that enables them to access or facilitate learning experiences
- > holds a specialist qualification and/or postgraduate qualification or equivalent experience
- > holds a recognised mentoring qualification
- > is willing and able to spend time with you on a regular basis
- > has experience and training in teaching students.

Career prospects

Graduates will be well-equipped to work within an out of hours and unscheduled care role having demonstrated successful completion of the NES Core Competencies for Out of Hours and Unscheduled Care.

A photograph of a modern building interior, likely a lecture theatre or hallway. The foreground is dominated by two blurred figures of people walking from left to right, wearing light-colored shirts. The background shows a curved wall with the text 'Lindsay Stewart Lecture Theatre' and a set of wooden doors. Large windows on the right side allow natural light into the space. The ceiling features a circular light fixture.

Lindsay Stewart
Lecture Theatre

Tel: 08452 60 60 40 / +44 (0) 131 455 2801
Web: www.napier.ac.uk/postgraduate

Faculty of Health, Life & Social Sciences

Student Profile

Maria Antony Dhivyan

Chennai, India

MSc Drug Design & Biomedical Science

Antony's work includes the use of chromatography techniques, molecular biology and immunology.

"Edinburgh Napier had a tailor-made course that suited my needs..."

"After I finished my Bachelors Degree in Bioinformatics in India, I wanted to continue my education in a field related to drug discovery and the development of clinical therapy. I was positive a degree abroad would help my personal development as well as aid me in increasing my overall perspective of my chosen industry. Edinburgh Napier University had a tailor-made course that suited my exact needs. Their high graduate employability rate was also a motivational factor.

"Edinburgh Napier's main speciality is that it's not like the other traditional universities, which gives room for the University to be more innovative and think further ahead. The University is more relaxed, which makes the learning process for the student fun, but the course and the assessments still require hard

work and commitment, which makes the study interesting at the same time as challenging. Professors are very friendly and helpful, sometimes making me wonder how people with such accreditations could be so down to earth - that's one of the strengths of the Edinburgh Napier culture.

"Students here have everything at hand, from the amazing computer services to the various individual labs in relation to each field of study. Overall the facilities provided by the University, from academia to leisure, help students enjoy a great educational experience.

"Apart from my educational interests, one important reason I chose this University was because it was situated in Edinburgh. Edinburgh is a friendly city - fun; with all the necessities for a comfortable student life. There is a classical aura and it's not too large making the entire city easily accessible, I am glad I chose Edinburgh."



Academic Development

The following programmes of study are offered by the University's Academic Development department.

Customised Programmes

With a Customised Programme, you can build your own individual programme of study to achieve an award at Postgraduate Certificate, Diploma or Masters Degree level.

Customised Programmes give you the flexibility to design a postgraduate course of study that focuses on your background, personal aspirations and career development. We have a great range of subject modules that you can use to design your own degree course - it's a flexible system based on our recognition that everyone is different and that we may all follow different educational paths. With the help of an academic adviser, you can design a course that reflects your personal aspirations.

Customised Programmes enable you to potentially select modules from any part of the University's postgraduate provision rather than follow a named postgraduate route. The modules combine to build a coherent course that can lead to the following awards: PgCert; PgDip; MA or MSc. Alternatively, you could choose to study a module or two for your own personal or professional development.

A wide choice of subjects

We have a wide range of modules, covering many different subject areas, giving you the freedom to take a new direction or explore new areas of interest.

Your personal adviser

Your adviser will work with you to help you construct a programme of study that suits your future needs and goals and will also give you support and advice throughout your time at Edinburgh Napier. Specialist subject advisers will also help you choose modules that match your particular interests.

Set your own pace of study

You can decide how far to go at postgraduate level and pace your studies to suit your other commitments, studying either full or part-time.

If your circumstances change you can suspend your studies and return later to pick up where you left off.

Build on your previous learning

You do not have to start at entry level or study subjects again. We can give you credit and study exemptions in areas where you already have qualifications or assessed learning from work experience.

Achieve your award at the appropriate level

We have many qualifications on offer at different levels. Once you complete a stage of your studies you will receive the appropriate award. You can always return later and continue on to another qualification.

Credit accumulation

Postgraduate students study modules at SCQF 11 (Masters level) and build up the credit to their award. The credit points reflect both the time and the effort required to complete the module.

If you have credit from other postgraduate study then it is possible to transfer that credit into a Customised Programme. The credit points required for postgraduate awards available at each stage at SCQF 11 are shown in the table:

Credit Points	Credit Level	Award
60	SCQF 11	Postgraduate Certificate
120	SCQF 11	Postgraduate Diploma
180	SCQF 11	Masters Degree

Graduates can also undertake further study at undergraduate level to broaden their knowledge. This study can be for a Certificate of Credit or by completing a programme of study of 60 or 120 credits at SCQF Level 9 or 10, a Graduate Certificate (60 credits) or Diploma (120 credits) can be achieved.

Awards & progression

You can decide to leave at any stage in the Customised Programme, with a qualification as indicated in the table. A Customised Programme is how you will achieve your award. The actual award you receive will include the type of award and the award title. Each individual programme of study and the award title are subject to approval.

Certificate of Credit

If you're studying only a few modules at SCQF 11 (eg to update knowledge and skills) you are entitled to a Certificate of Credit. This is a transcript listing those modules studied; together with credit points and an indication of pass levels.

Fees in 2011/12

Our fees are £570 per 20-credit module for UK and EU students. Higher fees are paid by non-UK/EU students. Full fees information can be found on the Edinburgh Napier University website.

Entry requirements

Your existing qualifications can give you advanced entry. For entry to a full-time Masters course the normal University requirement of an Honours Degree will apply. Alternative qualifications may also be acceptable for other types of courses. In the first instance please contact the Centre for Customised Programmes, based in Academic Development.

How to apply

Any questions, or if you'd like to apply for a Customised Programme please contact us.

MSc

Blended & Online Education

If you are working in tertiary education, this course will enhance your blended and online teaching and learning skills, meeting your individual developmental and professional needs and allowing you to explore current and emerging issues in education. You will have the opportunity to develop, implement and evaluate blended and online learning, teaching and assessment approaches, tools and resources within your own work. Whether you are completely new to blended and online education, or just want to learn more, this course allows you to develop knowledge and skills, and put them into practice.

This is a distance learning course, the duration of which is determined by the exit qualification you study for (PgCert, PgDip or MSc). It is taught part-time and entirely online so you can study independently in your own time. You will use a range of online tools and resources and get the opportunity to interact with guest contributors including internationally renowned experts in this field.

The MSc is recognised by the Staff and Educational Development Association (SEDA). All three exit awards carry individual professional accreditation from SEDA in Embedding Learning Technologies.

Subjects include:

- > PgCert: Introduction to Blended and Online Education; Supporting the Blended and Online Student Experience; Curriculum Design and Development for Blended and Online Learning.
- > PgDip: At this level you will have the opportunity to receive credit for previous qualifications and experience and choose modules which relate to your work.
- > MSc: A focused industry relevant piece of research in an area of your choice.

Entry Requirements

Due to the applied nature of this course you will already need to be working in a substantive teaching and learning, course development, consultancy or other appropriate role within tertiary education. This ensures the relevance of the course and provides a means to learn by actually applying online and blended methods to your work. For specific international entry requirements see page 177.

Career prospects

Although already employed in the further or higher education sector, this course can provide enhanced opportunities for promotion as your improved understanding and skills lead to increased job satisfaction and improved student engagement. You will be better equipped for modern roles in education and prepared for working in diverse online blended environments. You may find work in the areas of tertiary and university education, local and national education projects, teaching blended and online learning and industrial training.

PgCert

Teaching & Learning in Higher Education

As a teaching professional at university or other substantive level, you will appreciate that opportunities for personal and professional development can be rare. This course offers you the chance to gain an accredited qualification through two years' part-time, work based study, concentrating on the subjects of your choice.

This course aims to develop familiarity with the principles of higher education curriculum design, planning and provision. You will explore motivations for student learning and assessment methods, plus the links between research and teaching. Ultimately, you will produce a piece of extended professional analysis and critique that will demonstrate your development over the course.

Through this course, you will gain a number of teaching-oriented skills that will enhance your day-to-day working life, as well as your career prospects. You will develop the ability to critically evaluate rapidly changing contexts of higher education, as well as a student-centred approach to your role as an educational practitioner. Personal evaluation skills and the ability to effectively explore and debate relevant issues will also be nurtured.

Based over two years, this course is recognised by SEDA (the Staff and Educational Development Association), and accredited by the HEA (Higher Education Academy). Completion entitles you to Fellowship of the Higher Education Academy.

If you are a registered nurse or midwife you will also be entitled to register as a teacher on the professional NMC register.

Subjects include:

Effective Learning and Teaching in Higher Education Contexts; Assessment, Evaluation and Support; Professional Study and Practices.

Entry requirements

You will need to be in a substantive teaching and assessment role within higher education or at a higher education level.

Career prospects

Qualification will consolidate your status within your own university or teaching institution. You may undertake the course as part of a probationary programme for new positions, or use it to increase your opportunities for transfer within the university system, upgrade your current standing, or pursue further educationally-focused studies.

Innovate

Imm



vate

Postgraduate study means doing something different; standing out from the crowd. At Edinburgh Napier, it means a head start in the competitive global job market. Our courses directly benefit from close collaboration with industry - they're commercially relevant, professionally accredited and have a high Graduate Employability rating.

Through nine sector-specific institutes of research and innovation, we conduct work ranked world-leading or of international excellence; targeting priority areas with a direct impact on sustainable economic growth. Our excellent track record includes successful spin-outs, 100 knowledge transfer partnerships and in 2009, one of the Queen's Anniversary Prizes for Higher and Further Education.

Research

Edinburgh Napier University is committed to carrying out internationally recognised research which is relevant to the economic, social and cultural needs of Scotland and through which we can deepen our international partnerships. Our activities cover all the priority sectors which have a direct and immediate economic impact and in many of these areas we are world-leading. The UK-wide 2008 Research Assessment Exercise reported that many areas of our activity are world-leading or of international excellence.

We aim to build on our strong track record of transferring knowledge to business and society and have recently restructured our research and knowledge transfer activity into nine research institutes:

- > Institute for Creative Industries
- > Edinburgh Institute of Leadership and Management Practice
- > Employment Research Institute
- > Forest Products Research Institute
- > Institute for Informatics and Digital Innovation
- > Institute for Product Design and Manufacture
- > Institute for Science and Health Innovation
- > Institute for Sustainable Construction
- > Transport Research Institute - TRI.

These institutes and the centres that sit within them will ensure that our excellent research and expertise translates into deliverables which have a measurable cultural, social or economic impact and benefit in Scotland and in other countries where we identify potential applications and benefits. This will include the application of our research to enhancing the quality of teaching in the University.

The University has some real research strengths and success stories - the Biofuels Research Centre, the Employment Research Institute and the Forest Products Research Institute amongst many others. The new institute structure will facilitate the development of many others. We hope that you will find topics here which reflect your academic curiosity.



Knowledge Transfer Partnerships

As the base for the East of Scotland Knowledge Transfer Centre, we're ideally placed to develop strong links with businesses of all shapes and sizes. It's also a great way to work closely with other universities - there are six of them involved in the scheme - enabling and encouraging collaboration between companies, university specialists and postgraduate students.

Knowledge Transfer Partnerships provide funding for projects where everyone benefits. Edinburgh Napier University recently launched a joint initiative with Queen Margaret University which places business development advisers in key academic areas to promote partnerships between university staff and external businesses.

With projects like these our students gain valuable business experience and personal development, we improve the industrial relevance of our teaching and research, and the companies make advances that might otherwise have been beyond their resources.

There is a vibrant research community across the University with areas of exceptional strength where we have developed an international reputation. Elsewhere in this prospectus you will find an overview of current research within the University's three faculties, as well as information on research degrees, student population and how to apply.

Research students

Over half of our research students are in engineering, computing and the built environment and creative industries, with substantial numbers also in the Business School and in health and life sciences. Most expect to graduate with a PhD (after about three years of full-time study, or five years part-time study). Others are planning to get an MPhil (after two years of full-time study or 40 months part-time) or Masters by Research (one year full-time study or 20 months part-time).

Many of Edinburgh Napier's research students are from the Far East, the Middle East and the countries of the European Union. They bring a wealth of experience and contribute to the diversity of the research culture. All research students follow a training programme and those based locally are expected to attend school research seminars.

There are opportunities to be trained in university-level teaching, and most staff training events (eg in IT) are open to research students.

The Research Assessment Exercise 2008 regarded six units of our work as world leading - Nursing; Allied Health; Civil Engineering; Architecture & Built Environment; Library & Information Management; and English.

Research degrees

Since September 2006 the University's Research Office has provided a central hub for research degrees, working closely with faculties and schools. It provides information and advice for research students, as well as dealing with central administrative issues.

The University has introduced a number of improvements for research degree students, including a training programme undertaken during the first few months of study. This covers generic topics such as: what a research degree involves, project management and presentation skills, and research ethics, as well as subject-specific training in research methods provided by the school or faculty. Schools run their own research seminar programmes, which research students are expected to attend and contribute to, with presentations from eminent internal and external speakers.

Research students also have access to the same wide range of IT training programmes and other events as members of staff. Many schools offer opportunities for research students to undertake teaching and lab demonstrations, for which training is provided.

Applying

Prospective applicants need to find out if Edinburgh Napier can provide research degree supervisory expertise in their chosen field or research topic. To check this, look at the research section of each school's website, via www.napier.ac.uk or you may wish to email the person or research team closest to your interests to confirm that suitable supervision would be available. If so, you should download the application form (RD1) from the Research Office website, complete and return it to the Research Office, with two other forms asking for other personal information. When the school has considered your application, you will receive a formal offer letter or, if we cannot offer you a place, a message explaining why - for example, research staff may already have a full complement of research students.

Occasionally funded studentships are available. These are usually advertised in the March to June period on www.jobs.ac.uk and on the University website for vacant posts, www.napier.ac.uk/vacancies. They may be offered in schools' areas of research strength, or they may be to work on specific topics, as part of a research project. You should apply for these studentships in the same way as for other applications, but as they are competitive there are deadlines for applying and it can take a little longer for us to process them and to tell applicants if they have been successful.



Research

Student Profile

Marappullige Priyantha Kumara

Katuwana, Sri Lanka

Kumara is researching the role of mangrove planting density on carbon fixation, sediment fauna, surface accretion and soil elevation in coastal areas susceptible to sea level rise.

“I chose Edinburgh Napier because I knew it would benefit my research...”

“Mangroves are salt tolerant evergreen forests that grow in the narrow intertidal zone of estuaries, lagoons and sheltered bays of the tropics and subtropics. They are an ecologically important ecosystem but highly threatened by predicted rapid sea level rises.

“This motivated me to do a controlled mangrove experiment to find the effects of planting density. Under my research we have planted nearly 10,000 mangrove plants in Sri Lanka in different densities and have been collecting growth, carbon fixation, sedimentation and macrofauna data over the last three years.

“I chose Edinburgh Napier because I knew it would benefit my work and expose me to other mangrove research being done around the world. I wanted to work with Dr Mark Huxham who had already built research connections with Kenyan mangroves and published some interesting

findings. I knew the University already had one PhD student conducting mangrove research in Kenya and had built a strong network of other mangrove researchers.

“The University provides me with all the laboratory facilities I need for studying macrofauna as well as excellent computing and library facilities. I particularly appreciate the facility to access online research journals and use the service while I am in Sri Lanka to download relevant research papers.

“The scientific methods and statistics courses conducted at the beginning of my research gave me excellent lessons on designing and conducting good environmental research. Edinburgh Napier is rich in international students coming from all over the world and I now have friends in many countries. Opportunities to work in the lab as a demonstrator gave me international teaching experience and an extra income!”



"Edinburgh Napier is rich in international students coming from all over the world and I now have friends in many countries."

About us

Ab U



We're Edinburgh's professional university - committed to giving you the right mix of personal and professional skills for a successful career in today's global job market. Our industry relevant courses, high graduate employability and world-leading research will help you fulfil your potential. Postgraduate study is a critical time in your development and at Edinburgh Napier, we will help you exploit that opportunity.

ut us



About us

Achieve more, with Edinburgh Napier University:

95.1% of postgraduate students from Edinburgh Napier University are in work or further study within six months of graduating.*

30k The average salary for a postgraduate leaver in full-time paid work (including self-employment) is £30,010; compared to £20,425 for an undergraduate.*

1 We're Edinburgh's top university for graduate employability (Higher Education Statistics Agency 2010).

92% of postgraduate students from Edinburgh Napier University are working in graduate level jobs.

92% of them are working in the UK.

68% of postgraduate students from Edinburgh Napier University are working in organisations with 250 or more employees.

Our courses and fees are structured to reflect your intended career path - start with a Postgraduate Certificate then progress further as and when you choose to. Some of our courses have two start points during the year while others offer full-time, part-time, distance learning or blended learning options. Join us and gain an edge. You'll benefit from our excellent resources, a very high standard of teaching and outstanding student support.

We are proud of the close links with industry we nurture across our three faculties. Our partnerships with ground-breaking and successful businesses - as well as with other pioneering universities, nationally and internationally, make Edinburgh Napier an exciting and rewarding place to study.

Many of our tutors are experts in their field, enjoying a world-renowned reputation for research and close industry links. A large number of our courses are professionally accredited by industry bodies. Many staff are actively engaged with industry either as practitioners or in research or knowledge transfer programmes. A number of our postgraduate programmes include a work placement in industry as part of the course. More than 3,000 postgraduate students have chosen to study at Edinburgh Napier. Approximately 58% of those students study part-time and more than 1,200 of our postgraduates are from overseas.

*Destinations of Leavers from Higher Education (DLHE) survey 2008/09.



Location



Locca

A woman with long brown hair, wearing a floral tank top, dark jeans, and red sneakers, is sitting on a grassy hill. She is looking towards the right, where a large, classical-style stone temple with four columns and a domed roof stands prominently. In the background, the city of Edinburgh is visible, including a tall, spire-topped building and other historic structures under a blue sky with light clouds. The word 'Edinburgh' is overlaid in large, semi-transparent red letters across the middle of the image.

Edinburgh

This is Edinburgh, the Athens of the North. Scotland's inspiring capital city is a vibrant place. In the TripAdvisor Travellers' Choice Destinations 2010 survey, Edinburgh was the only UK city to feature in the top 25 places to visit in the world...

About Edinburgh

Edinburgh deserves its reputation as one of the most beautiful locations in the world, topping the list of European cities where people would most like to live.

Edinburgh has long been respected as a place of learning. Its four universities attract around 100,000 students, giving the city its own unique buzz. Revel in it. Walk cobbled streets amid the Old Town's historic grandeur then turn to the stunning and sometimes controversial contemporary architecture.

Clean and compact, Edinburgh is a modern, cosmopolitan, European city with a diverse, multicultural community. Be a part of it. Live the Edinburgh life - a year-round artistic, cultural and sporting mix topped with a lively, student-friendly, social scene.

Edinburgh is a UNESCO World Heritage site with a population of approximately 450,000. It boasts more than 4,500 listed buildings and more than 140 parks and public green spaces.

Major tourist attractions, including Edinburgh Castle, the National Gallery of Scotland, the Royal Museum and Museum of Scotland attract millions of visitors to the city each year. The city plays host to a number of festivals throughout the year peaking during the summer months, which include the Edinburgh International Festival, Film Festival and Fringe, and at Hogmanay with the world's biggest New Year street party. In Edinburgh, there's always something to see or do:

www.edinburgh.org
www.list.co.uk
www.edinburghguide.com
www.timeout.com/edinburgh
www.scotland.org
www.theoracle.co.uk

Transport

Edinburgh is easy to get around, with an excellent public transport system. Most of Edinburgh Napier's main campuses and accommodation are within easy walking or cycling distance of each other and they are all connected by regular bus routes. Further information, including driving directions, is available online: www.napier.ac.uk/campusmaps

Air - Edinburgh Airport;
0870 040 0007 or
www.edinburghairport.com

Bicycle - SPOKES (Edinburgh cycle map);
0131 313 2114 or www.spokes.org.uk

Bus - First Group; 08708 727 271 or
www.firstgroup.com
Lothian Buses; 0131 555 6363 or
www.lothianbuses.co.uk

Train - Edinburgh's main station is Waverley, just off Princes Street. Alternatively, Haymarket in the city's west end is another central station.
08457 484 950 or www.firstgroup.com/scotrail



Where are we?

Edinburgh Napier is a multi-site university. Our main campuses are in lively student areas at Craighouse, Craiglockhart, Merchiston and now Sighthill. They offer some of the most modern teaching and learning facilities in Scotland.

Each campus provides the resources and facilities required for the subjects taught there. Your academic time will probably be focused on one campus although, depending on the course you choose, you may need to attend lectures at different campuses.



Craighouse, Craiglockhart, Merchiston and our student accommodation are all within easy walking and cycling distance of each other. Sighthill Campus is just a short bus ride away. All our sites are easily accessible by public transport from the city centre too. Look on our website for more maps and travel advice: www.napier.ac.uk/campusmaps

Our main campuses are:

1. Merchiston Campus

Colinton Road, Edinburgh EH10 5DT.
Located in lively Bruntsfield, Merchiston Campus is a unique blend of past and present with our award-winning 500-seat Jack Kilby Computing Centre alongside the thirteenth-century Napier Tower.

2. Craiglockhart Campus

Colinton Road, Edinburgh EH14 1DJ.
Combining ultra-modern architecture with historic B-listed buildings; facilities include 200- and 400-seat lecture theatres and three digital multimedia language labs.

3. Craighouse Campus

Craighouse Road, Edinburgh EH10 5LG.
A fabulous set of Grade A listed buildings set in serene woodlands provides an attractive learning environment.

4. Sighthill Campus

Sighthill Court, Edinburgh EH11 4BN.
The multimillion pound redevelopment of our landmark Sighthill Campus has made it the home of 5,000 students and staff from the Faculty of Health, Life & Social Sciences. Featuring cutting edge facilities, including a state-of-the-art clinical skills suite and a new sports centre, Sighthill is a campus designed to meet your needs and the needs of the healthcare sector now and in the future.

Accommodation

University accommodation is available at:

A West Bryson Road*

B Wrights Houses

C Riego Street

D Fountainbridge

E Morrison Circus*

*Usually offered to taught postgraduate students. See page 173 for details.

Studying in Edinburgh

Caroline Fahy

Galway, Republic of Ireland
MSc Advanced Structural Engineering

The Forth Rail Bridge, completed in 1890, was the world's first major steel bridge. With a centre span of 521 metres, it is the second largest cantilever bridge in the world and Scotland's biggest listed building. It remains a vital artery in Network Rail's East Coast Line to this day.

"The theory of structural engineering is comprehensively covered..."

"I chose Edinburgh Napier because this course enables me to work towards chartered status when I graduate. One of the course's advantages is that it is focused on structural engineering, unlike other postgraduate courses which cover general civil engineering. This means that the theory of structural engineering is comprehensively covered, while the practical applications are covered through field trips to locations such as the Forth Bridges.

"I decided to study at Edinburgh Napier because of the interesting modules which were available through their postgraduate courses. I have developed a good working knowledge of

structural design using Eurocodes - these are a new development and the modules are constantly being updated to reflect current practices.

"The teaching staff at Edinburgh Napier are all very friendly and approachable and I would recommend the University because of the friendliness of both staff and students. It also has a very high employment rate among graduates.

"Edinburgh is a student oriented city. As a capital city there are plenty of things to see and do, including many different festivals running throughout the year. It is a city which is steeped in history and tradition whilst also being modern and vibrant."



Our resources

During your first week at the University you will be given an induction to the library and computing services which will be central to your studies. This session will give you the skills to use the computing and library systems confidently - how to locate the best computer suite or library for your studies, how to log on to the University network and how to use the email system & virtual learning environment (WebCT).

You'll discover how to use the library catalogue, which provides access to our extensive information collections and how to get the best from them. You'll also take a tour of Merchiston Library to learn more about where to turn for additional help & support while you're studying.

Student portal

After you matriculate at Edinburgh Napier University you will get access to the student portal, which is your personal gateway to our online environment. It offers secure and easy one-step access to all online resources and systems available to help you with your studies and it is the tool that lecturers will use to communicate with you. The portal can be accessed remotely wherever you are in the world to give you access to:

- > WebCT - our virtual learning environment
- > Your personal Edinburgh Napier University email account
- > Secure areas for you to store files on the University network
- > The library system for finding information and using electronic resources
- > Your own student records to matriculate in subsequent years, update your personal records and see your results
- > Teaching and Exam Timetables
- > Online payments

- > Napier Students' Association (NSA), school and departmental websites
- > Powerful search functionality to search student content held on University websites.
- > Communications, including university-wide news and events, NSA announcements and school announcements
- > My Site - your personal website which you can customise and upload documents and pictures to, to share with your friends. You can create your own area to collaborate on projects, set up surveys and discussions and much more
- > Links to selected external electronic resources.

Library services

The libraries at Craiglockhart, Craighouse, Merchiston and Sighthill cater for the information and study needs of the Faculties based there. The services provided by the libraries include:

- > Face-to-face and online real-time help with your enquiries
- > In:form - an online information skills course
- > The textbooks and materials you need for your modules
- > Guidance and support to help you find the books and information you need
- > DVDs, videos and computer equipment
- > Web resources to support your studies

- › Specialist databases providing access to up-to-date information
- › Group study rooms where you can prepare project work
- › Self-issue and self-return machines to cut out any delays
- › Renewal online, over the phone or in person
- › Access to other libraries in the city.

Computing resources

At Edinburgh Napier University, you can access networked resources and WebCT through the student portal 24/7 from home or anywhere with an internet connection. Within the University we provide access to over 1,250 PCs and 150 Apple Macs across our campuses. Opening hours vary, but the 500-seat Jack Kilby Computing Centre at Merchiston Campus is open 24/7.

On campus, we provide access to:

- › PCs 24/7
- › Wi-Fi network connections for your laptop
- › Microsoft Office applications and the internet
- › Specialised software packages, including: CAD, project management, statistics, mathematics, computer programming, and many others to support your studies
- › Mono, colour and acetate printers
- › Scanners and other specialist peripherals
- › A laptop loan service from the main campuses
- › Face-to-face user support for over 70 hours per week in the Jack Kilby Computing Centre and at published times in other suites
- › Convenient vending machines selling IT essentials
- › Special low-priced purchase schemes for software for your own PC.

Whether on or off campus, wherever you are in the world you will always have support by email and telephone from the central C&ITS Support Desk.

Students with disabilities, health conditions or specific learning difficulties

Contact the Special Needs & Diversity team on 0131 455 2929 or email: support@napier.ac.uk

All service points have induction loops; information can be provided in a range of accessible formats and specialist equipment is available at our main campuses to magnify text. There is also an Assessment and Training Centre at Merchiston Campus, which has specialist equipment and software to help support students with a range of disabilities or with specific learning difficulties, such as Dyslexia. In some circumstances, it may be possible to take equipment out on loan.

Language facilities

Our Craiglockhart Campus provides three ultra-advanced Sanako digital multimedia language labs, incorporating state-of-the-art multi-casting computer technology. Each lab comprises 20 student PC positions and one teacher PC position. The teacher can access any of the work being carried out by the students, ensuring the highest quality, unobtrusive tutoring. Central servers provide networked facilities to the labs plus the most advanced languages multimedia teaching resources. Language students can access and continue work on projects started in the language labs, at any PC in the University. For extra study and practice, you can also access a variety of dedicated multimedia language software from any PC.

Student support

We offer support to help you before, during and after studying at Edinburgh Napier. Our Student Affairs Team can assist with your enquiries before you begin your studies; help you while you are a student, with advice on finance, how to access study support or ideas about how to make the most of your time at university; and give career guidance once you have completed your studies.

We also work to help you achieve your personal goals and support your physical wellbeing, emotional health and career progression throughout your time at Edinburgh Napier University, from enrolment through to graduation and employment. The services we provide include careers advice, support for those with special needs and disabilities, counselling, funding, sports and recreation and the University Chaplaincy.

Skills and learner development

Studying at postgraduate level highlights your commitment to personal and professional development planning (PDP). Skills and Learner Development provides opportunities for students to engage in activities that support you while you are on your course, influence PDP and enable development for the future.

Confident Futures

www.napier.ac.uk/confidentfutures

Knowing yourself, what you are good at, what you want out of life and how you can get there is a vital part of planning the way you want your future to develop. The ability to set goals, learn from mistakes, face up to challenges and focus on relevant tasks are important for both

managing your personal life and your career progression. The unique Confident Futures programme of personal skills for professional development assists the process of self awareness, knowledge and developing skilful practices with workshops designed to build well-founded confidence. They will help you to recognise and develop essential skills and attributes demanded by employers. Confident Futures Workshops are free for all Edinburgh Napier postgraduate students. For more information - including what other students have said about our programme, visit our website.

Career development

www.napier.ac.uk/careers

It is important to link your development to the world of work. Our Careers workshops and guidance sessions are tailored to provide the information needed for your next career move. Improving your career prospects is one of the main reasons for studying at this level. So, in addition to giving you access to hundreds of jobs online, our Careers team can help you to make the most of your investment in a course by providing information and advice on how to maximise your employment prospects.



Academic skills development

Email: academicadvisers@napier.ac.uk

Developing the academic skills you need for postgraduate study is stimulating but can sometimes be challenging. Our Student Advisers can help you to enhance your skills and equip you for studying and writing effectively at postgraduate level. Look out for workshops on specific topics. Student Advisers also provide an impartial and confidential service to help you meet challenges, resolve issues and make choices related to your postgraduate journey.

Student mentors

Email: studentmentoring@napier.ac.uk

Our student mentoring programme runs throughout the year and offers you the opportunity to talk to an experienced student mentor with personal knowledge of Edinburgh Napier University. A trained student mentor can offer friendly, informal support and advice. Working with a student mentor can help you to gain confidence in your new field of study.

Spirituality, faith & chaplaincy

Call: 0131 455 2926

We provide spiritual care to all students, staff and guests of the University regardless of faith or belief or lack of one. This service is provided by the Spirituality, Faith & Chaplaincy Service which guides faith groups within the University and assists them in their organisation and events management. A 24-hour helpline is available, for support during times of personal crisis.

Student advice and sport services

Counselling

www.napier.ac.uk/counselling

Our counselling team offers students a wide range of support that is designed to help you deal with any personal problems you may face while studying. This support includes daily lunchtime drop-in sessions, one or two-day training sessions and a wide variety of self-help techniques. Our counsellors can also provide support for mitigating circumstances appeals if your performance in assignments or exams is adversely affected by circumstances outside of your control.

Sports services

www.napier.ac.uk/sport

Call: 0131 455 4437

Email: sport&fitness@napier.ac.uk

Our fully equipped, modern Fitness Suite at Craiglockhart Campus features a range of cardiovascular, resistance and circuit equipment. Power Plate Acceleration Training is available with accredited instructors and we also offer coaching, monthly run and lunchtime walking groups. Our qualified staff are on hand to provide inductions, advice on sports related subjects and individual fitness programmes. Sports Memberships, granting use of the facilities, are available to students, staff, alumni, retired staff and the external community.

Student support

A new sports centre at our Sighthill Campus will include a large hall, suitable for a variety of ball and team sports, and a fitness suite fitted with the latest exercise equipment. Attached to the sports centre will be a biomechanics lab, environmental chamber, exercise physiology teaching lab and exercise physiology research lab providing one of the best sports and exercise teaching facilities in Scotland.

We also work closely with Edinburgh Leisure to provide subsidised access to a wide range of high-quality sport and leisure facilities throughout the region for recreational purposes. In addition, information on the Napier Students' Association Sport Union Clubs is available from www.napierstudents.com or 0131 229 8791

Welcome & induction week

When you accept an offer for a course here, we'll send you an information pack with details of your first week - the Welcome & Induction Week. The pack contains information you will need. During your welcome week you'll be introduced to the library systems, the computer systems and your accommodation. It's important to attend the University this week so when your course starts you're settled-in, have got all the essential information, have ensured your fees are paid, matriculated and ready to focus on your studies.

Special Needs & Diversity

www.napier.ac.uk/specialneeds

Call: 0131 455 2929

Email: specialneedsanddiversity@napier.ac.uk

Members of the Special Needs & Diversity Team are available throughout the year to discuss any additional support needs you may have (for teaching and assessment, classroom equipment, IT and specialist software, accommodation, travel and parking). We will also advise you about your eligibility to apply for Disabled Students' Allowance (DSA). We aim to provide the best possible support for all students with support needs. As it can take some time to put some arrangements in place, it helps if we can discuss any particular needs you have well before the start of your course. If you are thinking of coming to the University, please contact us at the earliest opportunity.

Arrangements can also be made for you to visit specific campuses and meet the School Disability Contacts in the academic areas related to your course choice.

We provide:

- > Specialist help, advice and information for students with disabilities, health conditions or specific learning difficulties
- > Help in assessing your support needs
- > Advice and assistance in applying for 'Disabled Students' Allowance' if applicable
- > An Assessment & Training Centre that offers assessment, support and training for specialist software, hardware and equipment as well as loan equipment
- > Advice on Special Examination Allowances and arranging to put these in place for you
- > Assistance arranging any personal support needed, such as BSL interpreters, note-takers and study support workers.

Student accommodation

www.napier.ac.uk/accommodation

The Student Accommodation Office is here to help you find residential accommodation in Edinburgh. Limited accommodation for taught postgraduate students is available within the University flat developments, usually at either Morrison Circus or West Bryson Road. Both developments offer mainly four- and five-person flats, with single study-bedrooms, a communal kitchen/living room, shower room, separate WC, central heating and car parking. The developments are served by good bus routes to all major campuses and with easy access to Princes Street and Lothian Road - see page 164 for their locations. You can apply online for Edinburgh Napier student accommodation at www.napier.ac.uk/accommodationonline

Information on lodgings, private flats, letting agencies, accommodation websites and temporary accommodation is available on our accommodation web pages. If you arrive in Edinburgh without any accommodation organised, there will be packs available at the main campus receptions to help you in your search. Access to computers will be available so that you can search the internet for suitable accommodation. There are many accommodation websites but we suggest that you visit: www.edinburghstudentpad.co.uk



Napier Students' Association

NSA is the student voice for postgraduate and undergraduate students at Edinburgh Napier University. Check out our web page at: www.napierstudents.com

Every student, full or part-time, who registers for a course at Edinburgh Napier University, is a member of our Students' Association, and can take part in our activities and use our facilities. We are a self-governing organisation.

Students, democratically elected by the student body, determine our policies and have overall responsibility for implementing them and for representing the interests of Edinburgh Napier students.

Our main headquarters is two minutes from the Merchiston Campus.

Student representation

It is vital that students should have a say in their education and student life at Edinburgh Napier. Every class is entitled to elect a programme representative to put forward their interests to the teaching staff and to the Student Senate. The elected Executive is made up of nine students and there is a reserved seat on the committee for a Postgraduate Representative to ensure that the interests of Edinburgh Napier's postgraduates are taken into account. The students' association has representatives on most of the University's committees; is responsible for organising campaigns on issues affecting students at Edinburgh Napier and organises the Freshers' weeks in September and January.

Student welfare

Call: 0131 229 8791

Email: ISAS@napier.ac.uk

The Independent Student Advice Service (ISAS) provides information on a wide range of welfare and education issues from management of your budgets and debts, through housing rights and childcare, to immigration and visa advice, information on employment and consumer rights.

We can advise on all aspects of student life - the teaching process, assessment and procedures and help with student disputes or problems. Advisers offer a confidential one-to-one service and may accompany students in cases of academic appeal, student complaints and student discipline. The service is available at the three main teaching sites by appointment only.

Sport & recreation

NSA supports and funds the activities of many student clubs, sports and other activities, as well as the Sports Union itself. Clubs and societies cover a range of social, cultural, course-related and political activities. Any student, with the support of nine others, can set up a new club and apply for financial assistance from the Association. Napier Students' Association (The Union) is there for you to use. We will help you through life at Edinburgh Napier University, so come along and get involved.



International students

As an international student attending Edinburgh Napier University you'll experience the warmth and friendliness of the Scottish people as well as the country's rich history, geography and culture. All while learning in a first class study environment and enjoying the world-renowned benefits of the UK education system.

Edinburgh Napier University is currently home to more than 3,000 international students from over 100 countries including China, Nigeria, France, Greece, India, Pakistan, USA and Canada.

Many of our students travel a long way from home to study with us and as this will be a major investment for you, we offer several opportunities for you* to take advantage of:

- › Discounts on tuition fees for early payment
- › Opportunity to pay fees in instalments. See page 193
- › University accommodation if you register and pay your deposit before the deadline
- › Welcome service at Edinburgh International Airport at the start of trimester one and two
- › Welcome events for all new international students at the start of trimester one and two
- › Calendar of social events throughout the year, through SENIC (Students of Edinburgh Napier International Club).

*Some of these opportunities are only available to those students who are liable to pay the full overseas tuition fees (eg coming from outside the EU).

Edinburgh – your new home

Scotland's inspiring capital is an exciting place in which to live and study. Edinburgh is a lively, diverse and vibrant city and one of the most beautiful in Europe. Continually topping the list of European cities where people would most like to live, it is home to the Scottish Parliament, and hosts the largest international arts festival in the world.

Edinburgh has long been respected as a place of learning and is home to four universities. The city boasts numerous theatres, cinemas, shops and bars as well as excellent sports facilities. It also offers a range of restaurants to suit every taste and budget, with a good supply of specialist food shops – Halal, Chinese, Asian and many others. The city is clean, compact and safe, and is home to a large multicultural community where all types of religious worship are catered for.

To help you adjust to life in Edinburgh, our International Office will do their best to help you settle in to your new home, providing information and assistance when you arrive and organising events where you can meet other new students.

To help you through the formalities and procedures both before and after your arrival in Edinburgh, further information can be found on the International Office website:
www.napier.ac.uk/international

Postgraduate Entry Requirements

A UK Honours Degree or equivalent is generally required for entry onto our Masters courses.

Please note that entry requirements can vary so please check with Admissions Services or the International Office in advance.

English language requirements

For all our courses, if you do not speak English as your first language you must provide us with evidence that you can read, write, speak and understand English.

In general, the University requires an overall IELTS score of 6.0, with no component below 5.5, for any student whose first language is not English. Please note that some courses may require a higher score and this is noted on the individual course page.

There are a number of equivalencies to the IELTS test, including:

TOEFL IBT	75 - 86
Pearsons PTE	50 - 57

For further information on English language requirements, please contact Admissions Services: pgadmissions@napier.ac.uk



International students

Applying to study at Edinburgh Napier

Applications can be completed online at www.courses.napier.ac.uk by viewing the appropriate course and selecting 'Apply for this course'.

In order for our admissions team to process your application we will need:

- > a valid email address
- > education details
- > language proficiency details (if English is not your first language)
- > a personal statement
- > referee contact details
- > a scanned copy of your degree certificate and academic transcript.

If you require the application form in another format, please email: info@napier.ac.uk

You are strongly advised to apply as early as possible to ensure that there is sufficient time to process your application and apply for your visa.

If you have applied for a course at Edinburgh Napier University and you are not a national of the European Economic Area, you may need to apply for Tier 4 general entry clearance (visa) before travelling to the UK. All students must use a Confirmation of Acceptance for Studies (CAS) to apply for their visas. Edinburgh Napier University will issue a unique CAS number to all students who have an unconditional offer of study and who have paid a prepayment of £3,000 towards their fees. This number confirms that UKBA has given the university permission to 'sponsor' your Tier 4 application. If you apply for your Tier 4 visa using an Edinburgh Napier CAS, your Tier 4 visa will only be valid for study at Edinburgh Napier University.

There have been major changes to UK immigration policy and it is mandatory for all students coming to the UK for longer than six months to obtain Entry Clearance in their own country before travelling to the UK. You must ensure that you check the UK Visas website (www.ukvisas.gov.uk/en/) for the most up-to-date information as there are frequent changes. For students coming to the UK for a course of less than six months there is now a Student Visitor category of visa which you must apply for either as Entry Clearance, if you are a visa national, or on arrival to the UK if you are not a visa national. Student Visitors cannot apply to extend their stay in the UK as a Student Visitor or as a Tier 4 (General) Student.

Overseas offices

We have offices in China and India and a network of overseas representatives in countries such as India, Greece, USA, Norway, Taiwan, Vietnam, Hong Kong and Malaysia, to offer you advice and assistance on applying to study with us here at Edinburgh Napier. To find out if we have an overseas representative in your country please contact the International Office or visit our web pages.

Applying from mainland China

Our office in China is located at:
Edinburgh Napier University China Office,
706 B Winterless Centre,
No.1 Xi Da Wang Lu, Chaoyang District,
Beijing 100026, PR China
Call: +86 10 6538 8108 - Ext: 301
Fax: + 86 10 6538 8109
Email: info@napierchina.com
www.napierchina.com

www.napier.ac.uk/international

Applying from Hong Kong

Our office in Hong Kong is located at:
Unit 1-3, 10th Floor, Tower Two
Ever Gain Plaza,
88 Container Port Road,
Kwai Chung, N.T. Hong Kong
Call: +852 3151 5452
Fax: +852 3151 5499
Email: hongkongoffice@napier.ac.uk
www.napierchina.com

Applying from India

Our office in India is located at:
Edinburgh Napier University India Office,
#304/1, Block 1 White House,
Begumpet, Hyderabad,
500016, India
Call: +91 (0) 40 4240 8800
Fax: +91 (0) 40 4017 1767
Email: india@napier.ac.uk

Fees for international applicants

www.napier.ac.uk/internationalfees
Further information on fees for international students can be found on page 192 or online.

Scholarships

Edinburgh Napier is pleased to offer scholarships to international students. Details of scholarships available can be found on our website.

International student support

Advice and guidance on issues such as immigration, finance, employment and personal concerns is also available for all international students at the University.

Post Study Work Visa

This visa allows overseas students (non-EU) to apply to stay and work in the UK without the need for a work permit for two years after successfully completing their degree programme.

Students who have been living in Scotland and studying at Edinburgh Napier may be eligible to apply. Full details can be found on our website.

Working while studying

Due to visa regulations, students from outside the EU are only permitted to study full-time courses. As a full-time international student you will also be allowed to take paid employment for up to 20 hours a week.

English language support

In-session English study support classes

These classes, including specialist workshops and individual appointments, will be available during the year to complement your studies. These are free of charge for all non-UK students enrolled on undergraduate and postgraduate courses.

Pre-Masters course (35 weeks)

This course is open to students who have a three-year undergraduate qualification plus an IELTS score of 0.5 below the degree requirement. This course has been specially designed to ease students into postgraduate study at Edinburgh Napier. It combines intensive English language tuition with study in subjects that are linked to the student's intended Masters course - ideal as a 'bridge' to a Masters at Edinburgh Napier University.

Pre-sessional summer programme (four or six weeks)

The six week programme is an intensive English language programme which prepares you for study at Edinburgh Napier. The four week programme improves your English and introduces you to Edinburgh and the University. Further information about English language support can be found on our website. Alternatively please email EFL subject leader Dr Monika Foster: m.foster@napier.ac.uk

International students

Student Profile

Nkem Nwosu

Anambra, Nigeria

Nkem is researching a PhD on the manufacture of low cost solid oxide fuel cells utilising hydrogen produced from municipal solid waste.

“My search for a university with a track record in materials engineering led me to Edinburgh Napier..”

“With a first degree in mechanical engineering and having worked in the field as an engineering solutions provider, my search for a university with a track record in materials engineering where I could better appreciate the fundamental properties of different materials led me to Edinburgh Napier.

“I recall how excited I was back home as I read through the prospectus and imagined myself learning what made materials behave the way they do. That excitement proved to be just the tip of the iceberg. My exposure to materials engineering at the University has been wide ranging - from novel research into the application of advanced ceramic materials to how composites, metals and polymers play a role in our everyday lives. I can gladly say that my expectations have been exceeded.

“Besides excellent industry links, the lecturers are exceptional, very knowledgeable and sound in their teaching procedures. Ultimately, being on a laboratory-based course, I can say that the labs are really well-equipped. Practically everything you need for any experiment is available and if you require something that isn't there, the University will get it for you. It has been a wonderful experience and I wish everyone could share in it.

“People in Edinburgh are very friendly and welcoming. I came from a warm region and I initially struggled to adapt to the ever-changing Scottish weather but once I understood the trend and how to guard against it I relaxed and I have now adapted to the peace and serenity the environment offers.”



International students

Student Profile

Louisa Morgan

Washington DC, USA

MSc International Marketing

For her dissertation, Louisa is researching the internationalisation of university campuses and cross-cultural interaction between local and international students.

“My CV has definitely gotten stronger...”

“Before coming to Edinburgh Napier, I worked in international education for four years, organising, administering and marketing exchange programmes for students who wanted to study overseas. This work was very rewarding – as a former study abroad student I knew from experience how cultural immersion has the power to deeply shift a student’s perspective and impact their life.

“I chose a Masters at Edinburgh Napier as a step in continuing my career path in this field. I wanted to get my degree outside my home country because study abroad experience is incredibly valuable; because it makes sense in today’s global workforce to gain a global education and because it would be an adventure!

“I was seeking a programme which would provide me with applicable skills in marketing and intercultural communications. Edinburgh Napier’s International Marketing degree stood out as a good fit because I would have opportunity to spend the entire third trimester specialising in a research area relevant to my career interests. The University’s reputation for equipping students with the real-life skills needed to get jobs and succeed in today’s competitive economy was also very attractive.

“My CV has definitely gotten stronger this past year. I’ve learned many skills including how to craft a strategic marketing plan, how to design a campaign budget or brand strategy, and how to better understand consumer behaviour. My Intercultural Communications class further challenged how I think and talk about my own culture as well as other cultures. In fact, the variety of countries represented made the global subject material really relevant and alive! Edinburgh Napier provides a unique opportunity to learn about not only the Scottish perspective but a whole range of points of view from the other students in your classes.

“Edinburgh is quite compact, which I really like because it makes the city very accessible to get to know. One of my favourite things to do is simply wander through the different neighbourhoods and discover tucked away hidden gems: cafes, pubs, little shops. With the hills and valleys, historic architecture, bridges, turrets and winding cobblestone alleys, you can be walking along; minding your own business, and suddenly a perfectly framed vista will appear around the corner and wow you.”



Join us

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n us

The quickest and easiest way to make an application is to apply online at www.courses.napier.ac.uk. Our online system allows you to upload copies of transcripts and other additional information to support your application. If you are unable to make an online application please call us on **08452 60 60 40**, or **+44 (0) 131 455 2801** from outside the UK, or email info@napier.ac.uk and we'll send you the application form in an alternative format.

Applications

If you are interested in studying one of the taught postgraduate courses in this prospectus and you have the relevant entry requirements, you can begin the application process now. These taught courses will lead you towards a Postgraduate Certificate, Diploma or a Masters award (MA, MDes, MFA, MSc or MBA).

Applications can be completed online at **www.courses.napier.ac.uk** by viewing the appropriate course and selecting 'Apply for this course'.

In order for our admissions team to process your application we will need:

- > a valid email address
- > education details
- > language proficiency details (if English is not your first language)
- > a personal statement
- > referee contact details
- > a scanned copy of your degree certificate and academic transcript.

If you require the application form in another format, please email: **info@napier.ac.uk**

Taught student

We welcome applications for postgraduate courses from students with an Honours Degree in an appropriate subject, or experience which demonstrates that an applicant possesses the appropriate knowledge and skills at Honours Degree standard. Other applicants may be able to undertake a bridging course.

We accept applications throughout the year for our courses, which normally begin at two points in the year - September and January. We advise that you should submit your application as early as possible for the course you want to be admitted to. This is particularly important for courses where there is a quota of funded places as these are very popular.

If you have selected your course and you fulfil the entry requirements outlined in this prospectus then simply apply online at **www.courses.napier.ac.uk**. Alternatively please contact us directly to request an application form in an alternative format.

Your application should expand upon your experience and qualifications and provide details of any additional academic achievements you may have, which are not stipulated for the course (eg industrial courses, professional qualifications, partially completed diplomas or degrees).

If you need any advice or help choosing a course or preparing your application; or if you would like to discuss the qualifications required to meet the entry requirements, contact the Information Office on 08452 60 60 40. They will put you in touch with the appropriate Programme Leader.

If you are applying for more than one course, please list your choices in order of preference. This is important as some course applications are dealt with sequentially and if you are made an unconditional offer for your first choice, your second and third choice will not be considered.

Research student

A research degree (MRes, MPhil or PhD) typically lasts longer than a taught Masters course and involves a higher level of individual study and investigation. The normal periods of study for research degrees vary depending on the award:

- > an MRes is 12 months (20 months part-time)
- > an MPhil is 24 months (40 months part-time)
- > a PhD is 36 months (60 months part-time).

These awards do not follow the same principle as taught courses. Research students are initially registered for a Research Degree Programme and commence their studies without a specified target degree. Progress depends on satisfactory performance in Transfer and Annual Progress reviews. All research students will receive some formal research methods training and a research degree may also offer the possibility of doing some part-time teaching or demonstrating.

Research courses are created between the research interests of the faculty and your own - so if you have seen something about research at Edinburgh Napier that interests you and is in tune with what you want to do, then contact our Research Office to discuss the possibility of becoming a research student here. See page 150 for more information on research degrees and how to apply.

Part-time students

If you are interested in part-time postgraduate study you can apply in any of the ways outlined previously.

International students (Non-EU)

Information for non-EU international students on applying for postgraduate courses at Edinburgh Napier University can be found on page 177.

What happens next?

We cannot consider your application until we have received your completed application form. When we have your application form we will send you an acknowledgement, normally within 10 working days.

You can help us to process your application quickly by ensuring you submit all the required documentation to allow us to make a decision.

This normally includes:

- > a valid email address
- > education details
- > a personal statement
- > referee contact details
- > scanned copy of your degree certificate, academic transcript or non-UK qualifications
- > language proficiency details if English is not your first language.

Once your application has been considered you will be advised of our decision. If you have been made an offer you need to accept or decline that offer. If we fail to receive your acceptance form the place may be offered to another applicant.

Any questions?

Once you have applied, if you have any queries about your application then call:
+44 (0)8455 20 30 50 or
email: pgadmissions@napier.ac.uk

Understanding qualifications

We've included here a description of how levels and credit points are allocated within Scotland, information on the corresponding European framework and details about the professional studies and qualifications available. If you're not sure what education or training is right for you, call or email us or contact your local careers office or Learndirect Scotland.

Scottish Credit & Qualifications Framework (SCQF)

The SCQF is the national framework which will allow you to broadly compare and understand the many different qualifications available in Scotland. Understanding the value of your qualifications will help you to make the most of the learning that you do at college or university, at work, or in your community. The framework below describes qualifications and learning in terms of levels and credits.

SCQF Levels	SQA Qualifications			Qualifications of Higher Education Institutions	Scottish Vocational Qualifications
12			↑	Doctoral degree	
11				Integrated Masters degree / Masters degree Postgraduate Diploma Postgraduate Certificate	SV05
10				Honours degree Graduate Diploma Graduate Certificate	
9			Professional Development Award	Bachelors / ordinary degree Graduate Diploma Graduate Certificate	SV04
8		Higher National Diploma	↓	Diploma of Higher Education	
7	Advanced Higher	Higher National Certificate		Certificate of Higher Education	SV03
6	Higher				
5	Intermediate 2 Credit Standard Grade		↑		SV02
4	Intermediate 1 General Standard Grade	National Certificate		National Progression Award	SV01
3	Access 3 Foundation Standard Grade				
2	Access 2		↓		
1	Access 1				

This Framework diagram has been produced to show the mainstream Scottish qualifications already credit rated by SQA and Higher Education Institutions, however, there are a diverse number of learning programmes on the Framework, which, due to the limitations of this format, cannot be represented here. For more information on other credit rated provision, please visit the SCQF website at www.scf.org.uk to view the interactive version of the Framework or search the database.



Understanding qualifications

There are 12 levels in the framework, with level 11 corresponding to postgraduate and Masters qualifications. At Edinburgh Napier University all Masters level modules are at SCQF level 11. Each modular Masters course is made up of taught 20-credit modules and a larger dissertation module. In the case of the taught 20-credit modules, we expect a typical student to take 200 hours of study time to complete each module. The Masters Dissertation module will usually be either 40 or 60 credits and will therefore take longer to study.

Our postgraduate awards are:

- > Postgraduate Certificate comprising 60 credits of taught modules at SCQF level 11.
- > Postgraduate Diploma comprising 120 credits of taught modules at SCQF level 11.
- > Masters Degree includes the dissertation comprising 180 credits at SCQF level 11.

If you're not sure which postgraduate course is right for you, our ready reckoner (below) is an at-a-glance way to compare and contrast different courses and find the one that's best for you.

Award title	Description	Length of study
Certificate of Credit	> A selection of modules that do not make up an award	> Up to one year part-time.
Postgraduate Certificate (PgCert)	> Three taught modules	> One trimester full-time, up to one year part-time.
Postgraduate Diploma (PgDip)	> Six taught modules	> One year full-time, two years part-time.
Masters Degree (MA, MDes, or MSc)	> Six taught modules, plus a dissertation (equivalent to a further 40 - 60 credits dependent on programme).	> One year full-time, two years part-time (though often you can complete your dissertation part-time after your PgDip).
Master of Business Administration (MBA)	> A Business Management award requiring nine taught modules plus a work-related dissertation project.	> One year intensive full-time, three or more years part-time, blended or distance learning.
Master of Fine Arts (MFA)	> A postgraduate award in the creative arts comprised of a minimum of 240 credits and including a major project.	> Minimum 18 months full-time, 36 months part-time.
Master of Research (MRes)	> Advanced training in research methods, often taken in conjunction with an MPhil or PhD.	> One year full-time, two years part-time.
Master of Philosophy (MPhil)	> Research on a specific topic in your area of expertise, with one-to-one guidance from an adviser and the possibility of doing some part-time teaching.	> Two years full-time, three years part-time.
Doctor of Business Administration (DBA)	> A professional doctorate designed for managers to develop applied research within their organisation.	> Three years work-based learning with five weeks of campus-based study during the course.
Doctor of Philosophy (PhD)	> Further advanced research award. If you're studying an MPhil you have the possibility of transferring to a PhD.	> Three years full-time, five years part-time.
Professional Qualifications	> Including ACCA, IDM, CIBS and CIMA. Generally part-time only. These are for you if you want to achieve a postgraduate level award in the professionally recognised discipline that you already work in.	> One to two years part-time.

European Credit Transfer System (ECTS)

The ECTS is the European framework designed to facilitate the transfer of credit between programmes or courses of study for students who choose to study at more than one European university including exchange students. The ECTS defines credit slightly differently to the SCQF system as one year of study equates to 60 ECTS credits. Edinburgh Napier will recognise and transfer ECTS credits for students entering our courses with prior qualification from European universities. Our Masters courses are ECTS Second Cycle Awards.

For admission you need to have completed 240 ECTS credits and will study a further 90 ECTS credits. A standard Edinburgh Napier module is 10 ECTS credits.

Further information

SCQF website: www.scqf.org.uk

ECTS website: ec.europa.eu/education

Careers Scotland website:
www.careers-scotland.org.uk

Learndirect Scotland website:
www.learndirectscotland.com

Professional studies & qualifications

In this prospectus, you will note a wide range of postgraduate degrees designed to help students face professional challenges, advance their careers and develop both professionally and personally. Many of our courses have professional accreditation and we have established strong links with employers. Our internationally renowned research centres advance industrial thinking and techniques and inform policy and practice.

We recognise that, because of work and other responsibilities; you may not wish to commit to a full degree at the moment and may be considering a shorter course. We offer you the opportunity to enrol on a short course or a single module at a level that suits you. We also recognise that you may just want to update your knowledge and skills in a particular area and we can meet those needs through our range of courses.

We offer a supportive, stimulating and friendly environment in which to develop professional knowledge and skills.

Funding & fees

Home/EU fees 2011/12

Course	Attendance	Standard	Higher
PgCert (60 credits)	Full-time	£1,700	£2,460
PgDip (60 credits)	Full-time	£1,700	£2,460
PgDip (120 credits)	Full-time	£3,400	£4,920
Masters/MSc (180 credits)	Full-time	£3,750	£5,420
PgCert/PgDip	Part-time (per 20-credit module)	£570	£820
Masters top up*	Part-time (for 60 credits)	£350	£500
	Writing-up fee	£102	£102

*A separate fee of £1,300 (Standard) or £1,810 (Higher) exists for students coming to Edinburgh Napier, for the first time, for the Masters element only. Further information is available online: www.napier.ac.uk/pgfees

MBA	Attendance	Home/EU fee
Three year course	Part-time/Distance Learning (per annum)	£3,585
One year course	Full-time	£11,410

Research	Attendance	Home/EU fee
MRes/MPhil/PhD	Full-time	£3,580
	Part-time	£1,790
	By publication	£900
	Writing-up fee	£102

International fees 2011/2012

Taught courses (full-time)	Fees
Classroom-based	From £9,950
Laboratory/workshop-based	From £11,570
MBA	From £12,330
MSc Journalism	From £11,130
MSc Customised Programme	From £10,380

Research courses (full-time)	Fees
MRes/MPhil/PhD	
Classroom-based	From £9,540
Laboratory/workshop-based	From £10,970

All fees quoted in these tables are for entry in 2011/12 and are correct at the time of going to press. Please note that fees change annually throughout the course of your study and are payable in the currency shown here. For further details and up-to-date information on fees, please visit: www.napier.ac.uk/pgfees

Postgraduate fees

Our fee structure has been amended to reflect the intended award of the student. Part-time fees for new students have been structured so that at any given point during the award they mirror the full-time fee. You will pay the same fee for the same award whether you study full-time or part-time.

Courses at postgraduate level start from three modules for a postgraduate certificate through to nine modules for a Masters. Each module is worth 20 credits. Fees for these courses are likely to start at approximately £570 per 20 credit module for UK and EU students. Higher fees are payable by non-UK/non-EU students.

If you wish to study the full MSc then all fees are due and payable at the start of the course. You can initially sign up for the postgraduate diploma and then decide at a later date to continue to do the MSc. This means you will only initially need to pay for the postgraduate diploma.

Fees for UK & EU applicants

Email: fees@napier.ac.uk

Different fees apply to taught courses and to research courses. In addition, certain taught courses carry a premium fee. For further information, please refer to our website:

www.napier.ac.uk/pgfees

Full-time Masters/Postgraduate Diploma courses normally consist of a taught element lasting about nine months, which contains the majority of the teaching and instruction, followed by an element of self-directed study on a project or dissertation. This typically lasts three to six months. In order to obtain a Postgraduate Certificate, students need to successfully complete 15 weeks of study full-time.

Continuing Professional Development (CPD)

You may wish to enrol on one or two modules for your own personal or professional development. In this case, fees would normally be charged on a part-time rate per module, as detailed in the fee table. For more information, please see Customised Programmes on page 144.

Fees for international applicants

www.napier.ac.uk/internationalfees

Fees for international applicants are defined as either laboratory/workshop-based or classroom-based. Laboratory/workshop-based includes most courses offered in computing, engineering (with the exception of civil engineering/built environment), design, music, publishing, photography, film, sports and life science. All other provision is classroom-based.

Early Payment Discount

For students who have fees of more than £6,500, an early payment discount of £150 is available providing full payment is received 30 days before the matriculation date in September 2011.

Fee payment

www.napier.ac.uk/epay

The University requires payment of tuition fees in full prior to or at matriculation and accepts payment by cash, cheque, direct transfer of funds, most forms of credit/debit card or online.

As an alternative to payment in full, self-funding students with a credit or debit card can arrange a recurring card payment of two to six instalments.

Self-funding students with a suitable UK bank or building society account can use our direct debit facility. Payment plans can be set up online using e-Pay (see below) and allow you to pay your fees in instalments. Payment plan options include:

- > six monthly instalments from October until March;
- > three payments in October, January and March; or
- > two payments of 50 per cent each in October and January.

Students wishing to pay by direct debit must sign up for the scheme at matriculation. Instalments are deducted on a monthly basis from October until March.

Ultimately students are responsible for the payment of their fees if their sponsor (government or other) fails to make payment. If you have not paid in full or signed up for our direct debit scheme within four weeks from the start date of the course, debt sanctions will be applied.

Easy paying with e-Pay

www.napier.ac.uk/epay

To make life easier for you, you can pay for a range of fees and services directly over the web. The e-Pay online service allows you to pay your university accommodation rent deposit, arrears of rent, tuition fees and even graduation fees directly over the web, with your credit or debit card. And you can do this 24/7. So wherever you are in the world, whenever you want, you can do this easily and securely online.

Funding & fees

We advise all prospective students to investigate their eligibility for funding at the earliest opportunity. Also, all students should be certain of how they expect to pay their fees and support themselves financially while they study before they matriculate.

Graduate discount

We have recently introduced a Graduate Discount Scheme on postgraduate tuition fees for alumni who have graduated with an undergraduate degree from Edinburgh Napier University and who then progress to either a full-time or part-time taught postgraduate degree course.

- > Maximum 10 per cent discount available (terms and conditions apply)
- > Available to Alumni and current final year students
- > Home, EU and Overseas students are eligible
- > For more information, visit:
www.napier.ac.uk/postgraduate

Funding for course fees

The Student Awards Agency for Scotland (SAAS) allocates a limited number of awards to postgraduate courses, mostly at Diploma level, for Scottish and EU students. Where applicable we have marked the courses with SAAS funded places in this prospectus - these are indicated throughout the course section and carry the funded icon (£).

Student Awards Agency Scotland (SAAS)

www.saas.gov.uk

Call: 0845 111 0243

How the SAAS Postgraduate Student Allowance Scheme (PSAS) works

The Programme Leader for the course you have applied to will select and recommend the names of applicants to receive funded places under the Postgraduate Student Allowance Scheme (PSAS), usually on a first-come first-served basis. Nominees will be advised to contact SAAS who will advise nominated applicants how to apply. You must have been nominated before you can apply to SAAS.

Please note, that there may only be a very limited number of funded places on any individual course. The decision to award a student allowance under this scheme is entirely at the discretion of SAAS - not Edinburgh Napier University - and we advise all potential students to check they are eligible, under current regulations, to receive an award.

While we have made every effort to ensure the accuracy of this information at the time of going to print, it is possible that a course's entitlement, or the number of funded places available on it, could change.

For further information on eligibility for these awards and details on how to apply, you should read the Guide to Postgraduate Student Support, produced by SAAS. You can download the guide from the website: www.saas.gov.uk

You can also contact SAAS on 0845 111 0244. Students ordinarily resident elsewhere in the UK (but outside Scotland) should obtain information about grants from their Local Education Authority.

Funding for research students

www.napier.ac.uk/research

A Research Degree can usually start at any point during the academic year and there are a variety of ways to fund your studies:

- > Studentships are available in some schools and are advertised in the press and on the website as they become available (and on www.jobs.ac.uk). Standard studentships normally offer funding for three years. The school is responsible for the appropriate fees and the student is paid an annual stipend - £13,590 in 2010/11. Students who are awarded a studentship may be required to carry out some teaching within the school.

- > A school may agree to pay the Home/EU level of fees for an overseas student who is then responsible for paying the balance of fees themselves, or through another source of funding.
- > Research Council funded places are available for some students. There are different research councils for different discipline areas:
 - Arts and Humanities Research Council (AHRC): www.ahrc.ac.uk
 - Biotechnology and Biological Sciences Research Council (BBSRC): www.bbsrc.ac.uk
 - Economic and Social Research Council (ESRC): www.esrc.ac.uk
 - Engineering and Physical Sciences Research Council (EPSRC): www.epsrc.ac.uk
 - Medical Research Council (MRC): www.mrc.ac.uk
 - Natural Environment Research Council (NERC): www.nerc.ac.uk
 - Science and Technology Facilities Council (STFC): www.scitech.ac.uk
- > Charity funding may be available. The main charity to fund postgraduate research is the Wellcome Trust. They have a limited number of research studentships for medical research: www.wellcome.ac.uk
- > Knowledge Transfer Partnership funded places allow students to study part-time for a research degree while employed to undertake research in an industrial setting.
- > Enquiries are always welcome for self-funded and employer-funded places on a part-time or full-time basis.

Professional & Career Development Loans

Call: 0800 585 505

UK students may be interested in applying for a Professional & Career Development Loan – a bank loan that you pay back once you've left your course. It's important to make sure you can afford the repayments before you apply. You can borrow between £300 and £10,000 to help you fund up to two years of training (or up to three years if the course includes work experience). The Learning and Skills Council (LSC) pays the interest on your loan while you are training and you do not have to repay until one month

after the end of the training period. The rate of interest is fixed at the time you take out the loan and you will agree a schedule of monthly repayments with the bank. Professional & Career Development Loans are managed in partnership with a number of high street banks and can support a wide range of vocational courses.

Extra financial support from Edinburgh Napier University

www.napier.ac.uk/money

Call: 0131 455 2929

Email: studentfunding@napier.ac.uk

The Student Funding Office at Edinburgh Napier administers the Discretionary Fund (government-funded financial hardship support) which can provide a limited level of financial assistance including help with registered childcare costs, should money concerns jeopardise your ability to continue with or complete your studies. You must be a currently matriculated student of the University to apply to the Discretionary Fund.

Scholarships & grants defined

These are usually funded by charitable donations to the University by individuals or organisations to help specific groups of people. Generally the amount of money is small and is aimed at assisting with living costs, fees, course equipment, travel etc. Amounts are not limitless and conditions will vary depending on the type of scholarship or grant. Full details of the scholarships and grants are available from our website and from the Careers Service.

Student grants

Email: e.kennedy@napier.ac.uk

Funded by charitable donations to the University, student grants provide financial assistance to full-time postgraduate students progressing from an undergraduate course at Edinburgh Napier, who wish either to undertake travel or research projects that will enhance their studies, or support excellence in sport or the creative industries. Application forms are emailed to students in November and May each year by the Development Office. For more information please send us an email.

Open days

To find out more about how you can achieve your aspirations at Edinburgh Napier University, visit our Postgraduate Open Day.

When:

Thursday 7 April 2011
3pm - 6.30pm

Where:

Craiglockhart Campus
Colinton Road
Edinburgh, EH14 1DJ

Our annual Open Day is a great opportunity to visit the University, speak with relevant academic staff and get information and advice on our wide range of full and part-time courses at postgraduate level - either taught or research. You will also be able to find out about our support services, accommodation and students' association. For further details and to register online, visit: www.napier.ac.uk/opendays

Alternatively, give us a call and with a couple of weeks notice we can usually organise a personal visit.

Edinburgh Napier
UNIVERSITY



SCHOOL OF ARTS &
CREATIVE INDUSTRIES

School

and Film Practice

Writing

Project Development

Writing*

Production*

Media Industries

and Entertainment

Disciplinary Design

Production Design

Production

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Contact us

To find out more about Edinburgh Napier University;
for extra detail on anything covered in this prospectus
or to request further information on our courses,
please get in touch:

Web: www.napier.ac.uk/postgraduate

Call: **08452 60 60 40** or
+44 (0) 131 455 2801 from outside the UK

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Or follow us on Twitter

www.twitter.com/EdinburghNapier

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in alternative formats, such as audio, large print
or Braille - please call: 08452 60 60 40,
visit: www.napier.ac.uk/downloads or
email: info@napier.ac.uk

Disclaimers

1. The university endeavours to deliver courses and programmes of study in accordance with the description set out in the University's prospectus. The University's prospectus is produced at the earliest possible date in order to provide maximum assistance to individuals considering applying for a course of study offered by the University, and it is possible that some changes will occur between the date of printing and the start of the academic year to which it relates. The University therefore reserves the right to make variations to the contents or methods of delivery of courses, to discontinue, merge or combine courses and to introduce new courses if such action is reasonably considered to be necessary by the University. If the University discontinues any courses, it will use its reasonable endeavours to provide a suitable alternative course. In addition, courses may change during the course of study and in such circumstances the University will normally undertake a consultation process prior to any such changes and seek to ensure that no student is unreasonably prejudiced as a consequence of any such change.
2. The University does not accept responsibility, and excludes any liability for damage to students' property (other than through the negligence of the University, its staff or agents), or for the consequences of any modification or cancellation of any course, or part of a course, offered by the University.
3. The University cannot accept any liability for disruption to its provision of educational or other services caused by circumstances beyond its control, but the University will take all reasonable steps to minimise the resultant disruption to such services.

University rules, regulations and policies

As a condition of enrolment, all students will be required to abide by and submit to the University's Rules, Regulations and Policies, including Student Disciplinary Regulations, Academic Regulations, Library and Computing Regulations and Health and Safety Rules. These may be viewed at www.napier.ac.uk/regulations or to request a copy of any of these documents, please email: info@napier.ac.uk

Equal Opportunities

Edinburgh Napier University is committed to providing learning opportunities for all and is aiming to create an environment in which students are selected solely on the basis of merit. It is committed to equality of opportunity for all and will not unlawfully discriminate on any grounds.

Sustainability

At Edinburgh Napier University we are committed to reducing the environmental impact of our activities. With a dedicated Sustainability Office, working with all students and staff, we are striving to create an even more environmentally aware ethos. For further information, contact: sustainabilityoffice@napier.ac.uk

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THE QUEEN'S
ANNIVERSARY PRIZES
2009



Mixed Sources

Product group from well-managed
forests, controlled sources and
recycled wood or fiber
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