



**Northumbria
University**
NEWCASTLE

#TakeOnTomorrow

Postgraduate Prospectus 2018

northumbria.ac.uk

#TakeOnTomorrow

At Northumbria University, we embrace tomorrow.

We pursue new thinking, forge new partnerships, create and exchange new knowledge, and find new solutions.

Our inspirational academics, partners and students work together to tackle tomorrow's challenges head on. We're ready for the future whatever it may hold.

Confident and creative in everything we do, we offer leadership and direction in this fast-changing world.

Those with courage will transform lives and make a remarkable impact on the world.

Tomorrow. How will you handle it?

Join us today and we can tackle this exciting new world together.

Contents

About us

We start by telling you who we are, what you can expect from us and what it means to be a part of Northumbria University. We offer research-rich, inspirational teaching and countless opportunities to build your knowledge, CV and confidence. Read on to find out how your Northumbria learning experience will equip you to take on tomorrow, whatever the future holds.

Check out pages 4 to 53.

What's next?

Interested in a different area to your undergraduate degree? Tempted by research? Want to return to learning? Whatever stage you're at, we offer a range of postgraduate courses that will let you pursue your passion, fast-track your career or completely change direction. Whatever your future ambitions, now's the time to get into the detail. Check out our subjects and courses here.

See pages 54 to 127.

The low-down

What's it like to live and study in Newcastle and at our London Campus? A guide to our city and region, and everything it has to offer from student accommodation, shopping and restaurants to culture, beaches and music festivals.

Flick to pages 128 to 148.

Use your time wisely

You only get one life. So make your time count.

Whether you've just completed your undergraduate degree, are in the early stages of your career and want to take the next step, or you're currently juggling a career and family, this is your time.

Use it wisely – develop your knowledge, pursue your interests, build your skills and career, and join a talented, global learning community filled with ambitious, inquisitive people – just like you.

Northumbria is the place to study courses shaped by world-leading research, and created in consultation with students, employers and professional, statutory and regulatory bodies. Here, you'll learn to question, analyse, challenge, innovate and make an impact.

We're connected, so you'll get the chance to work with global companies, study abroad, expand your horizons, pursue new knowledge, and build your CV.

Our inspirational academics will equip you with everything you need to fulfil your potential – professionally and personally. Ready for life beyond graduation – for a future yet to be explored.

“This is your opportunity to develop personally and professionally, transforming who you are, what you do and how you do it, in the best research-rich learning environment.”

Professor Peter Francis
Deputy Vice-Chancellor

We play to your strengths

Your postgraduate degree is a commitment to yourself and your future. So, at Northumbria University your learning experience is tailor-made. You choose the options and projects to develop, specialise and differentiate yourself.

With the right combination of research and industry experience, our leading academics support and challenge you in equal measure.

Whether you've just graduated or are returning to education, clear expectations and feedback mean you'll know where you stand and how you can improve. And interactive learning communities – in the classroom and online – mean we all learn from each other.

“Everything we do at Northumbria is designed to help you achieve and be the best you can be. Your academic experience is at the heart of the university.”

Gill Rowe

Associate Pro Vice-Chancellor
(Learning and Teaching)

Game changing research-rich learning

**Working with world-leading
researchers changes the
way you learn and think.**

We engage in game-changing research that makes a remarkable impact on our world today. More than that, it will have a remarkable impact on you.

As well as Masters taught degrees, we offer MRes and PhD qualifications. No matter which route you choose, you'll be working alongside academics who are leaders in their field. You'll participate in research projects that will allow you to become a researcher in your own right.

We employ some of the best researchers. And we attract impressive research partners like Unilever, GlaxoSmithKline, Nissan, Kellogg's and the NHS. We have a track-record in securing research funding nationally and internationally. All of which creates an unmistakably research-rich learning environment.

**4th largest
increase in
quality-driven
research funding
in the UK***

*(REF 2014)

Research into teaching

You'll benefit from our academics translating their experiences directly into the classroom.

Our inspirational academics are at the forefront of their disciplines.

Making information globally accessible

Professor Gobinda Chowdhury is an internationally-renowned expert in sustainable information systems and services, and research data management. He's successfully managed a number of research projects funded by different bodies including the European Union, Higher Education Academy, Scottish Library and Information Council, various UN bodies and universities.

Professor Chowdhury is currently leading a multi-disciplinary project called NetDiploma.

"My research, editorial and knowledge exchange, plus global leadership activities through the iSchools, enable me to bring multinational and multidisciplinary research perspectives to my teaching, supervision and academic management responsibilities, enhancing the student experience offered by Northumbria."

Gobinda Chowdhury
Professor

Lessons in life

Jane Arnfield is an acclaimed academic and actress. Her work investigates biographical and autobiographical theatre. She collects data of survival mechanisms deployed by human beings in ordinary and extraordinary circumstances including the Holocaust and Cambodian genocide.

As well as using her art to tell stories, Jane builds research through her practice and works to embed this knowledge into her teaching and outreach programmes to ensure lessons are learned, now and in the future.

"My research aims to push the boundaries of contemporary theatre practice. It explores and tests potential synergies between theatre and ethnographic and archival study to help eliminate inequality and injustice. All of this is built into the teaching our students benefit from every day."

Jane Arnfield
Associate Professor

Challenge everything

As active researchers, our academics explore some of the world's most urgent and complex problems. Of course, they share their work through their teaching – they also actively encourage you to build your subject knowledge and develop your research skills.

Be prepared to be constantly challenged to ask the right questions, look at problems in fresh ways, bring together different points of view and justify your conclusions.

Above all, be curious, determined, take risks and get involved.

Question everything, it's the only way things change.

“Northumbria’s approach to research-rich learning prepares you to tackle the difficult questions and challenges you’ll encounter in your chosen career.”

Professor George Marston
Pro Vice-Chancellor
(Research and Innovation)

“With research-informed teaching we begin as guides, then become travelling companions and then finally watch as our students forge on ahead to discover new knowledge territories on their own.”

Ruth Dalton
Professor of Building Usability
and Visualisation

“I had an opportunity to work as an intern for a member of staff in the department and the chance to co-author research projects with them. My experience has led to a conference presentation and a number of paper publications in the pipeline.”

Lisa Swann
MRes Psychology

Changing, challenging world.

We're working to answer some of society's big challenges. These are just eight key questions we're asking.

Join us. Be part of discovering answers to tomorrow's challenges and help transform the future.

Bioeconomy

How do we fight disease in a world where bacteria resist antibiotics?

Future Engineering

What technology will be driving your car and heating your home in 20 years?

Institute of Humanities

Who am I and how do I relate to you?

Environmental and Global Justice

What comes first: people or planet?

Digital Living

How can digital technology make cities more liveable?

Extreme Environments

What would happen to the Earth if all of the ice melted?

Ideate

How can we innovate in design to envision and explore possible futures?

Integrated Health and Social Care

How do we support people with long-term conditions?

Be ready. Tomorrow's coming.

**We want you to succeed.
That's a given. Whatever
your future career ambitions,
we can help you get there.**

At Northumbria, we help you to expand your knowledge, build your existing skills, get the right experience and make the right contacts. So when you graduate, you'll be ready for whatever the world throws at you.

We've got great connections with a fantastic range of educational and industry partners. We provide opportunities to work with leading brands and organisations through projects and placements.

You can even study abroad or build your entrepreneurial skills.

Maybe you're at a crossroads? You've finished your undergraduate degree but want to try something different? You want to take your career to the next level? Or are you looking for a completely new career path? Relax, many of our courses offer a chance to change direction.

Whatever path you choose, we can help you get that job, fast-track your career or start your own business.

Show the world what it's missing.

Follow a new path

Whether you're still studying your undergraduate degree, or you completed it a while ago, dreams and aspirations can change.

The hard work you put into your first degree means you've developed valuable transferable skills. By combining those with a Masters in a completely new subject, you can open the door to a career that suits who you are today.

Regenerate your career

Andrew Clarey was a Landscape Architect for over 10 years. When the nature of the work changed, he became disengaged. He already had an MA and had invested years and considerable expense into his education. He really wanted a change, to feel inspired again, but didn't want to throw everything he'd achieved away.

After an accident, he became involved with a cultural heritage regeneration project in his home town. He was more inspired by this project than anything he'd done in his professional life for years. The idea of changing career didn't seem very feasible, but his gut was telling him he'd regret not taking the chance. So he signed up for the Cultural and Creative Industries Management MA at Northumbria.

"If I've learnt one thing it's this - if you're really passionate about something it's never too late to change direction. You aren't starting over because you'll be surprised by just how many of your skills and previous experience are transferable."

Andrew Clarey
MA Cultural and Creative Industries Management

Relevant and recognised

We make everything you learn relevant, working with employers and students to constantly evolve and improve our courses.

We create industry-recognised courses, and courses that are accredited by leading professional bodies such as the British Psychological Society and the Institution of Civil Engineers.

Northumbria's Business School was the first in Europe to gain AACSB double accreditation in accounting and business (Association to Advance Collegiate Schools of Business).

All of this means employers will instantly recognise your professionalism, code of ethics, competencies and expertise. You'll leave us with the right skills and knowledge to go for it.

More than 400 employers and 64 professional bodies sponsor or accredit our courses.

Keep it real

Another way to build experience is through projects. Working with a real company to answer a real brief. Again, thanks to our extensive connections, we give you opportunities to gain experience at the highest level.

You could find yourself working with companies and organisations like Northumbrian Water, Procter and Gamble, Nissan, and the BALTIC Centre for Contemporary Art, or working on live legal cases while you study.

By the time you graduate, you'll really know what it takes to succeed in the workplace – to respond to a brief, develop innovative solutions, present yourself with confidence and get the job done.

Solutions for business

Supported by Santander Universities UK, our Business Clinic gives businesses a check-up. Part of our award-winning Business School, it's an amazing opportunity to undertake a consultancy project for external clients, supported by highly experienced Business Clinic staff. Analyse the client's problem, consider possible solutions, and present a detailed report with fully justified recommendations.

Make the CEO sit up and listen.

Real working world

Our Masters in Multidisciplinary Innovation focuses on redefining the world we live in through innovation practice. During the course you tackle a series of real-world projects in collaboration with external organisations and enterprises.

“My degree was about team work and doing real projects for clients – a taster of the real working world. We all brought something different to the table, which made for a balance of learning and sharing, and everyone felt valued.”

Sarah Semple

Multidisciplinary Innovation MA/MSc,
Brand Designer & Strategist, Beijing

Worldly-wise

**The world's getting smaller.
Life's become ever more
interconnected.**

Working in a multicultural environment and working across continents is the norm. At Northumbria, we're proud of our global community. Bringing together a wide range of people, from diverse backgrounds and cultures, makes incredible things happen.

You learn from each other, discover new perspectives and new ways of living. All of which tests your thinking and outlook on the world and prepares you for life ahead.

Our Advanced Practice Masters (two-year courses) offer possible opportunities for study abroad, research or work placements in your second year.

We offer exciting opportunities for postgraduate study and visits to countries including France, Australia, Brazil, Japan and the USA.

Passport to success.

Wake up. Set up. Lead.

If you think setting up your own business is in your future, Northumbria is the right place to come.

We offer a free bespoke start-up service for students and graduates.

So, it's no coincidence that more than 153 companies have been started by Northumbria students and graduates since 2011, employing over 1,000 staff, with a combined turnover of £69.2 million.

Get things moving. Make your vision a reality. Join Northumbria today.

**We're number
1 in the UK for
graduate
start-ups***

*Based on estimated turnover and number of jobs created (HEBCIS 2015/16)

"The fact so many of our start-ups are not only surviving but continuing to prosper beyond the crucial first three years is testament to the quality of our support."

Lucy Winskell OBE
Pro Vice-Chancellor (Employability and Partnerships)

What we live by

Whether you're a student, graduate, member of staff, or partner, at Northumbria there are certain traits that unite us.

We know that when we work together, we can achieve more. We celebrate original thinking, continuously searching for new and better ways of reasoning and doing. We take a lead and set new directions. We have the drive to make an impact, leave a legacy, make a positive difference.

Three core traits unite us, inspire us and make us who we are.

Collaboration Innovation Leadership

Work together

Two minds are better than one. Whether we're working in partnership with leading household names, co-creating with our students or driving new knowledge with our partners, we're all about collaboration.



Building excellence

In fact, we're so good at collaborating that our partnership with Ryder Architects has been recognised in the Times Higher Education Awards.

Together, we formed the BIM academy, providing consultancy, research and education activities on Building Information Modelling to global clients in the construction industry.

Most innovative contribution to business – university collaboration

Times Higher Education Awards 2017

Smash conventions

We never accept the status quo. We question everything. Break stuff. Re-make stuff. Continuously reinvent and reshape to make the impossible possible.

Northumbria has a proud history of producing outstanding innovators, including Sir Jonathan Ive (Senior Vice-President, Apple), Rob Law MBE (Founder, Trunki), and Tim Brown (Chief Executive, IDEO, one of the world's leading design consultancies).



If you look at the world in a different way - then Northumbria is the place for you.

We don't just think outside the box, we've never even been in it.

Lead on

We create confident leaders, with the stamina, determination, talent and commitment to inspire and get results. Fit for the 21st century and beyond, our students, staff and alumni do amazing things. Here's just a handful of examples:



Karl Wharton MBE
Recognised by the Queen

Our Senior Lecturer in Sports Coaching has received an MBE for his leading work in gymnastics.



Juliet de Baubigny
Investing in a high-risk career

An International Business Administration graduate (2000), this inspiring woman is a leading venture capitalist in Silicon Valley.



Our swimmers jumped in and took glory

Northumbria students brought home six medals from the Paralympic Games in Rio 2016, including gold in what proved to be Great Britain's most prosperous Games since 1968.



Dr Arnab Basu
A CEO who's inspiring us all

This Engineering graduate is now Chief Executive Officer for Kromek Materials, a company named as one of the '1000 Companies to Inspire Britain 2017' in a report by the London Stock Exchange Group.



Sir Jonathan Ive KBE
Senior VP of Design - Apple

Sir Jonathan Ive is credited as being the designer of the MacBook Pro, iMac, MacBook Air, iPod, iPhone, iPad, Apple Watch and iOS 7. In 2012, he was appointed to Knight Commander of the Order of the British Empire (KBE) for services to design and enterprise.

We don't sit on the sidelines

**At Northumbria, we get involved.
We're not afraid to get our hands dirty.
We fix things.
And we solve problems.
We make a remarkable impact.**



Our staff and students want to make a positive contribution to society.

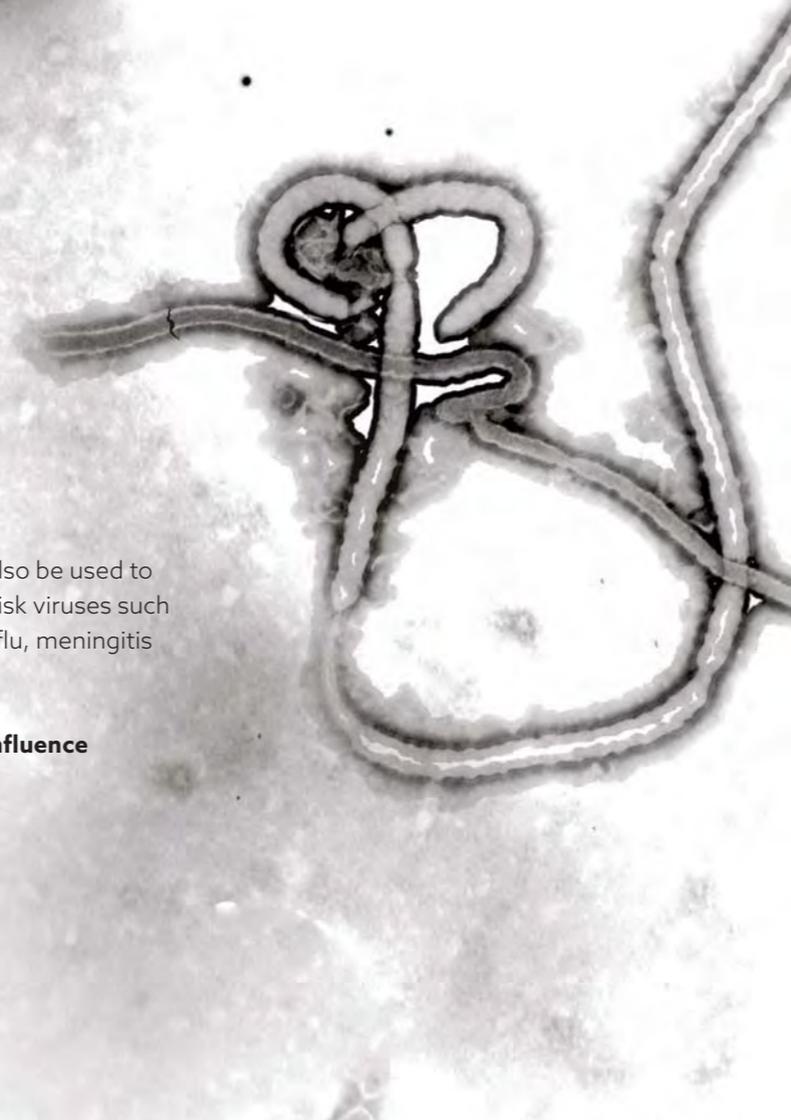
Whether it's through research, a volunteering project or their education – we help transform the world around us, and the community we live in. And we'll help you to do this too.

A faster and safer way to diagnose Ebola

Research led and carried out by Dr Sterghios Moschos at Northumbria has made a breakthrough in rapid, mass screening for Ebola. Patients can be treated much sooner, helping to reduce the spread of the disease and risk to others.

- The technology can also be used to diagnose other high-risk viruses such as Zika, MERS, SARS, flu, meningitis and malaria.

That's a significant influence on mankind.



Putting women's rights first

A research team led by Professor Ngianga-Bakwin Kandala at Northumbria is aiming to eradicate the practice of Female Genital Mutilation (FGM).

Professor Kandala is a world expert in statistical analysis and has spent the last 15 years working with the World Health Organisation, UNICEF and the UK's Department for International Development (DFID) to map global health and disease in developing countries. His aim is to influence future strategic investment, policy and programming in order to end FGM entirely.

Here's to a positive outcome.



Powering life on Mars

We're reaching for the stars. A prototype engine based on solid-to vapour transformation could be used for harvesting energy on the surface of Mars.

The engine is a collaboration between our Department of Mathematics, Physics and Electrical Engineering, and the University of Edinburgh – it could make long-term space exploration possible, and future missions might not need to be 'one way'.

Let the countdown begin.

Come together

The Centre for International Development at Northumbria and The Swedish Red Cross have collaborated on the first global research project of its kind exploring the experiences of local volunteers who work in conflicts and emergencies. The voices of these volunteers are too often missing from academic research, and humanitarian and development policies and decision-making processes.

Bringing together academics, practitioners and policymakers, the research has explored the risks volunteers face, their emotional wellbeing and how being a volunteer can impact relationships with their family and community.

**Making a difference from
the ground up.**

Accelerating young minds

Our Department of Psychology was instrumental in setting up breakfast clubs that have increased school attendance, attainment and quality of life for kids. Professor Greta Defeyter was awarded a Fellowship of the British Psychological Society for the impact of her work. She's making a real difference to children, families and communities.

Spoonful of thinking power anyone?

Establishing a major transplant programme in India

Stephen Clark, Professor of Cardiothoracic Surgery and Cardiopulmonary Transplantation in our Department of Applied Sciences is playing the lead role in bringing heart and lung transplants to state-run hospitals across India.

Before the programme was established, few heart transplants took place in India and anyone needing life-saving surgery had to travel long distances and pay high costs in private hospitals.

Heart-pumping stuff.

Where you belong

**You come to
university to learn.**

That's a given. And naturally, you want to leave ready to take the job market by storm.

At Northumbria, we offer that and so much more. Whether you love sport or culture and creativity, want to make a difference or be part of a global community, this is where you belong.

Through societies, volunteering, team sports and our alumni society, this is your chance to challenge yourself, build your confidence, try new things and meet new people with different ideas and viewpoints. You'll find out what makes you tick and leave with much more than just a degree.

Join in



It's not all work and no play. Far from it. You're in a city renowned for its friendliness, so why not get involved in one of the many societies we've got going on? It's a sure-fire way to make friends.

With over 100 societies to join, from Surf and Snow Sports to Dr Who and the DJ Society, you'll meet people with common interests. Or try something completely new.

Great things don't come from comfort zones.

Up your game

It doesn't matter if sport is your world or if you're taking your first steps towards getting your mind and body on track, Northumbria Sport is the place to get fit, have fun or punch above your weight. We've got something for everyone – exciting challenges, clubs and leagues or just good old gym and group exercise classes. Whatever you choose, you'll be welcomed with open arms. Dig deep.

Show us what you've got.



Ranked 8th in the BUCS league for four years running

In the 13/14, 14/15, 15/16 and 16/17 academic years.

Get involved

If you want to make a difference or there's a cause close to your heart, there are lots of opportunities to become part of our community of volunteers.

At Northumbria, we roll up our sleeves. Students and staff alike get involved in a wide range of volunteer projects. Choose from things like sports, animals, teaching IT, hospital arts or helping the elderly. And with our own magazine, TV and radio stations, you can get your name out there. Volunteering helps you stand out. But don't just take our word

for it. 70% of employers say they prefer candidates with a degree, plus experience. So you won't just be helping others. You'll be helping yourself.



500+ students contribute more than 8,000 hours of volunteering

The world on your side

Join Northumbria, join a global family.

Apart from Antarctica, we have alumni on every continent in the world. All of these graduates are a resource to help you, no matter where you go and what you achieve.

They volunteer to give advice on how to get into a certain career, fund scholarships and facilities for you to use, and they initiate work placements in their organisations. That's the thing about studying here – you never really leave.

You'll always be part of Northumbria.

**Over 194,000
alumni around
the globe**

**We've got alumni
in 167 countries**

Top of our game

Silver teaching excellence award

Teaching Excellence Framework (TEF).

World-leading research in every area

Research Excellence Framework (REF) 2014. The national system for assessing the quality of research in all UK universities.

Shortlisted for University of the year

Times Higher Education Awards 2017.

UK No. 1 for graduate start-ups

Based on estimated turnover and number of jobs created (HEBCIS 2015/16).

5 star teaching and 5 star employability

QS Stars rated for excellence 2016.

Top 50 in the UK for research power

Research Excellence Framework (REF) 2014.

It starts here

Delve deeper into the subject you love. Or move in a new direction.

Here's where you'll find a range of flexible learning options and everything you need to know about our courses.

Discover what it's like to be a student at Northumbria and live in our city.

Let's do this.

What type of postgraduate degree?

These pages contain some useful information about your postgraduate study options at Northumbria, and over the next 76 pages you will find the details of all our courses.

Discover more northumbria.ac.uk/coursesearch

Taught degrees

Masters degrees include MA and MSc qualifications, where you'll learn through lectures, seminars, workshops and experiential study. You will be part of a learning community, responding to the world around you together. You'll have significant choice over how you shape your learning, and can choose modules, projects and a dissertation topic to take you exactly where you want to be in your career.

Masters usually last one year full-time, but there are variations in this. Many offer a two-year Advanced Practice option, where you will have the opportunity to put your learning into practice via a 12-15 week internship, study abroad or a research study project in your second year.

PG Cert and PG Dip awards are qualifications you can achieve by studying fewer modules at Masters level.

MRes degrees also have a taught component, but the majority of your time will be spent undertaking independent research.

You can study for a specific degree to your chosen career, for example LLMs in Law, PGCEs in Education and MBAs. Please see the individual course pages online for more details.

Discover more northumbria.ac.uk/masters

Research degrees

A PhD is the highest qualification you can achieve in the UK. It provides an opportunity to become an expert in a subject area you are passionate about, opening doors to prestigious careers within academia, or to research positions throughout industry and public service.

You can apply for a PhD either straight from a relevant undergraduate degree, or after a Masters if you need to change direction or specialise first.

PhDs generally last three years full-time and consist entirely of independent research, supported by a dedicated supervisor, resulting in a significant piece of original, published research.

Discover more northumbria.ac.uk/researchdegrees



Flexible learning

At Northumbria, we offer a range of flexible learning options, including part-time, distance or blended learning. Giving you the freedom to fit your study around your work and other commitments, and our flexible courses are available across all subject areas.

We also have start dates in September and January for many courses.

Discover more northumbria.ac.uk/flexiblelearning

International Summer School

We are running a three-week summer school in July 2018, including modules on sustainability, corporate social responsibility, design, culture, heritage and sport. A range of field trips and social activities

will help you discover our amazing region.

Discover more northumbria.ac.uk/international-summer-school

Pathways into postgraduate study

Our range of Foundation programmes and Pre-Masters are designed to help bridge the gap between your current academic and English level and your chosen route of study. Not only do we prepare you for study at Northumbria, but you will gain skills that will last a lifetime.

Our Pre-Masters programmes are available at our Newcastle and London Campuses, and will allow you to progress onto many of our full Masters courses.

Discover more pathway.northumbria.ac.uk

Changing direction

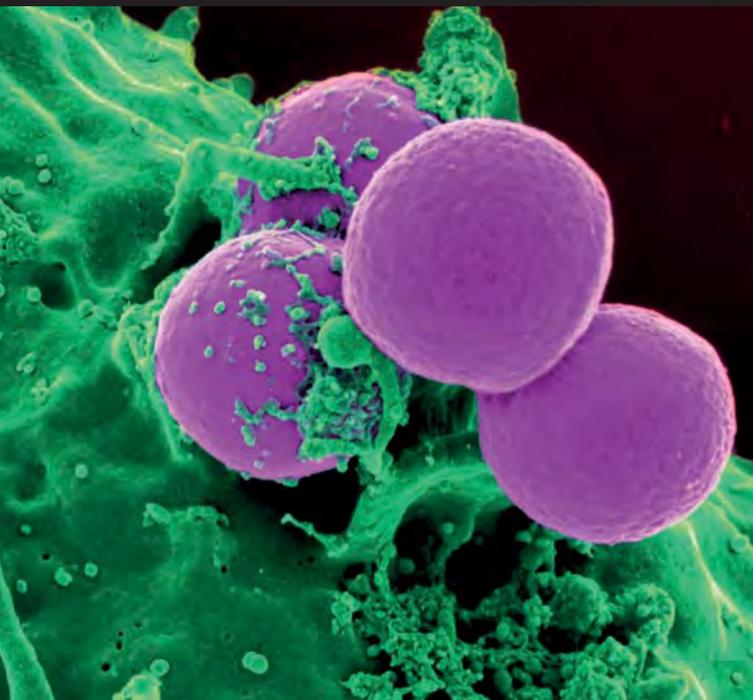
Have you realised that you're interested in a career in a different area to your undergraduate degree? We offer a range of Masters that will enable you to change direction.



Courses with this icon are open to students with an undergraduate degree in a different subject area.

Discover more northumbria.ac.uk/changedirection

Applied Sciences



Applied Sciences at Northumbria offers an exciting and extensive range of specialist subjects including biology, biomedical sciences, chemistry, forensic science, food and nutritional sciences.

Where can our courses take you?

Our postgraduate taught courses are designed to enhance your employability for a career in research and development which needs deeper subject knowledge and specialist technical skills. Our courses guarantee a laboratory based project working on a topic at the cutting edge of science. Our **MSc Forensic Science** is accredited by the Chartered Society of Forensic Sciences, and the **MSc Nutritional Science** enables membership of the Nutrition Society and the status of associate nutritionists in the Association for Nutrition.

Our PhD programme comprises a 3 year research project across the full range of disciplines encompassed by the Applied Science department. You will join a small interdisciplinary cohort researching in purpose-built laboratories with the latest techniques and equipment.



"I love the atmosphere, the teaching staff are amazing and I don't really want to leave."

Nicola Cowley
MSc Microbiology

Game-changing research

Investigating and fighting disease. Creating new materials and medicines.

Our Applied Science academics work at solving science questions across many fields of research and in radical interdisciplinary ways. We are interested in promoting the concept of the Bioeconomy as a future model for scientific and technological development. Examples of current research themes which sit under our central ethos include looking at new ways to identify infection early, investigating chemical processes with no environmental cost, and working to combat global challenges such as Parkinson's, TB and lung disease.

As well as our departmental bioeconomy focus, the research specialisms we work within are:

- Applied Chemistry
- Food Science and Nutrition
- Cell Biology
- Microbiology
- Forensic Sciences

For the latest information on available research positions and our research topics, email: appliedsciencePhDs@northumbria.ac.uk



Real world experience

You'll gain hands-on experience in our laboratories, putting theory into practice and working alongside leading academics on topics which could have a real impact. Your training with us in the latest tools and techniques of your chosen science will allow you to hit the ground running in your first job.

The majority of our departmental research is in collaboration with a range of industrial partners, ranging from large multi-national corporations to small companies based in the region. Your research in collaboration with these business partners will help both of you gain from the experience, and give you an insight into the industrial R&D process.

"The lecturers are very helpful and the course content is very relevant. The course gives me a head start for the real working scientific world, in that it exposes me to the various fields in biotechnology, the latest research and helps me decide what sort of career path I'd like to pursue later."

Priscilla Hong
MSc Biotechnology

Specialist facilities

Our state-of-the-art facilities include over a million pounds worth of the latest instrumentation to analyse genomes and cell biochemistry in vitro. We also have the latest in mass spectrometry and microscopy techniques, a sensory evaluation suite for food science, and a crime scene house.

Teaching of Masters' courses is done by the academics who lead the research groups within the department in a small class mode. Practical work is an integral part of delivery and assessment, with state-of-the-art electronic teaching facilities to support learning.

Inspirational staff

Dr Amanda Jones recently spoke at Soapbox Science event in Newcastle, designed to bring fascinating scientific work from female academics to the public in new and accessible ways.

"Microbial taxonomy is a specialist subject focusing on classification and identification of microorganisms. People often think we use outdated techniques to analyse bacteria, but the fact is we use current technology, with next generation sequencing as a perfect example. These are skills that we teach here on our MSc Microbiology programme."

Dr Amanda Jones
Programme Leader
for MSc Microbiology

Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	PART-TIME
Forensic Science	MSc	✓	✓
Microbiology	MSc	✓	✓
Nutritional Science	MSc	✓	✓
Public Health (Nutrition) (subject to validation)	MPH	✓	✓

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

For PhD availability, email: appliedsciencePhDs@northumbria.ac.uk



Architecture and Built Environment



Want to influence the built environment around the globe, both inside and out? No matter what your subject background, we have courses that will qualify you to make an impact.

Where can our courses take you?

Our taught courses fall into two categories:

Architecture courses (MArch and Interior Architecture PG Cert) are aimed at students who have undergraduate degrees in architecture, and wish to take their qualifications to the next level.

Built Environment courses (Masters in various aspects of Surveying and Real Estate) are open to students from any undergraduate background, and provide access to a variety of careers in this lucrative sector. All six courses are accredited by the Royal Institution of Chartered Surveyors (RICS), which means that when you graduate you will have met all the academic requirements for Chartered Surveyor status.



"I chose Northumbria because the course is accredited by RICS but didn't require any previous experience. The course has really started to open doors for me with my understanding of property and real estate. It's really practical - not just classroom learning. We have been to other cities in the UK as well as all over Newcastle as part of our learning."

Tin Thandar Oo
MSc Real Estate International



"Research-informed teaching is all about the student's research journey: you begin as a guide, then become their travelling companion and finally watch as they forge on ahead to discover new knowledge territories of their own."

Dr Ruth Dalton
Professor of Building Usability and Visualisation

Game-changing research

How do we make sure that smart cities are truly human-centred?

How do we use our digital data to empower inhabitants rather than corporations?

How can we use digital technologies to make cities better and more secure places to live?

Our Architecture and Built Environment academics are helping to answer questions like these as part of Northumbria's pioneering work on Digital Living.

Join the debate, and discuss a future of digitally-enhanced living on many of our taught courses.

If you're interested in PhD research in this area, or in any of our other research areas listed below, we'd love to hear from you:

- Architecture and Urban Design
- Building Information Management
- Construction Management & Economics
- Construction Technology
- Environment & Energy
- Property & Real Estate
- Sustainability & Society (URBaNE)
- Virtual Reality & Visualisation
- Learning & Teaching



Artist impression, Page/Park Architects

Investing in facilities

We are creating a major new learning space for Architecture and the Built Environment courses and research in our historic 18th century Sutherland Building. A contemporary extension by the award-winning Page/Park Architects will incorporate bright and airy studio spaces into one of our most inspiring buildings, and is due for completion by the end of 2018.

We are also constantly investing to ensure our distance learning delivery stays at the cutting edge of interactive technology. You will

have access to all the same software as campus students, through a comprehensive remote desktop.

Real world experience

Our priority is preparing you for the world of work. On campus we'll give you access to industry-standard equipment and software so that you're ready to hit the ground running in your first job. You'll get a chance to work on live projects with our industry partners, and network with our accrediting professional bodies including RICS, CIH, RIBA and the ARB.

Some of our courses are available as Advanced Practice degrees over two years. In the second year, for one semester, you'll undertake an internship, study abroad, or join a research group.

Inspirational staff

David Morton became IKEA's youngest lead architect on the BoKlok 'flat-pack homes' range in 2006. He now teaches on the MArch, and was one of the founding members of Northumbria's BIM Academy.



"It felt really good to give something back. It's a great feeling to bring my experience from more than seven years of training and 20 years of professional practice into the classroom. I love working with students, it's a super creative atmosphere."

David Morton
Senior Lecturer on the MArch, and founding member of Northumbria's BIM Academy



"This course has directly influenced my ability to get on to a graduate scheme with a top real estate firm by giving me insight into the recruitment process, interview prep, and of course the knowledge and understanding to back up my application."

James Dinsley
MSc Real Estate



"Being a part of teaching the next generation of graduates is really exciting for me, because I can use all my knowledge, and all my research to enhance their experience."

Cara Hatcher, Senior Lecturer on the MSc Surveying Distance Learning programmes, and Chartered Surveyor



"As part of the course I got to work in some of the most amazing places. It's always great to the reality from the theory work you do, and put a face to the people that your work affects."

Alexander Furniss
Architecture MArch

Postgraduate Taught courses

COURSE	AWARD	ADVANCED PRACTICE		
		FULL-TIME	PART-TIME	DISTANCE LEARNING
Architecture*	MArch	✓	✓	
Interior Architecture**	PG Cert	✓		
Real Estate	↻ MSc	✓		✓
Real Estate (International)	↻ MSc	✓		✓
Surveying (Building Surveying)	↻ MSc			✓
Surveying (Housing)	↻ MSc			✓
Surveying (Quantity Surveying)	↻ MSc			✓
Surveying (Real Estate)	↻ MSc			✓

*This course does not qualify for a Government Masters loan
**Available to Northumbria University BA (Hons) Interior Architecture graduates only

↻ **Change direction.** Courses offering alternative career options – see page 57 for details.

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters



Arts



BxNU MFA Graduate Exhibition 2017,
Artists: Grace Denton and Vanessa Anthony

Explore your artistic talents and join Northumbria's vibrant creative community in one of the largest departments in the UK for arts, performance, culture, and cultural history.

Where can our courses take you?

Our **Master of Fine Art** programme is delivered in collaboration with BALTIC Centre for Contemporary Art, through the BxNU Institute, and is embedded in the international world of contemporary art practice.

Also delivered through the BxNU Institute, our **MA Creative and Cultural Industries Management** offers a practical approach to creative and cultural leadership. Informed by theory and practice, this programme provides high level professional development to help you succeed in your chosen career.

Our **MA Animation** encourages collaborative and critical working that mirrors industry practice. Recent graduates have found employment in the design, film, TV and games industries in organisations such as Framestore, Passion Pictures, Times Based Arts, and Arcus Animation.

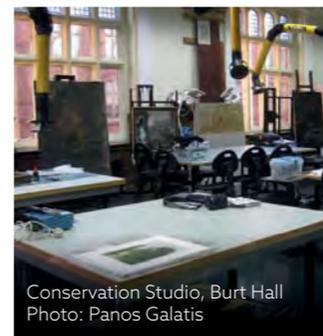
The **MA Theatre and Performance** offers a unique industry experience tailored to your own specialism and professional ambitions, allowing you to showcase your final project to a network of theatre professionals.

Our **Conservation of Fine Art MA** graduates have gone on to gain employment in museums and galleries worldwide (including National Gallery of Scotland, Smithsonian Institute, Rijksmuseum and National Gallery of Australia).

The distance learning format of the **Preventive Conservation MA** allows you to study within your own culture and environment, enhancing your employability in your country. The programme has global reach; one graduate is now Head of Collections at the National Museum of Qatar.



MA Theatre and Performance students Gary Quinn and Paige Hegarty, performing Keep it PG at the MA Final Showcase, Live Theatre



Conservation Studio, Burt Hall
Photo: Panos Galatis

"I'm proud to be a part of Northumbria because they gave me that trust when it was lacking in myself and the confidence to move forward with something that I've always wanted to do."

Simone Gandhi
Master of Fine Art



Artist: Simone Gandhi,
MFA 2016-18

Game-changing research

Research at Masters level in the Department of Arts offers a suite of unique programmes, each with their own spaces, facilities, teaching staff and industry partnerships. This rich research environment cultivates dialogue between postgraduate students and our practice-based PhD programme where a wealth of arts-based as well as cross-disciplinary doctoral research is being carried out. Our unique learning facilities include specialist studios such as Paper Studio Northumbria and Colour Studio Northumbria, and are complemented by cross-faculty opportunities for collaboration with areas such as Physics, Engineering and Chemical Life Sciences.

If you're interested in PhD research in any of our research areas listed below, we'd love to hear from you:

- Fine Art
- Performing Arts
- Art History
- Conservation
- Design History
- Creative and Cultural Industries Management
- Film and TV studies
- Preventive Conservation

Real world experience

You will benefit from working on live projects and gain industry experience with our high profile cultural partners, including BALTIC Centre for Contemporary Art, Live Theatre, Tyneside Cinema, Bowes Museum, St Nicholas Cathedral and Tyne & Wear Archives and Museums. 'Creative Salons' enable Creative and Cultural Industries Management students to experience a community of practice with our institutional partners.

Conservation offers placements with institutions that regularly include the Tate Gallery, National Trust, Bodleian Library, Royal Collection Windsor, V&A, British Museum, National Gallery of Norway, Maritime Museum, Guildhall, Fitzwilliam and the Dutch National Archives. The partnership with the National Trust offers live cross-disciplinary projects, designed to develop the soft skills that have been proven to enhance employability.

Investing in facilities

Our award-winning, innovative partnership with BALTIC Centre for

Contemporary Art has seen the creation of the BxNU Institute of Contemporary Art within Baltic39, a purpose-built arts facility, uniting academic research excellence and cutting-edge contemporary art practice. Northumbria also has its very own contemporary exhibition space, Gallery North, and an important and well-established resource in the Graduate Studios Northumbria. It offers a formidable and unique enterprise area in the Contemporary Arts, supporting and developing innovation, research, production, and professional networking and exhibition practices.

Students will benefit from studio spaces where performance work can be rehearsed and developed, and four spaces suitable for performances of different scales.

There is dedicated studio space packed with high-end facilities and specialist hardware including computers, rendering facilities, stop-motion rigs and a colour 3D printer. And you'll be working with industry standard animation software such as Maya, Houdini, RenderMan, and Nuke.



Jane Arnfield, Associate Professor, Head of Subject, Performance Film & Television Productions. Photo: Simon Banham Quarantine

Conservation boasts specialised labs and cutting-edge equipment including a spectrophotometer and ELAG laser.

Northumbria also has an impressive Art Collection that is used to support teaching, learning and research, which is housed in a newly purposed store with adjacent study area and gallery space.

Inspirational staff

We have a diverse range of research active teaching staff with many years' experience working for major national and international institutions. The staff over the years have developed their own expertise and collaborations with institutions

such as the V&A, Tate Gallery, National Trust and TWAM.

Jane Arnfield has been a theatre practitioner for thirty years. Her practice as research investigates the transference of testimony into solo performance; her directing work focuses on new plays situated in the Theatre of the Real. She collaborates with research partners across Cambodia, Poland and the USA. Examples of her work include performing at Shakespeare's Globe London, playing Imogen in Cymbeline opposite Mark Rylance in New York, The Tin Ring Festival of Love at the Southbank Centre in London, and as a director for The Fall at NYC International Fringe.



Postgraduate Taught courses

COURSE	AWARD	DISTANCE LEARNING		
		FULL-TIME	PART-TIME	
Animation	MA	✓		
Arts	MRes	✓	✓	
Conservation of Fine Art	MA	✓		
Creative and Cultural Industries Management	MA	✓	✓	✓
Fine Art	MFA	✓		
Preventive Conservation	MA			✓
Theatre and Performance	MA	✓		

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

Newcastle Business School



Newcastle Business School has a global reputation for delivering some of the best business management education in the UK. Our Association to Advance Collegiate Schools of Business (AACSB international) double accreditation in business and accounting makes us part of an elite group of business schools worldwide.

Where can our courses take you?

For students with an undergraduate degree in any non-business subject, our **MSc Digital Marketing** or our suite of 'Business with...' Masters will equip you with a broad understanding and the specialism you'll need to pursue a business career. For those interested in commerce across cultures and nations, **MSc International Business Management** will prepare you to tackle global business challenges.

If you already have a business degree then we offer a range of courses that will allow you to specialise and start your career at a higher level, in areas including **Finance**, **Logistics** and **Forensic Accounting**. We also offer courses to help you advance in an established career, including **Coaching** and our flagship **MBA** programme.

On all courses, we focus on experiential and clinic-based learning – where you will develop relationships with real businesses and gain direct experience in problem-solving. This ensures that you will graduate with the skills you need to become one of tomorrow's leaders.



"Studying at Newcastle Business School was the best choice I have made so far academically, professionally and personally. I really enjoyed the freedom to study and research what I was interested in, and to properly engage with the subject."

Ning Li
PhD Marketing
Management

Doctoral study with Newcastle Business School

Some of the research at Newcastle Business School feeds into Northumbria's pioneering work on Global Entrepreneurial Talent Management 3 (GETM3). An international, interdisciplinary research and innovation project funded by the EU's Horizon 2020 stream, to the tune of 950k euros over four years. The overarching aim of the research project is to improve employability and future global talent management to support economic development.

The research project aims to identify and address the talent management issues of the future by working with three stakeholder groups: students and graduates (the future generations), employers (wealth-creators of the future), and higher education institutions (educators of the future).

If this type of research interests you or if you're interested in pursuing a PhD in the following research areas, we'd love to hear from you:

- Digital Business
- Strategic Innovation and Entrepreneurial Leadership
- Responsible Business

As well as these three signature areas, we welcome doctoral students to research all aspects of business, working with our experts in subjects ranging from Marketing and Human Resources to International Business, Logistics and Leadership.

Real world experience

Our priority is preparing you for the world of work, so we build employability into all of our courses. Our accrediting bodies, industry partners and research-active staff ensure that all course content is 100% up-to-date, with a significant element of experiential learning.

On many courses you'll spend a weekend at a **residential event** which builds course community, develops critical transferable business skills and cultural awareness.

On most courses you will take part in a **business simulation game** where students work in teams to make decisions about all aspects of modern business, assess the results of your decisions and reflect on this as part of your wider development.

You may also get the chance to work in our **Business Clinic**, working with real business clients to provide a professional consultancy service, under the supervision of our experienced staff.

Our Student Employability Centre also supports you in taking up further volunteering, placement and internship opportunities.

"I've been blown away by the energy, enthusiasm and ideas the [Business Clinic] team brought to our brief. Working with the students has been a fantastic experience."

Catherine Hearne
Chief Executive at Helix Arts

Investing in facilities

Newcastle Business School delivers excellent teaching in a world-class environment. The award-winning City Campus East comprises 24,000 square metres of academic accommodation at the cutting-edge of design and technology. You'll experience Harvard style lecture theatres designed to encourage debate among students, a Bloomberg trading room allowing you to use real time and historical financial news and information, and a wealth of IT labs, seminar rooms and stylish social spaces.



We have recently invested over £800,000 to move the Business Clinic into its own dedicated premises in the heart of the city centre, with meeting rooms, a board room, an excellent space for networking and conference events, and collaborative areas for student project work.

Inspirational staff

Our students learn from the best – inspirational academic staff with a genuine passion for their subject. Our courses are at the forefront of current knowledge and practice and are shaped by world-leading and internationally excellent research.

Senior lecturer Susan Bickerton was recently named a

Companion of the Chartered Management Institute (CMI), a high profile appointment recognising Susan's business achievements and contributions to the profession of management and leadership throughout her career in public and third sectors. It's the highest level of CMI membership and reflects standing and status in terms of networking, prestige and influence.



Susan Bickerton, Senior Lecturer



All our 1 year Masters are 180 credits and span a full calendar year, or slightly longer if started in January. We also offer most courses as extended Masters over 2 years based on 240 credits (4 semesters). These may be in the form of:

Masters with Advanced Practice

Involves an internship with a company or work in the Newcastle Business School Business Clinic providing consultancy services to a local business. The final piece of work is a consultancy report based on this.

Masters with Study Abroad

Involves studying business subjects in a country other than the UK. You then complete a Masters with a dissertation or consultancy project.

Masters – 240-credit taught

Involves a further taught specialism alongside the dissertation/project, giving the opportunity for a major/minor taught course.

Business Graduate Certificate

This is a credit bearing course that helps you make the transition onto our business Masters courses. By successfully completing two comprehensive modules, you will gain the skills, knowledge and confidence that you need to study on a range of Masters courses. The certificate will give you 60 credits at level 6. As well as being able to study on all the MSc Business courses, you will also be eligible to study on our MA Design Management, MSc Computing and Information Technology and MSc Mass Communication Management.



“The staff here at Northumbria are awesome. They’re helpful, they’re encouraging, they’re motivating and they’re extremely knowledgeable.”

Paige Wheeler
MSc Digital Marketing

Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	PART-TIME	DISTANCE LEARNING	ADVANCED PRACTICE	STUDY ABROAD
Business with Business Analytics	MSc	✓			✓	✓
Business with Entrepreneurship	MSc	✓			✓	✓
Business with Entrepreneurship (London Campus)	MSc	✓			✓	
Business with Financial Management	MSc	✓			✓	✓
Business with Financial Management (London Campus)	MSc	✓			✓	
Business with Hospitality and Tourism Management	MSc	✓			✓	✓
Business with Human Resource Management	MSc	✓			✓	✓
Business with Human Resource Management (London Campus)	MSc	✓			✓	
Business with International Management	MSc	✓			✓	✓
Business with International Management (London Campus)	MSc	✓			✓	
Business with International Management and Finance	MSc	✓				
Business with International Management and Marketing	MSc	✓				
Business with Logistics and Supply Chain Management	MSc	✓			✓	✓
Business with Management and Finance	MSc	✓				
Business with Management and Marketing	MSc	✓				
Business with Management	MSc	✓			✓	✓

Change direction. Courses offering alternative career options, see page 57 for details.

Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	PART-TIME	DISTANCE LEARNING	ADVANCED PRACTICE	STUDY ABROAD
Business with Marketing Management	MSc	✓			✓	✓
Business with Marketing Management (London Campus)	MSc	✓			✓	
Coaching	PG Cert/PG Dip/MA		✓			
Digital Marketing	MSc	✓			✓	✓
Digital Marketing (London Campus)	MSc	✓			✓	
Forensic Accounting	MSc	✓				
Forensic Accounting	PG Cert			✓		
Global Logistics, Operations and Supply Chain Management	MSc	✓			✓	✓
Global Logistics, Operations and Supply Chain Management (London Campus)	MSc	✓			✓	
Human Resource Management and Development	PG Dip/MA		✓			
International Business Management	MSc	✓			✓	✓
International Finance and Investment	MSc	✓			✓	✓
International Financial Management	MSc	✓			✓	✓
Leadership and Management	MSc			✓		
Newcastle Business School MBA	MBA	✓	✓			

Please note: all courses will be run at our Newcastle Campus unless otherwise stated.



Computer and Information Sciences



Want to learn and develop technology for our digital age, or explore the power of data? No matter what your subject background, we have courses that will qualify you for a challenging and rewarding career.

Where can our courses take you?

Our taught courses fall into two categories:

Specialist or Advanced Computer Science Masters allow undergraduate computing graduates to take their qualifications to the next level, or become experts in high-demand skills such as cyber security.

Our **MSc Computer Science** is open to all graduates, and was designed in consultation with industry partners to provide you with the broad IT skills in demand across the sector. Our **Information Science** courses are also open to students from any undergraduate background, and provide access to a variety of careers in this rapidly expanding sector. All our information science Masters are accredited by the Chartered Institute of Library and Information Professionals (CILIP), which is crucial for progressing to Chartership status once you've qualified.

"The course was a mixture of challenging things like working with people who are from different countries and of different natures, which was a most helpful experience for me to develop as an individual and as a professional."

Pritesh Bhole
MSc Computing and
Information Technology



Game-changing research

How do we make sure that smart cities are truly human-centred? How do we use our digital data to empower inhabitants rather than corporations? How can we use digital technologies to make cities better and more secure places to live?

Our Computing and Information Science academics are helping to answer questions like these as part of Northumbria's pioneering work on Digital Living.

Join the debate, and discuss a future of digitally-enhanced living as part of many of our taught postgraduate courses.

If you're interested in PhD research in Digital Living, or in any of our other research areas listed below, we'd love to hear from you:

- Social Computing
- Human Computer Interaction
- Digital Aspects of Living
- Visual and Aesthetic Computing
- Affective and Smart Computing
- Intelligent Systems and Security
- Computer Networks and Systems
- Embedded Systems and Internet of Things
- Information Behaviour and Interactions
- Data, Information & Records Management
- Digital Heritage and Cultural Informatics





Real world experience

Our priority is preparing you for the world of work. We'll give you access to industry-standard equipment and software so that you're ready to hit the ground running in your first job. You'll get a chance to work on live projects with our industry partners, and network with our accrediting professional bodies including CILIP.

Some of our courses are available as Advanced Practice degrees over two years. In the second year, for one semester, you'll undertake an internship, study abroad, or join a research group.

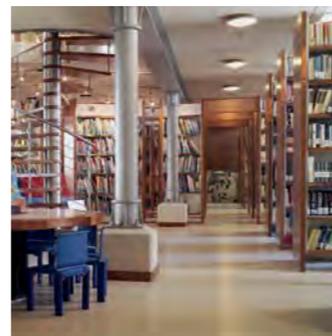
"I'm hoping to find a graduate job within the IT field. I feel like this is achievable through the extremely hands-on and practical approach that this course employs - you get the sense that it really is preparing you for the real world."

Whitney Phillips
MSc Computing and Information Technology



Investing in facilities

A brand new £7 million building (above), to house all Northumbria's Computing and Information Science teaching and research, is due for completion early in 2018. The 'Smart Building' will house cutting-edge technology, flexible work spaces supporting increased industry engagement, and a 'Maker Space', where students can informally collaborate, test and work on new ideas and projects.

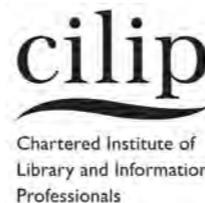
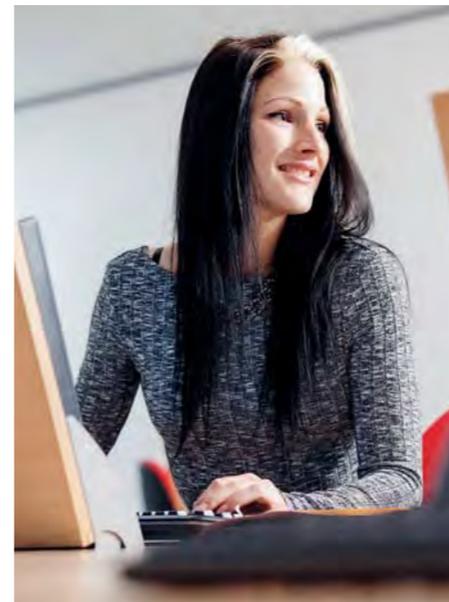


Inspirational staff

David Kirk is a Professor of Digital Living at Northumbria, and recently presented five new research papers at the prestigious annual conference on Computer-Human Interaction (CHI) in Denver, Colorado:

"Over the years my work has been heavily influenced by the sociologists, philosophers and designers that I've collaborated with."

"At Northumbria we have developed really innovative ways of working with colleagues across different faculties and departments to combine our research power and expertise."



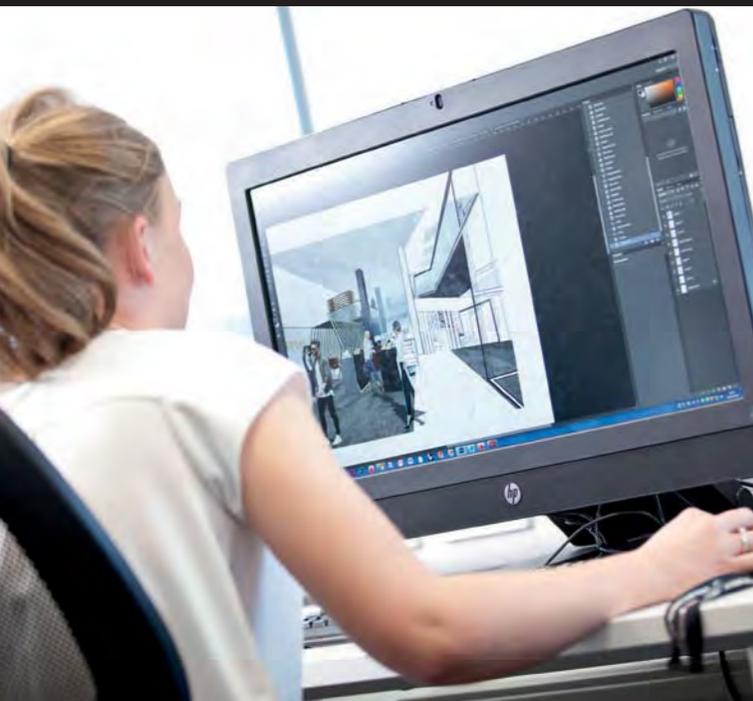
Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	PART-TIME	DISTANCE LEARNING	ADVANCED PRACTICE
Advanced Computer Science	MSc	✓		✓	✓
Computer Science	MSc 	✓	✓	✓	✓
Computer Science (London)	MSc 	✓	✓		✓
Cyber Security	MSc	✓	✓		✓
Cyber Security (London Campus)	MSc	✓	✓		✓
Information Science (Data Analytics)	MSc 	✓		✓	✓
Information Science (Library Management)	MSc 			✓	
Professional Practice in Computing and IT (London Campus)	MSc		✓		
Web and Mobile Development Technologies (London Campus)	MSc		✓		

 **Change direction.** Courses offering alternative career options, see page 57 for details.

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

Design



Want to study at a leading centre for design thinking, renowned for Industrial Design, Fashion Design, Communication Design and Innovation Design? Join us here at Northumbria to share ideas and collaborate with researchers and professors as part of an award-winning creative design community.

Where can our courses take you?

Our **Multidisciplinary Innovation MA/MSc** is a unique course based at the Northern Design Centre in Gateshead, and is open to students from any undergraduate subject background. You will work on a range of live commercial and social innovation projects as part of a multidisciplinary team, developing a level of self-awareness and confidence that employers in all sectors value.

If you already have experience of some aspect of design – either through your first degree or your work – then our **MSc Design Management** will allow you to harness the power of design and innovation in a corporate context.

Our Design courses are innovative, creative and enriched by collaboration. Your options upon graduation are limitless, as evidenced by our illustrious design alumni list which includes Sir Jonathan Ive (Senior Vice-President, Apple), Rob Law MBE (Founder, Trunki), Nicola Morgan (Designer, Lanvin, Paris) and Tim Brown (Chief Executive, IDEO).

“MA Design is a perfect mix of design practice and theory. In comparison to undergraduate, a Masters degree illustrates why we design. During teaching hours, we worked together across disciplines as one team. This inspired me to incorporate this rich mix of backgrounds and design approaches into my own design philosophy.”

Alana James
MA Design



Game-changing research

How can we innovate in design to envision and explore possible futures?

Where will the next ‘new’ design ideas come from and how do we innovate on the status quo? How do we create transformational impact in society?

Our School of Design academics are helping to answer questions like these as part of Northumbria’s pioneering work on IDEATE: Critically Aware Design Innovation.

Join the debate, and discuss a future of design innovation as part of many of our taught courses.

If you’re interested in a PhD research in this area, or in any of our other research areas listed below, we’d love to hear from you:

- Design Innovation
- Service Textile
- Craft
- Product Design
- Industrial Design
- Interaction Design
- Interior Design
- Visual Communication





Real world experience

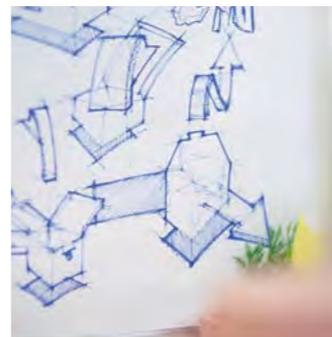
We recognise that industry experience and contacts are invaluable to you and so we have built strong relationships and partnerships with cultural and creative organisations including Abercrombie & Fitch, Microsoft, Mars, Dunhill, Mulberry, Samsung, Unilever, Phillips, Nike and Intel, with opportunities for educational visits, work placements, site visits and industry lectures. You'll also get the chance to show your work at our industry attended degree showcase, REVEAL.

Investing in facilities

You'll learn in dedicated studio spaces using our range of professional facilities including access to professional exhibition spaces, industrial woodwork and metal workshops, sewing and print workshops and computer suites with full Adobe and CAD packages. Alongside our community of teaching staff with experience and knowledge as designers, technicians, craftsmen, journalists, scholars and educators, you'll also learn from high-calibre visiting designers and design professionals including many with an international reputation as experts in their field.



Mark Bailey
Teaching Fellow



Inspirational staff

Mark Bailey leads the University's partnership with Unilever along with a number of other business partnerships. He is Northumbria's Principle Investigator for the £3m, AHRC funded collaborative research programme, Creative FUSE North East, through which the five North East universities are seeking to drive economic growth in the creative, digital and IT sectors.



Postgraduate Taught courses

COURSE	AWARD	ADVANCED PRACTICE		
		FULL-TIME	PART-TIME	
Design	MA	✓		
Design	MRes	✓	✓	
Design Management	MA	✓		
Design Management (London Campus)	MA	✓		
Luxury Brand Management	MA	✓		
Luxury Brand Management (London Campus)	MA	✓		✓
Multidisciplinary Innovation	MA/MSc	✓		

Change direction. Courses offering alternative career options – see page 57 for details.

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

Geography and Environmental Sciences



Help protect the future of our planet and the people who live on it, with real-world focused courses that will prepare you for a range of fascinating and challenging careers.

Where can our courses take you?

You can study all of our taught courses from any undergraduate background, allowing you to change direction and get qualified for a career you are truly passionate about.

Our **MSc Environmental Health** is accredited by the Chartered Institute of Environmental Health (CIEH) and our **MSc Safety, Health and Environmental Management** is accredited by the Institute of Occupational Safety and Health (IOSH), providing you with the professional recognition you'll need to thrive in an international career.



"The support from the lecturers at Northumbria was always amazing - and many of them are now considered colleagues, supporting me even after graduation."

Alison Stretton-Downes
MSc Disaster Management
and Sustainable Development



Game-changing research

Over 99% of the world's fresh water is locked up in ice sheets and glaciers. In addition, the great ice sheets play a vital role in modulating the Earth's climate and ocean circulation. Billions of people rely on run-off from mountain ice and snow for domestic use, agriculture irrigation, industry and hydropower generation.

So what would happen if it all melted?

Our Geography and Environmental Science academics are helping to answer questions like these as part of Northumbria's pioneering work on Extreme Environments.

Join the debate, and discuss a future of Earth's extreme environments as part of all our taught courses.

If you're interested in PhD research in this area, or in any of our other research areas listed below, we'd love to hear from you:

- Cold & Palaeo Environments
- Disasters, Development & Resilience
- Environmental Geochemistry & Ecology
- Social & Cultural Geographies
- Northumbrian Environmental Training & Research Centre (NETREC)
- Learning & Teaching

Real world experience

Our priority is preparing you for the world of professional practice, and applied or further research. You will learn from teaching staff who bring a mix of professional and academic experience. Professionally, we have three registered Environmental Health Officers, two of whom are Chartered Practitioners, and all staff offer a wealth of diverse experience drawn from practice across the public and private sectors. Our research links with our professional focus has real world impact, and as such, your research-rich learning will prepare you to make an impact as soon as you graduate.

We host the global Disaster and Development Network, giving you access to many inspirational people across the sector. Northumbria's disaster and development research has been highly rated in the recent UK Research Excellence Framework as a case study for disaster resilience impact. Our staff also sit on regional and national committees of the Chartered Institute of Environmental Health.

We have strong links with a range of employers and organisations across the public, private, and voluntary sectors, internationally, nationally and regionally. This means that we can provide you with contacts for placements, dissertation ideas and so on. These can include Egger (UK) Limited, Water for Kids (where students have gone to Uganda to work on water and sanitation projects), and Water Aid who have provided field trip, live project and volunteering opportunities in the UK and beyond. We make many of our assessments as practical and applicable to the real world as we can so that this may contribute to you gaining professional recognition in the future.

Giving you different viewpoints, leading academics and policy makers are attracted to us as visiting speakers, including from the Global Risk Forum (Davos), Public Health England, the Health and Safety Executive, the British Army's Royal Army Medical Corps, and United Nations International Strategy for Disaster Reduction.

Investing in facilities

We are currently undertaking major laboratory upgrades including a high power computing suite and a range of industry-standard research and field equipment including a Seismic Acquisition System, Scanning Electron Microscope (SEM) and Secondary Ion Mass Spectrometer. Facilities also include specialist recording and transcription facilities for social science research, and a variety of social spaces for our student community.

Inspirational alumni

Our postgraduate students have gone on to roles in countries across the world, as elected MPs, heads of government departments and with non-governmental organisations such as Oxfam, Médecins Sans Frontières (MSF) and World Vision.

Rosie Waller studied in the department between 2009 and 2011, and is now a Programmes Manager for No Strings International. This award-winning company communicates difficult messages to children in emergency zones around the world

through the medium of puppetry, working with makers of the original Muppet Show in New York.



“The content of the course was massively helpful in allowing me to be more informed - to know how to research, to answer my own questions. It was a really supportive environment - I loved it! It was one of the best things I've ever done professionally, definitely.”

Rosie Waller
Programmes Manager for
No Strings International

“As one Environmental Health graduate said: ‘If you want a graduate job, you get one’. So, we have graduates working all over the world, in engineering, in large corporations, in local government, in central government - to be honest, the world is your oyster.”

Simon Griffiths
Programme Leader for MSc
Environmental Health



Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	ADVANCED PRACTICE
Disaster Management and Sustainable Development 	MSc	✓	✓
Environmental Health 	MSc	✓	✓
Safety, Health and Environmental Management 	MSc	✓	✓

An International Summer School on ‘Environmental Hazards and Sustainable Development’ will run at undergraduate level for three weeks in July, and is accessible to prospective Masters students. See page 57 for details.

 **Change direction.** Courses offering alternative career options – see page 57 for details.

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters



History, English Language and Literature and Creative Writing



Human beings make sense of their place in the world by telling stories. Sometimes these stories justify the existing order, and sometimes they challenge it. As students of the Humanities, we examine these stories, and seek answers to big questions: Who am I? How do I relate to you? What does it mean to be human?

Our Department of Humanities includes the Divisions of **English Literature, Linguistics, Creative Writing and History**, and we address these questions head-on in our postgraduate courses. We promote quality, diversity and innovation in our research and our teaching, which range across national, transnational, and global contexts. We are home to international journals including **English, French History, Immigrants and Minorities, English Language Teaching, Holocaust Studies** and **Historically Speaking**.



"I attended a conference in Italy last year, and I got the opportunity to meet all the scholars who I have cited in my studies. Never in my life did I think I would be able to meet them, so I feel thankful to Northumbria University for their support."

Theng Theng Ong
Linguistics PhD



Active research in dedicated facilities

We have an active community of taught and research postgraduates working in a stimulating research environment. At the heart of our Department is the Institute of the Humanities, a space that exists physically as a group of dedicated rooms and resources, and intellectually as a set of cross-disciplinary academic practices that guide our research. The institute brings together poets and literary critics, historians and linguists.

Academic seminars and conferences, public events, and social gatherings take place in the Institute. There is space for our graduate students to work alongside visiting scholars. The Institute is where we come together to exchange ideas, with each other and with people from beyond the Department and the University.

Northumbria is also part of the UK's only Centre for Doctoral Training (CDT) in Heritage, consisting of a consortium of universities in the North of England.

If you're interested in PhD research in any of our research areas listed below, we'd love to hear from you:

- English Literature
- English Language and Linguistics
- TESOL including for example language teaching, language learning, classroom interaction
- Language Variation and Change
- Language, Communication and Culture
- Creative Writing
- British and Irish Worlds
- Histories of Activism
- Medieval and Early Modern History
- US History
- American Studies
- Gender and Popular Culture
- Environmental Humanities

Where can our courses take you?

Graduates of our postgraduate programmes in the Humanities go on to use their expertise and skills in a wide range of careers and sectors, in the UK and across the globe. Their understanding of cultural contexts, critical voices, and the way humans interact through language, makes our graduates into leaders in many walks of life. Our graduates understand the way people interact within social organisations, companies and governments, and can help them adapt to rapidly changing global challenges.

If you are interested in enhancing your knowledge of applied linguistics or language, our **Applied Linguistics** and **TESOL** (Teaching English to Speakers of Other Languages) courses can open doors to a range of careers within teaching and academia both in the UK and internationally. The programmes are open to students with relevant teaching experience (Applied Linguistics Programme) or without (TESOL).

Aimed at students with a relevant undergraduate degree, our **English Literature** programmes can help those with a love of literature develop their critical voice and advance their analytical and research skills.

Our **History** programmes open up a world of opportunities. Graduates go on to become professional historians and researchers, to work in the civil service or the law, to share their passion for the past as teachers, or to forge a career in the media and creative industries.

Our **Creative Writing** Masters is open to anyone who can demonstrate a strong passion and talent for writing. Develop your portfolio, enhance your critical thinking, engage with professionals in the industry, and get a step closer to becoming a published author.



“What stood out about Northumbria was its encouragement of a broad approach to various genres and forms. In other words, one wasn’t funnelled immediately into choosing playwright or poet or novelist or scriptwriter, we had the opportunity to explore all these areas.”

John Schoneboom
MA Creative Writing alumni, now a published author and studying for a PhD in Creative Writing at Northumbria

Real world experience

The programmes we run in Humanities connect with many wider cultural partners in the North East, including Tyne and Wear Archives and Museums, New Writing North, the co-operative movement and Shandy Hall. Guest speakers and visiting lecturers will give you insight into the contemporary cultural industries.

Inspirational staff

Our students learn from the best: over 60 inspirational academic staff with a genuine passion for their subject.

For example, Brian Ward is Northumbria’s first Professor in American Studies, and is currently Chair of the British Association for American Studies. He’s a frequent contributor to media conversations, and has shone light on an eclectic list of topics, from Martin Luther King’s Newcastle visit to Trump’s unlikely presidency.

Dr Laura Fish has more than ten years’ experience in broadcast television and radio. Her second novel *Strange Music* was listed for the Orange Prize, and nominated for the International IMPAC Dublin Literary Award.



Professor Brian Ward
Professor in American Studies



Dr Laura Fish
Senior Lecturer in Creative Writing

Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	PART-TIME	DISTANCE LEARNING
Applied Linguistics for TESOL	MA	✓	✓	
Creative Writing	MA	✓	✓	
English Literature	MRes	✓	✓	
English Literature	MA	✓	✓	✓
History	MA	✓	✓	✓
History	MRes	✓	✓	
TESOL	MA	✓	✓	

Change direction. Courses offering alternative career options – see page 57 for details.

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

Law



Recently ranked within the top 25 law schools in the UK (Guardian University Guide 2018), Northumbria Law School is also one of the largest, with a national and international reputation for excellence in legal education. We focus on law in practice and are committed to ensuring that students develop the knowledge and skills needed to become successful legal professionals.

Where can our courses take you?

For those who would like to enter vocational training to be a solicitor or a barrister, Northumbria's **Legal Practice Postgraduate Diploma (LPC)** or **Bar Professional Training Course (BPTC)** will equip you with the skills and knowledge you need for a highly successful legal career.

We offer a comprehensive range of distance learning Postgraduate Certificate, Postgraduate Diploma and LLM courses, from **Mental Health to Information Rights** law, as well as full-time LLM programmes in the commercial sphere, for law graduates who wish to gain specialist knowledge and enhance their career prospects.

For non-law graduates, our conversion course, the **Graduate Diploma in Law (GDL)** covers the foundations of legal knowledge to prepare you for a subsequent LPC or BPTC.



"I thoroughly enjoyed my time at Northumbria. The resources, teaching and support I received provided me with the perfect stepping stones towards getting pupillage and becoming a barrister. The practical approach to law which is taken throughout the programme is invaluable when you leave the classroom and enter the courtroom."

David McCormick
Trinity Chambers

Game-changing research

Our Law School contains a vibrant, collegiate and growing research community. In the **Research Excellence Framework 2014**, 99% of the Law School's submitted research was recognised internationally for its originality, significance and academic rigour, with 50% of research outputs judged to be 'internationally excellent' or 'world-leading'.

Our research community is focused on bringing together academics, research students, judges, lawyers, policymakers, and practitioners in an impact-focused framework, applying rigorous research with global reach to the challenges confronting our society and communities. Research in the Law School is focused around three signature areas:

- The Northumbria Centre for Evidence and Criminal Justice Studies
- Law and Society
- Legal Education and Professional Skills (LEAPS)

A number of colleagues also participate in the multi-disciplinary Environmental and Global Justice research group.

We also have a number of smaller research teams, a number of which coalesce as part of the Law and Society group, focussing upon:

- Gender, Sexuality and the Law
- Information Rights
- International, Comparative, and Human Rights Law
- Mental Health Law and Medical Law

If you're interested in PhD research in any of our research areas, we'd love to hear from you.



Real world experience

You can gain real-life experience and the opportunity to represent real clients through our Student Law Office, one of the largest student law clinics in the UK and 2013 winner of the Queen's Anniversary Prize for outstanding work.

Our Student Engagement Centre supports student employability through learning experiences such as volunteering, placements and internships, and business clinics.



Dedicated facilities

Northumbria Law School is housed within a purpose-built £70 million city centre campus. You will learn in authentic civil and criminal courtroom facilities, including a real criminal courtroom donated by the Courts Service.

Our professional facilities include a legal skills hub, student law clinic, and a dedicated on-site comprehensive law library.



Inspirational staff

Professor Tony Ward specialises in the law of evidence, with a particular focus on expert evidence and the exclusion of improperly obtained evidence. His work in this field draws on a range of disciplines, including philosophy, history and sociology. Tony is also a criminologist specialising in state crime – violent and corrupt behaviour by governments and their officials around the world.

His research focuses on the role of civil society in defining and combatting state crime. His professional background includes Co-Director, International State Crime Initiative (ISCI), Joint Editor-in-Chief *State Crime* (journal of ISCI), Editorial Board member, British Journal of Criminology and Research Associate, Institute of Applied Ethics (University of Hull).



Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	PART-TIME	DISTANCE LEARNING
Advanced Legal Practice (Project only)	LLM			✓
Bar Professional Training Course (BPTC)	BPTC	✓	✓	
Commercial Law	PG Dip/LLM	✓		
Data Protection Law and Information Governance	PG Cert			✓
Employment Law in Practice	PG Cert/PG Dip/LLM			✓
Graduate Diploma in Law/Common Professional Examination* 	GDL/CPE	✓		✓
Information Rights Law and Practice	PG Cert/PG Dip/LLM			✓
International Commercial Law	PG Dip/LLM	✓		
International Trade Law	PG Dip/LLM	✓		
Legal Practice (LPC)	PG Dip	✓	✓	
LLM in Bar Professional Training	LLM	✓	✓	
LLM in Legal Practice	LLM	✓	✓	
Medical Law	PG Cert/PG Dip/LLM			✓
Mental Health Law	PG Cert/PG Dip/LLM			✓
Professional Practice in Mental Health Law	PG Cert			✓

 **Change direction.** Courses offering alternative career options – see page 57 for details.

*This course does not qualify for a Government Masters loan

Northumbria's London Campus



Our London Campus has the unique buzz that comes from being in one of the world's top financial centres, in one of the world's top student cities (QS Best Student Cities, 2017). With courses that are informed by business, you'll gain the knowledge and practical skills to succeed in your career.

Where can our courses take you?

Whether you are looking for a full-time or part-time programme, choose from a range of **Business, Computing, Cyber, Project Management and Technology-focused programmes**. Take full advantage of all that studying in one of the world's leading cities has to offer, including work experience and networking opportunities, to launch your successful career.



"Being in an environment which is so diverse gives you more vocational skills. Participating in group work has encouraged me to adapt my learning style and ability to work with a wider range of people. The teachers here are very open and encourage us to keep in touch with them regarding our work."

Anabel Castillo
MSc Business with
Financial Management
with Advanced Practice



Supporting your learning

On our London courses you'll build your confidence in a supportive learning environment with small classes and one-to-one guidance. You'll have full access to the University's many resources including 24/7 access to over 843,000 e-books and an extensive collection of over 111,000 electronic journal titles.

Our Graduate Certificate is a Pre-Masters programme designed to build your skills ready for Masters-level study, if you do not currently meet the entry requirements. For more information on the programmes you can progress on to, please visit the website.

If you want to work alongside your studies, our weekend and blended learning options allow you to balance your career with your learning.

Discover more northumbria.ac.uk/london-pg



Supporting your career aspirations

On our London courses you'll benefit from job-focused workshops and face-to-face careers support to increase your employability.

You can also study a full-time Masters with Advanced Practice and take advantage of either a 12-15 week internship (may be paid or unpaid), a group consultancy project, or a research project, enabling you to work on a business problem, developing valuable work experience and business insight.

Discover more northumbria.ac.uk/london-ap

To further support your career aspirations and development, each of our London Campus full-time Masters students will also have the opportunity to undertake three short professional training courses through our partner, QA. You'll be able to add this further training, worth more than £3,000, after completing your Masters, to develop skills that are highly valued by employers with one of the UK's largest corporate training providers (eligibility criteria applies).

Discover more northumbria.ac.uk/london-careers

Supporting your student life

Immerse yourself in London's vibrant student life. The Campus is located in a well-known student hub, giving the Campus a truly student feel and meaning that many of the local shops and amenities are tailored for students' needs. This is combined with the city being home to some of Europe's best attractions and entertainment, all a short journey from the Campus.



"MSc Cyber Security was a must-do on my list from the moment I came in contact with networking. I think that network security is very important nowadays and everyone should have a minimum knowledge about it."

Diana Balasa
MSc Cyber Security (part-time)

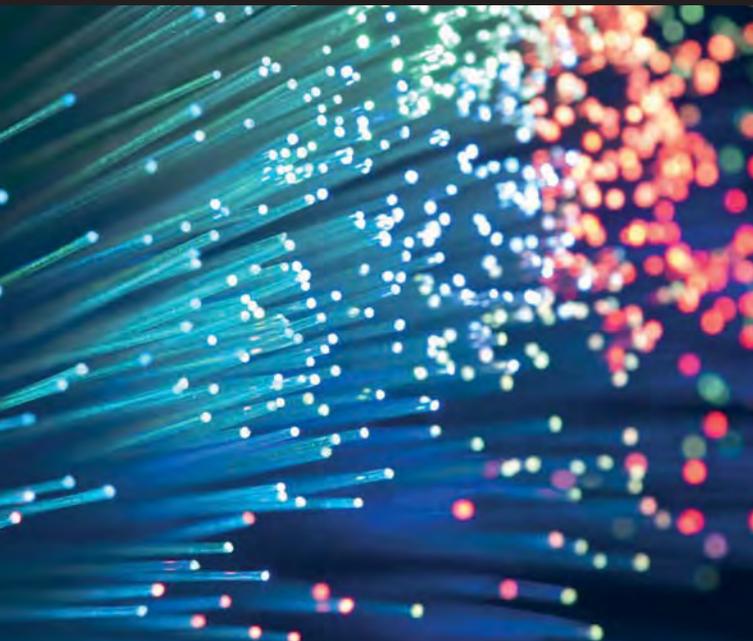


Postgraduate Taught courses

COURSE	AWARD	ADVANCED PRACTICE		
		FULL-TIME	PART-TIME	
Business with Entrepreneurship	↻ MSc	✓		✓
Business with Human Resource Management	↻ MSc	✓		✓
Business with Financial Management	↻ MSc	✓		✓
Business with International Management	↻ MSc	✓		✓
Business with Marketing Management	↻ MSc	✓		✓
Computer Science	↻ MSc	✓	✓	✓
Cyber Security	MSc	✓	✓	✓
Design Management	MA		✓	
Digital Marketing	↻ MSc	✓		✓
Global Logistics, Operations and Supply Chain Management	MSc	✓		✓
Graduate Certificate (one semester)	↻ Pre-Masters	✓		
Luxury Brand Management	MA	✓		✓
Professional Practice (in Computing and IT or Project Management)	MSc		✓	
Project Management	MSc	✓	✓	✓
Web and Mobile Development Technologies	↻ MSc		✓	

↻ **Change direction.** Courses offering alternative career options – see page 57 for details.

Mathematics, Physics and Electrical Engineering



Mathematics, Physics and Electrical Engineering at Northumbria are hands-on and real world focused. Delve into Future Engineering research, learn from expert academics in world-class facilities on courses accredited by professional bodies, and take a major step forward in your career.

Where can our courses take you?

Our taught postgraduate courses are aimed at students who have undergraduate degrees in a related discipline, and wish to specialise and take their qualifications to the next level.

Our **Electrical Power Engineering** and **Microelectronic and Communication Engineering** Masters are both accredited by the Institution of Engineering and Technology (IET), providing you with all the academic requirements for membership. Both courses will give you access to lucrative careers in this rapidly growing sector.

Our brand new Masters in **Statistics** will equip you with the statistical tools to confidently handle the explosion of data that modern businesses generate and need analysing. Your hands-on experience of statistical computing will prepare you for a statistical career within business, finance, industry, universities, other research institutes, or for progression to PhD research.



"All of my lecturers are really passionate about the modules they teach which is really inspiring."

Louise Wardle
Student, Department of
Mathematics, Physics and
Electrical Engineering



"I studied my Masters at Northumbria so it was the natural choice for my PhD. The supervising and teaching staff are fantastic; the one-on-one assistance you get from senior lecturers here is absolutely incredible. The postgraduate student community is also very good, I love its multiculturalism."

Andrew Burton
PhD in smart white LED-based
lighting and communication

Game-changing research

How can we make sure that electrical power is always there when we need it? When the world runs out of oil, what energy will be driving our cars and what kind of cars will they be?

Our Mathematics, Physics and Electrical Engineering academics are helping to answer questions like these as part of Northumbria's pioneering work on Future Engineering.

Discover more northumbria.ac.uk/mpee-research

Join the debate, and discuss a safer, smarter and greener future as part of all our taught courses.

If you're interested in PhD research in this area, or in any of our other research areas listed below, we'd love to hear from you:

- Astrophysics (Solar MHD)
- Mathematical Physics (Dynamical Systems & Symmetries)
- Statistics, Sustainable and Renewable Energy Systems (S&RES)
- Advanced Materials and Manufacturing (AM&M)
- Communications, Control and Instrumentation (CC&I)

Real world experience

Our priority is preparing you for the world of work. We'll give you access to industry-standard equipment and software so that you're ready to hit the ground running in your first job. You'll get a chance to work on live projects with our industry partners, and network with our accrediting professional bodies such as the IET.

We work with an Employer Advisory Board to ensure all course content is industry relevant. Members include Siemens, Northern Powergrid, NSK Bearings, Caterpillar, BAE Systems, British Engines, Nissan and Parsons Brinckerhoff.

Most of our courses are available as Advanced Practice degrees over two years. In the second year, for one semester, you'll undertake an internship, study abroad, or join a research group.

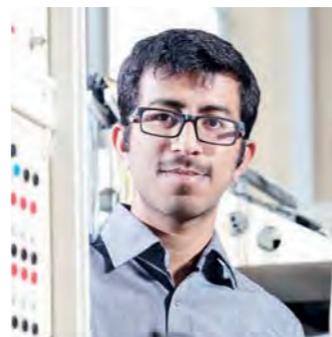
Investing in facilities

Over the past two years we've invested £6.7million in STEM facilities, including a bespoke engine test cell facility, wind tunnel, automotive laboratory, geotechnics laboratory, 50-tonne test frame and actuator, 5 axis state-of-the-art CNC machine, scanning electron microscope (SEM) and state-of-the-art 3D printing facilities.

We have been a world leader in the field of photovoltaics (PV) for more than 20 years. Our PV clad Northumberland Building was the first of its kind in the UK.

Inspirational staff

Dr Richard Morton, who is an active researcher within the department, was hailed as a 'scientist of exceptional talent and promise' after winning The Royal Astronomical Society's Winton Capital Prize.



"Northumbria has provided fantastic support and allowed me to develop as a young researcher. My career has changed a lot since I arrived. I'm now collaborating with colleagues at institutions including NASA, America's National Centre for Atmospheric Research, UCL and St Andrews. I also mentor a PhD student who is helping me develop my own research projects."

Dr Richard Morton
Leverhulme Trust Early Career Research Fellow

"My tutors are really good and very experienced in industry, for example with Nissan. The placements are also great, I have done two up to now and it's a big boost for my CV. I'm proud to be here. When I go back to India I can help there."

Indra Teja Vadium
Electrical Power Engineering MSc



Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	ADVANCED PRACTICE
Electrical Power Engineering	MSc	✓	✓
Microelectronic and Communication Engineering	MSc	✓	✓
Statistics (subject to validation)	MSc	✓	

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

Mechanical and Construction Engineering and Project Management



Engineering and project management at Northumbria are hands-on and real world focused. Delve into Future Engineering research, learn from expert academics in world-class facilities on courses accredited by professional bodies, and take a major step forward in your career.

Where can our courses take you?

Our **Project Management** courses are open to students from any undergraduate background. They provide access to a variety of lucrative careers across all sectors where project managers are in demand – from engineering and construction to healthcare, finance and technology.

The rest of our taught postgraduate courses are aimed at students who have undergraduate degrees in engineering or a related discipline, and wish to take their qualifications to the next level.

Our **Mechanical Engineering** and **Renewable & Sustainable Energy Technologies** Masters' are both accredited by IMechE, providing you with all the academic requirements for registration as a Chartered Engineer. **Engineering Management MSc** provides an opportunity to enhance your engineering skills with valuable business and management experience.



"Northumbria University gives students many opportunities to make industrial contacts and encourages workplace experience. It's common for industry experts to present guest lectures and regularly attend careers fairs. I was able to collaborate with BAE Systems when completing my dissertation, allowing me to gain specialist knowledge in the field of noise and vibration."

Anna Jackson
MSc Mechanical Engineering



"We're encouraged to be independent and proactive in our research. The lecturers and supervisors are also always open to any suggestions or discussions, giving us the opportunity to widen our vision and be creative."

Siti Nabilah Misti
PhD Mechanical Engineering

Game-changing research

How can we make sure that electrical power is always there when we need it? When the world runs out of oil, what energy will be driving our cars and what kind of cars will they be?

Our Mechanical and Construction Engineering academics are helping to answer questions like these as part of Northumbria's pioneering work on Future Engineering.

Discover more northumbria.ac.uk/mce-research

Join the debate, and discuss a safer, smarter and greener future as part of all our taught courses.

If you're interested in PhD research in this area, or in any of our other research areas listed below, we'd love to hear from you:

- Automotive Engineering
- Building Information Management
- Construction Management & Economics
- Construction Technology
- Environment & Energy
- Modern Engineering Design & Optimisation
- Product Development & Manufacturing Technology
- Renewable & Sustainable Energy Technologies
- Smart Materials & Soft Matter
- Virtual Reality & Visualisation
- Learning & Teaching

Real world experience

Our priority is preparing you for the world of work. We'll give you access to industry-standard equipment and software so that you're ready to hit the ground running in your first job. You'll get the chance to work on live projects with our industry partners, and network with our accrediting professional bodies including IMechE, CIOB, RICS, CIBSE, CIHT, IHE, ICE and IStructE.

Some of our courses are available as Advanced Practice degrees over two years. In the second year, for one semester, you'll undertake an internship, study abroad, or join a research group.

Investing in facilities

Over the past two years we've invested £6.7million in STEM facilities, including a bespoke engine test cell facility, wind tunnel, automotive laboratory, geotechnics laboratory, 50-tonne test frame and actuator, 5 axis state-of-the-art CNC machine, scanning electron microscope (SEM) and state-of-the-art 3D printing facilities.

Inspirational staff

Professor Khamid Mahkamov is currently heading up a €4million project to develop a revolutionary new heating and power system using solar energy. Working with researchers from industry and academia across Europe, the proposed technology could ultimately be used to deliver the majority of domestic energy requirements in homes across the world.



"This EU funding provides us with the fast track to building the pilot plant and testing innovative engineering solutions."

Professor Khamid Mahkamov
Professor in Mechanical Engineering



"The tutors on this course are brilliant - they all have practical experience that they share in lectures and seminars. The opportunities for people are limitless because project management is such a wide field - it's employed in almost every industry."

Steven Thirkle
MSc Project Management



Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	PART-TIME	DISTANCE LEARNING	ADVANCED PRACTICE
Construction Project Management with BIM	MSc	✓		✓	✓
Engineering Management	MSc	✓			✓
Mechanical Engineering	MSc	✓			✓
Pipeline Integrity Management	PG Cert/PG Dip/MSc			✓	
Professional Practice in Project Management (London Campus)	MSc		✓		
Project Management 	MSc	✓		✓	✓
Project Management (London Campus) 	MSc	✓	✓		✓
Renewable and Sustainable Energy Technologies	MSc	✓			✓

 **Change direction.** Courses offering alternative career options – see page 57 for details.

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters



Nursing, Midwifery and Health



Nursing, Midwifery and Health courses at Northumbria offer you the opportunity to develop a caring career that can transform the lives of patients, families and communities. Transform your own professional outlook by delving into Northumbria's cutting-edge research, which seeks to improve the quality, safety and effectiveness of nursing and public health practice on a global scale.

Where can our courses take you?

Our courses are aimed at developing your practice, and ensuring you graduate as caring, compassionate and competent health professionals. Our strong relationships with local NHS Trusts, the Nursing and Midwifery Council (NMC) and the Health and Care Professional Council (HCPC) mean you will be ready to progress quickly in your career.

If you are currently working in health and social care, our courses offer innovative and flexible routes to career development and specialisation.



"I enjoyed every moment at Northumbria University. The course provides the best experience for global and international nursing education."

Xiaoxian Zhou
MSc Nursing

Game-changing research

How do we support people with long-term health conditions?

With the NHS under increasing pressure, and more people than ever before living with long-term conditions, it's vital we explore new, sustainable and effective ways of promoting health and wellbeing across all age groups, and supporting patients and their families.

Our Nursing, Midwifery and Health academics are helping to answer questions like these as part of Northumbria's pioneering work on Integrated Health and Social Care.

Discover more northumbria.ac.uk/nmh-research

Join the debate, and help us to challenge the status quo as part of many of our taught courses.

If you're interested in PhD research in this area, or in any of our other research areas listed below, we'd love to hear from you:

- Ageing, later life and long-term conditions (ALL)
- Healthcare Organisation, Practice Improvement and Economics (HOPE)
- Healthcare Education and Learning for Practice (HELP)

Real world experience

We have strong partnerships with employers and service user groups, which allows us to provide a wide range of placement opportunities across hospital, community, NHS, private and voluntary settings. All practice learning experience meets NMC or HCPC requirements.

We will also encourage you to attend local and national events, providing invaluable opportunities to meet practitioners and experts within the field of healthcare.

“The best experience of the course so far has been witnessing and assisting at water births, one in the community and the other in the hospital setting. You just feel so privileged to be part of such a special experience.”

Helen Banks
Midwifery student

Investing in facilities

All of our Nursing, Midwifery and Health students are based at Coach Lane Campus, which houses our purpose-built Clinical Skills Centre.

The Centre has undergone a £750,000 upgrade in 2017, to confirm its position as one of the biggest and best healthcare training facilities in the country. Providing realistic safe learning environments for students to practice their skills, it offers, through simulated learning, an invaluable experience of ‘real life’ healthcare situations.



“The Clinical Skills Centre’s ability to run three fully immersive virtual reality training environments simultaneously is unique in the North East and one of only a handful across the UK. Thanks to this investment, our students and professionals will receive the most realistic training environment possible bar none.”

Prof Alison Machin
Professor of Nursing and Interprofessional Education



Inspirational staff

Throughout her career, Professor of Nursing, Glenda Cook, has developed a range of innovative research projects addressing older people’s needs. A unique aspect of her work is the involvement of older people themselves as co-researchers, supporting older people to undertake user-led research.



Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	PART-TIME
		✓	✓
Healthcare Management	MSc	✓	✓
Nursing	MSc	✓	
Nursing Leadership	MSc	✓	
Professional Non-Surgical Aesthetic Practice	PG Cert/MSc		✓
Teaching and Learning in Professional Practice	PG Cert		✓

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

Psychology



With a focus on psychology and its various specialisms (including health, occupational, and sports psychology), studying at Northumbria combines advances in technology with research-rich learning.

Where can our courses take you?

Our popular **MSc Psychology** is open to students from any undergraduate subject background. It is accredited by the British Psychological Society (BPS) as conferring the Graduate Basis for Chartership, a requirement for further study and a subsequent career in any area of psychology.

If you have a Psychology undergraduate qualification, you can specialise and gain BPS 'Stage 1' accreditation through our **Health, Occupational & Organisational or Sport & Exercise Psychology Masters**. You can then progress to BPS 'Stage 2' training and subsequent registration with the Health and Care Professions Council (HCPC) as a practitioner.

The **MRes Psychology** provides you with an opportunity to research a topic of your choice in great depth. The advanced research and professional skills you'll acquire in the process are ideal for a wide range of careers and further academic qualifications.

"We've had some fantastic lectures from past students who are now working in the field as health psychologists. The fact that the programme leader has brought these people in to show us what students at Northumbria can do, just makes me feel that much closer to reaching my goals."

Louise Liddon
Health Psychology MSc



Game-changing research

How can we improve mental and physical health, and quality of care, via psychological, technological and workforce interventions?

At an individual level, what interventions can have a positive impact on sleep, stress, anxiety and behaviour change?

Our Psychology academics are helping to answer questions like these as part of Northumbria's pioneering work on Integrated Health and Social Care.

Join the debate, and help us to make a positive impact in this area as part of many of our taught courses.

If you're interested in PhD research in this area, or within any of our other research groups listed below, we'd love to hear from you:

- Brain Performance and Nutrition Research Centre (BPNRC)
- Psychology and Communication Technologies Lab (PaCT)
- Health in Action Group, including Northumbria Centre for Sleep Research
- Evolution Perception and Behaviour
- Cognition across the Lifespan
- Language and Cognition

You can also become part of our research community through the MRes Psychology programme, where you will have the opportunity to do a placement in one of these areas.



Real world experience

At Northumbria, we take a practical approach to learning, because our priority is preparing you for professional practice. You'll find that many modules use real-world scenarios, providing an opportunity to satisfy your intellectual curiosity as you work your way through evidence that often seems contradictory or controversial.

You may also have opportunities to practise your skills on industry-standard equipment, and network with professional bodies and our partner organisations.

"[The University] offers a lot of work experience opportunities. I have had many chances to see the theories we have learned in lectures being applied to real world practical settings."

Ethan Shapiro
MSc Occupational and Organisational Psychology



Investing in facilities

At Northumbria, you can study or research in world-class laboratory facilities, including an Observation Studio, Eye-Tracking Laboratory, Motion Capture Suite, Experimental Psychology Laboratory, Sleep Laboratory, Applied Psychology Laboratory, and a Psychology Learning and Teaching Laboratory, plus bespoke facilities for measuring performance and behaviour.

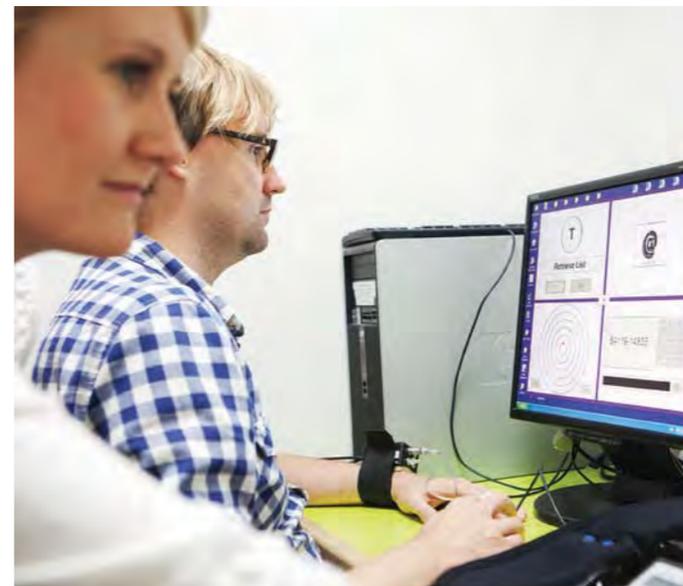
Inspirational staff

Our students learn from the best – inspirational academic staff with a genuine passion for their subject. As a team they offer an international reputation for research and extensive experience in industry – the perfect balance to inform your learning.



"All of [the lecturers] are very approachable, they're all absolutely world-class researchers in their area. There's some that are interested in stress, some that are interested in sleep – we've got the sleep clinic with Professor Jason Ellis who's absolutely brilliant – he's one of my lecturers, he's great."

Sarah Whitehouse
MRes Psychology



"I'm involved in several projects, including helping out Gateshead Council by volunteering to promote exercise within Gateshead itself, and working with a volleyball club in a performance enhancing role."

Melvin Lam, Sport and Exercise Psychology MSc



Postgraduate Taught courses

COURSE	AWARD	FULL-TIME	PART-TIME
			✓
Health Psychology	MSc	✓	✓
Occupational and Organisational Psychology	MSc	✓	✓
Psychology	MRes	✓	
Psychology	MSc	✓	✓
Sport and Exercise Psychology	MSc	✓	✓

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

 **Change direction.** Courses offering alternative career options – see page 57 for details.

Social Sciences



In a world that's facing a complex web of problems, are you someone who's dedicated to working out how we can resolve them? Our Department of Social Sciences is a community that equips you to make a positive social change, become a critical thinker, a problem solver, and to challenge what you think, see and hear.

Where can our courses take you?

Our **MSc International Development** course provides you with opportunities to conduct research and engage with developmental organisations in the UK and overseas. It will provide you with a diverse range of knowledge on subjects such as conflict and security, civil society and non-government organisations (NGOs), the impacts of China and India's rising economic power, gender, the environment and resource conflicts, advocacy, and citizenship. Staff on the programme are internationally recognised for research excellence in areas including South Asia, Latin America, Africa, East Asia and Southeast Asia.

Our **MSc Mass Communications Management** offers you an exciting opportunity to study issues and trends across the cultural industries, with an eye on the relationship between ground-breaking research and theory and the decision-making processes that shape the workings of TV, radio, newspaper, movies, music, PR, advertising and social media. By the end of the course you will understand theories of communication and be able to use these to explain real life issues around mass communication. The course also covers cultural management, enterprise and leadership, providing you with the skills and confidence you'll need to succeed in the cultural industries.



"My course focuses on current theory, but also on practical application, which is where I believe I've gained an edge over the future competition."

Emily Colfer
MSc International Development



Game-changing research

What comes first: people or planet?

With our planet in danger from environmental harms and crimes, both the natural world and people need to be protected to achieve justice. But what comes first? How can we morally, socially and economically balance the two?

Our Social Sciences academics are helping to answer questions like these as part of Northumbria's pioneering multidisciplinary work in Environmental and Global Justice.

Discover more northumbria.ac.uk/socialsciences-research

Join the debate, get involved and share your views.

If you're interested in PhD research in this area, or within any of our other research groups listed below, we'd love to hear from you:

- International Development
- International Public Policy and Management
- Crime and Justice
- Civil Society and Citizenship



Real world experience

All of our Social Sciences courses benefit from strong relationships with community organisations, voluntary sector bodies and people who are changing the society in which we work. We work in partnership with Arts Alliance, VSO, New Writing North, the Criminal Justice Agencies, the British Council and many others. This allows us to provide you with experience of working on challenging real life projects, giving you invaluable experience sought after by employers.

Our academics undertake research in partnership with these bodies, and their research feeds into their teaching. This allows you to focus on developing the skills, tools, techniques, and knowledge to embark upon a career that makes a difference.

Investing in facilities

Our MSc International Development course is part of the Centre for International Development – a vibrant, multidisciplinary virtual research centre that provides an engaging and supportive learning environment. The Centre brings together academics, practitioners and students to promote research, consultancy, teaching, training and public engagement on issues of global poverty and inequality, the communities and individuals who experience this, and the policies, practices and approaches that seek to address it.

You'll have access to an e-learning portal that provides lecture materials, assessment criteria, handbooks, and additional learning materials such as videos, podcasts and news items.

Inspirational staff



"I joined Northumbria University in October of 2010. In a previous role, for nearly five years, I was a deputy sheriff and police officer, working in a maximum-security county jail and patrolling a small town. I then served for two years as a United States Peace Corps volunteer in the Ukraine. During that time, I wrote grants and designed programmes to prevent the trafficking of women. I'm particularly interested in all things related to green criminology, particularly the illegal wildlife trade, but also smuggling and theft of other natural resources."

Dr Tanya Wyatt, Associate Professor of Criminology



Postgraduate Taught courses

COURSE	AWARD	ADVANCED PRACTICE		
		FULL-TIME	PART-TIME	
Criminology and Criminal Justice 	MA	✓	✓	
International Development	MSc	✓	✓	
International Relations, Conflict and Security (subject to validation)	MA	✓	✓	
Mass Communication Management	MSc	✓		✓
Social Sciences	MRes	✓	✓	

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

 **Change direction.** Courses offering alternative career options – see page 57 for details.

Social Work, Education and Community Wellbeing



Social work and education are rapidly changing professions. Here at Northumbria we respond by being at the forefront of high-quality professional teaching, innovation and research.

Where can our courses take you?

We offer postgraduate courses in Education for students who want to train as teachers, as well as for serving teachers, headteachers, teaching assistants and those simply interested in education.

The majority of our Education courses are open to students from any undergraduate subject background. Our Initial Teacher Training courses are all rated 'Outstanding' by Ofsted, and will set you up for a successful career in this challenging and rewarding education sector.

Our **Social Work MA** is aimed at students with a social sciences or related subject background. On graduation, you will be ready to apply to be a registered social worker with the Health and Care Professions Council (HCPC).

Our **Public Health** and **Occupational Therapy** courses offer opportunities for students with health-related subject backgrounds to specialise, to equip you for a career in which you can truly make a difference. Occupational Therapy MSc is accredited by the Royal College of Occupational Therapists (RCOT), meaning you will be eligible for professional registration upon graduation.



"My favourite thing about Northumbria is the varied culture. Since I started my course, I've been privileged to meet students from all over the world. The great thing is that each person has an interesting story to tell, especially about their work and career."

Ulumma Yvonne Agbarakwe
Master of Public Health



"Research-informed teaching provides the opportunity to analyse and critically reflect upon important current issues in social work and social care. We aim to provide innovative solutions that will demonstrate significant impact to individuals and groups who experience a range of vulnerabilities."

Professor Kim Holt
Head of Social Work, Education and Community Wellbeing

Game-changing research

How can we improve the life chances of the most vulnerable people in our society?

Can we help schools to overcome disadvantage and engage with their communities? Can we work with third sector services outside of mainstream provision to help level the inequalities faced by veterans, carers or traveller communities?

Our Social Work, Education and Community Wellbeing academics are helping to answer questions like these as part of Northumbria's pioneering work on Integrated Health and Social Care.

Discover more northumbria.ac.uk/sec-research

Join the debate, and help us to challenge the status quo as part of many of our taught courses.

If you're interested in PhD research in this area, or in any of our other research areas listed below, we'd love to hear from you:

- Childhood and Early Years
- Community Health and Wellbeing
- Education and Lifelong Learning
- Social Work and Social Care

Real world experience

We have strong partnerships with employers and service user groups, which allows us to provide a wide range of placement opportunities in the public, private and voluntary sector across all of our courses.

We work with over 700 schools, mainly in the North East, but also nationwide. All our education courses include some placement experience, and we also offer a School Direct programme for students who wish to train predominantly within the workplace.

See northumbria.ac.uk/sec for further details.

“My placements and the experience I gained ultimately gave me the opportunity to get an interview for the school I currently work at. My current employer commented that the courses I chose to take made me stand out from the crowd.”

Ben Cawley
PGCE Primary Education



Specialist facilities

All of our Social Work, Education and Community Wellbeing students are based at Coach Lane Campus, which is three miles from Newcastle city centre and connected to City Campus by a free bus service. Coach Lane has its own library, Students’ Union and sports centre, as well as extensive computing facilities.

Coach Lane Campus also houses our purpose-built Clinical Skills Centre, which will allow students on relevant courses to develop skills within simulated scenarios and extend your practical experience. These facilities are some of the most advanced in

the country. They help ensure our healthcare courses keep evolving in accordance with the latest developments in the profession.

Inspirational staff

Professor Greta Defeyter, The Director of Northumbria’s Healthy Living Research Unit, has won numerous awards for her research on school breakfast clubs and school-based physical activity interventions. She is a key academic advisor to the All Party Parliamentary Group on School Food, providing guidance to the group of 25 MPs and Lords.



“It’s incredibly rewarding to know that the research we are conducting is having a positive influence on families; and that our research findings are being used to inform policy.”

Professor Greta Defeyter
Associate Pro Vice-Chancellor,
Strategic Planning & Engagement

Postgraduate Taught courses

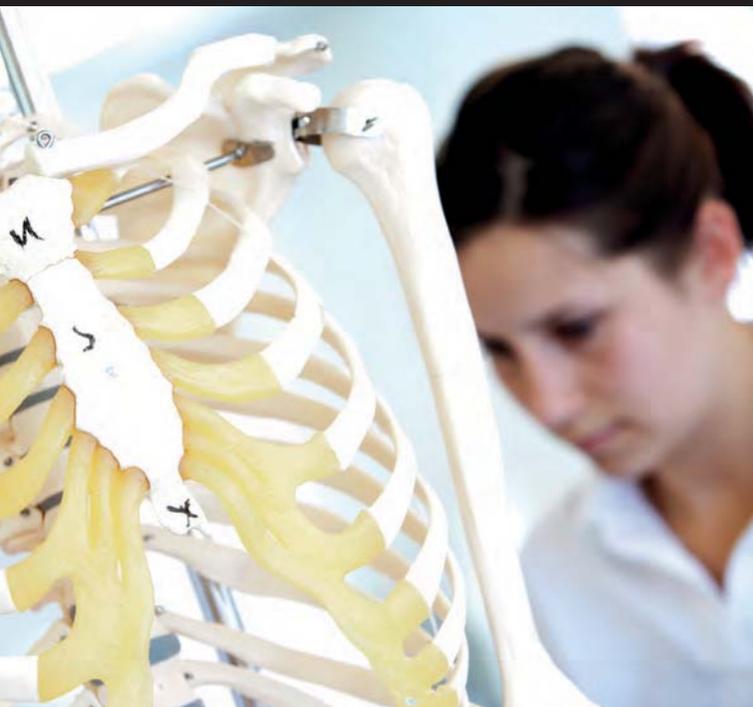
COURSE	AWARD	FULL-TIME	PART-TIME	DISTANCE LEARNING
Autism	MA		✓	
Early Primary Education (Blended Learning)	PGCE	↻		✓
Education (with pathways in Leadership & Management, or SEN & Inclusion)	MA	✓	✓	
Education (with pathways in Curriculum Development, Teaching & Learning, Leadership & Management, or SEN & Inclusive Practice)	MEd	✓		
Education in Professional Practice	PG Cert/MSc		✓	
Occupational Therapy (Pre-Registration)	MSc	✓		
Primary Education	PGCE	✓		
Public Health	PG Cert/PG Dip/MPH	✓	✓	
Public Health (Nutrition) (subject to validation)	MPH	✓	✓	
Secondary Art, Craft and Design	PGCE	✓		
Social Work	MA	✓		
Special and Inclusive Education (National Award for Special Educational Needs Co-ordinators)	PG Cert		✓	
Teaching Pupils with Dyslexia within an Education and Training Setting	PG Cert		✓	

↻ **Change direction.** Courses offering alternative career options – see page 57 for details.

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters



Sport, Exercise and Rehabilitation



With a strong reputation for teaching and research excellence, Northumbria is one of the top sport universities in the UK. You will benefit from learning in some of the best facilities in the country, with the Department of Sport, Exercise and Rehabilitation laboratories accredited by the British Association of Sport and Exercise Sciences (BASES).

Where can our courses take you?

Our **International Sport Management MSc** is open to students from any undergraduate discipline who dream of being involved in major sport leagues, global sports branding or international sporting events. With privileged access to key decision-makers and a field trip to the home of the International Olympic Committee, this course is perfect for kicking off a career in sport management.

For those interested in working in healthcare, **Physiotherapy MSc** and **Clinical Exercise Physiology MSc** are open to students with a degree in a related subject, and allow you to specialise and qualify for work in these exciting sectors.

Our **Strength and Conditioning MSc** is recognised by the National Strength and Conditioning Association, and will prepare you to have a real impact on sport and athletic development.

Our **Exercise Science MRes** allows you to develop professional research skills and is excellent preparation for PhD studies, and a career in research.



"The teaching is excellent. We have had a series of guest lecturers from prestigious sporting organisations both locally and internationally, and it's been really helpful being able to talk to people who are in positions around international sport and find out things you can't learn from a textbook."

David Jones
International Sport
Management MSc



Game-changing research

How can we address the challenges faced by those participating in professional sport and exercise?

How does the human body respond and adapt to the stress of exercise?

What is the role of physical activity and optimal nutrition in promoting and preserving health and wellbeing?

Our sport, exercise and rehabilitation academics are helping to answer questions like these as part of Northumbria's pioneering multidisciplinary work on Integrated Health and Social Care.

Discover more northumbria.ac.uk/ser-research

Join the debate, and help us to challenge the status quo as part of many of our taught courses.

If you're interested in PhD research in this area, or within any of our other research groups listed below, we'd love to hear from you:

- Optimising human performance
- Promoting and preserving health and wellbeing
- Informing Practice & Policy

Real world experience

At Northumbria, we take a hands-on approach to learning, because our priority is preparing you for professional practice. You'll find that many modules use real-world scenarios, and you may also have opportunities to go on field trips, practise your skills on industry-standard equipment, and network with professional bodies and our partner organisations.

You will benefit from partnerships and collaborations with organisations including the English Institute of Sport, Newcastle United Football Club, Sunderland Association Football Club, Mars, UK Space Biomedical Association, GlaxoSmithKline, Durham Primary Care Trust, the Professional Golf Association, the Football Association, Prozone, Newcastle Falcons and Durham County Cricket Club.

On MSc Physiotherapy, work placements are a fundamental aspect of the course: you will undertake six placements over



the course of two years and accrue 1000 hours of experience. This enables you to fulfil HCPC requirements and as a result, our employability rates are excellent.

"I've been on three placements so far - musculoskeletal outpatients, intensive care unit and community stroke. I've loved them all but the intensive care unit placement was the most enjoyable - I love the buzz of an acute hospital environment."

Beth Williamson
MSc Physiotherapy

Specialist facilities

At Northumbria you can study and research in our world-class facilities including our £30m Sport Central facility which houses laboratories for physiology, biomechanics and nutrition. The University also has strength and conditioning suites, a clinical skills centre, an indoor sprint track and performance analysis facilities.

Northumbria's facilities are ranked in the UK top ten by Times Higher Education Student Experience Survey 2017.



Inspirational staff

Karl Wharton, a Senior Lecturer in Sport Coaching received the award of Member of the Order of the British Empire (MBE) in the 2016 Queen's Birthday Honours List in recognition of his outstanding service to coaching gymnasts, both internationally and regionally.

"This is a very great honour and one I never dreamed of receiving. For me, it's very important to continue working as a practitioner with athletes at every level. It enables me to apply academic theory to real-world practice, which is a huge benefit to both my students and my athletes."

Karl Wharton MBE
Senior Lecturer in Sports Coaching



Postgraduate Taught courses

COURSE	AWARD		FULL-TIME	PART-TIME
			✓	✓
Clinical Exercise Physiology	MSc		✓	✓
Exercise Science	MRes		✓	✓
International Sport Management 	MSc		✓	✓
Physiotherapy (Pre-Registration)	MSc		✓	
Strength and Conditioning	MSc		✓	✓

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

 **Change direction.** Courses offering alternative career options – see page 57 for details.

Flexible Learning at Northumbria



Push yourself today, you'll thank us later.

Your life is pretty great, right? But could it be even better? We can empower you to change your career direction, get ready for promotion or follow your passion, without sacrificing your current commitments. Our innovative range of blended, part-time and distance learning courses will allow you to take control of your future

Driven by the latest technology and supported by tutors who are experts in their field, you will be part of a diverse, global community that benefits from unique perspectives of your peers and collaborative learning. Many of our degrees – including those delivered via distance learning – are professionally accredited, giving you peace of mind that your learning is at the forefront of your chosen industry.

Visit us at northumbria.ac.uk/flexiblelearning



"Especially for me coming back into education after a bit of time out, the support that we had initially in being able to use the library and the online systems was really brilliant!"

"And because I've embarked on this course with the support of my employer, I've been able to use my work training budget to contribute to the cost of the course."

Jenny Wiles, part-time student in the department of Architecture and Built Environment

Part-time learning

On our part-time courses you'll sit modules alongside full-time students, but with fewer modules per term. That means you'll still be part of a vibrant learning community, but with a number of free days each week to continue with your job or other commitments. You can tailor your choice of modules and your dissertation topic to reflect your interests and/or the needs of your employer, so you can apply what you're learning as you progress through your studies.

You'll have access to all our world-class facilities on campus, and benefit from support from all our services. The University Library, for example, runs an extensive skills development programme to help people return to learning.

In terms of finance, our part-time full Masters courses are eligible for the Government's £10,609 postgraduate loan, which you can use to cover your fees and contribute towards living expenses (Ts&Cs apply). You may also find that your employer is willing to contribute, either to the cost of your fees or by giving you paid study leave, if the course supports your professional development.

A large proportion of our courses are available on a part-time basis. Please see the relevant department pages to find out which, and for scheduling details please visit the course page online.

Distance learning

Five reasons to consider a Distance Learning Masters at Northumbria:

- No financial worries.**
You'll be eligible for the Government's £10,609 loan to cover your fees, and you can fit your studies around your job so you won't have to give up your salary (Ts&Cs apply).
- An unforgettable degree.**
Be honest, how much of your first degree have you forgotten? On a distance course your learning materials are available for you to download and keep forever. An invaluable reference tool as you progress through your career.
- Unlimited support.**
You'll have access to all the same support as our campus students, including a 24/7 IT helpline, disability support, counselling, and access to more than 1.3 million books via post and online through our award-winning library.
- Graduate on campus.**
Your learning will be virtual but if you can travel to Newcastle then your graduation will be physical – gowns, mortar boards, the full works. You're also welcome to visit campus and use the facilities at any time throughout your degree.
- A global learning community.** You'll be joining students from countries all over the world as part of our global learning community. An amazing opportunity to make friends, and a great excuse to book your next exotic holiday to go and meet them.

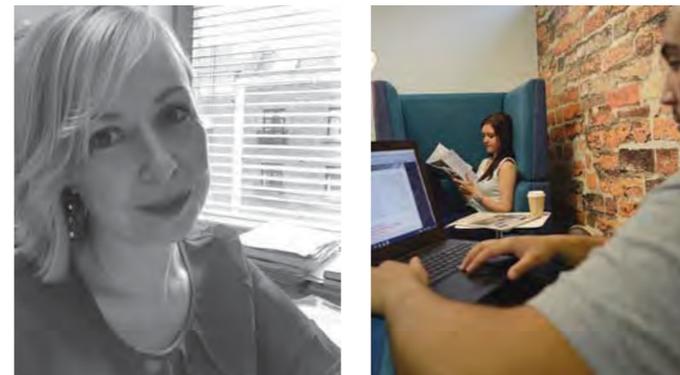
Postgraduate Distance Learning Courses: Law, Business & Education

COURSE		AWARD
Advanced Legal Practice		LLM
Data Protection Law and Information Governance		PG Cert
Employment Law in Practice		PG Cert/Dip/LLM
Graduate Diploma in Law/ Common Professional Examination	↻	GDL/CPE
Information Rights Law and Practice		PG Cert
Medical Law		PG Cert/Dip/LLM
Mental Health Law		PG Cert/Dip/LLM
Professional Practice in Mental Health Law		PG Cert
Forensic Accounting		PG Cert
Leadership and Management		PGCE
Early Primary Education (Blended Learning)	↻	PGCE

↻ **Change direction.** Courses offering alternative career options – see page 57 for details.

Blended learning

Blended learning combines some distance learning in your own time with blocks of study on campus, and often a practice-based element as well. The best of all worlds.



"As a distance learning student, I was extremely impressed with the quality of programme materials and library resources provided via the Virtual Learning Environment, Blackboard. I was equally impressed with the level of support and guidance provided by faculty via Blackboard, email and phone."

"Studying at Northumbria was an extremely positive and rewarding experience."

Marie O'Neill, MA Information Science (Library Management) alumna, and Head of Library Services at Dublin Business School

Postgraduate Distance Learning Courses: Arts, Humanities, Engineering & Environment

COURSE		AWARD
Creative and Cultural Industries Management		MSc
English Literature		MSc
History		MSc
Preventive Conservation		MSc
Advanced Computer Science		MSc
Computer Science		MSc
Information Science (Data Analytics)	↻	MSc
Information Science (Library Management)	↻	MSc
Construction Project Management with BIM		MSc
Pipeline Integrity Management		PG Cert/Dip/MSc
Project Management	↻	MSc
Surveying (Building Surveying, Housing, Quantity Surveying or Real Estate)	↻	MSc

For more details, and information on start dates and course duration, visit northumbria.ac.uk/masters

Continuing Professional Development (CPD) at Northumbria



New knowledge. New skills. New thinking.

Whether you work for an SME, a multi-national or public sector, or are simply committed to developing your personal skills and progressing your career, we have CPD short courses and specialist training to meet your needs.

Invest in yourself and your business

If your organisation is:

- focused on staff development and retention.
- committed to addressing business challenges of tomorrow.
- determined to thrive in a competitive industry.

Our range of CPD opportunities will help you develop a highly skilled, efficient and knowledgeable workforce.

We offer:

- CPD taught by inspirational academics with extensive industry experience, providing the right balance between academic excellence and professional application.
- Accreditation by industry and professional bodies.
- A variety of formats from single day masterclasses to distance learning.
- Flexibility through bespoke courses to address your exact needs.

Visit us at northumbria.ac.uk/cpd

Building Information Modelling (BIM)

Northumbria is a national award-winning provider of research informed and applied BIM training courses. Northumbria University and Ryder Architecture won 'Most innovative Business-University collaboration award' for the BIM Academy at the 2017 Times Higher Education Awards.

Northumbria's BIM academy is an Autodesk Authorised Training Centre (ATC) and offers training courses for all levels from novice through to expert.

- Increase your BIM maturity.
- Ensure BIM compliance.
- Help staff develop 3D CAD expertise and BIM-related skills.



Executive Education

Do you want to overcome strategic challenges, achieve operational excellence, and have measureable impact?

Our bespoke development programmes for current and future leaders are tailored to help you achieve your goals. Courses cover general management and leadership, change management, finance and accounting, strategy, marketing and innovation.

"The Executive Women Leadership programme brought a new perspective and renewed focus to my leadership journey. I really enjoyed the tutor sessions, action learning meetings, informal discussions and networking, all whilst getting to know a very friendly, dynamic set of individuals. It's been useful in highlighting where we as women leaders should strive to improve the world of IT delivery."

Debbie Heppell, Programme Manager,
Department of Work and Pensions

The National Examination Board in Occupational Safety and Health

NEBOSH Health and Safety Courses (Block, distance and part-time variations)

Aimed at professional health and safety advisors and environmental practitioners, Northumbria offers a range of NEBOSH accredited courses to help keep you and your workforce safe, healthy and compliant.

We have been a trusted provider of NEBOSH courses for over two decades. We review and adapt our offer to reflect changes in business and ensure we equip delegates to be ready to tackle them.

Our full CPD offer is available to review at northumbria.ac.uk/cpd

Careers and employment



Throughout your time at Northumbria, our Careers and Employment Service will work with you to help you get that job, secure a promotion, start your own business, or apply for further study. Our services include:

- Careers guidance
- Advice on CVs, applications and portfolios
- Better use of LinkedIn
- Networking through career fairs and other opportunities to meet recruiters
- Free start-up support
- Enterprise skills workshops and events

All of this will maximise your opportunities when you graduate.



Northumbria is ranked in the **Top 10 in the UK** for the number of graduates in professional or managerial roles (DLHE 2015/16)

Get ahead with tools for success

You'll have exclusive access to Careers Online, your employability hub, packed with interactive resources to help you explore your career options, research employers and write effective applications.

Find job opportunities

Employers targeting Northumbria students and graduates advertise vacancies on JobsOnline. You'll get exclusive access to these alongside volunteering and work experience opportunities and receive email alerts direct to your inbox.

"[The Careers and Employment Service are] an excellent bunch of staff who really care about your development and expanding your knowledge. There's a genuine focus on graduate employment and ensuring the best for your future."

Student Feedback from the National Student Survey

Digital learning



Technology is built in to all our courses to help you connect and enjoy learning.

- Online assessment management – submit your work, receive and share feedback.
- Lecture recording – allowing you to interact and discuss during lectures, rather than just taking notes.
- Virtual learning platforms – access course materials, engage with fellow students, academics and partners, set up discussion groups and link into social channels.

- Online reading lists for all modules – access scholarly resources from the University library in the way that works best for you.

IT facilities are available whenever you need them. You can use one of the 4000+ computers on campus or use your own device to access the remote desktop from anywhere in the world. One Print allows you to print documents and collect them from any printer on campus.

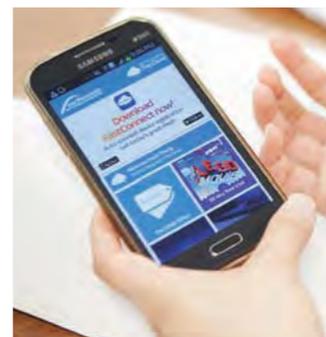
There's a 24/7 help service available 365 days a year, so you'll never be without IT support. We're here for you by phone, email, and online chat.

Discover more northumbria.ac.uk/it

My Northumbria is your personalised Student Portal, giving you online access to all the support you need whilst you are studying, from your timetable, your assessment deadlines, tracking progress of your enquiries, to getting in touch with Ask4Help. Through Ask4Help you can receive expert

advice from professional advisors online, or book an appointment at Student Central.

Discover more ask4help.northumbria.ac.uk



"It's not just about pushing the latest technology into the classroom, it's about designing this into your course, so that it encourages your learning."

Jonny Hall
Faculty Associate Pro
Vice-Chancellor (Learning & Teaching), Business and Law

Student Central



“Over the last year and a half we’ve introduced more consistent and seamless approaches to students accessing services by creating new teams, investing in technology, and so shaping new ways of working which put students at the heart of what we do.”

Professor Jane Core Director of Student and Library Services



We have invested in creating a student support network that responds to your needs.

Student Central, located at City Campus East and in the University Library at City Campus and Coach Lane, provides a focal point for students in the heart of our Campus. Ask4Help and our professional advisers in Student Central, together with our new and intuitive online student portal, ensure seamless support is available to students face-to-face and online 24/7.

Ask4Help and professional advisers in Student Central can provide support on:

- Accommodation
- Applying for jobs
- Assessments
- Change of student status
- Choosing a career
- Counselling
- Course information
- Disability
- Learning skills
- Money and finance
- Placements
- Starting your own business
- Study abroad
- Using the Library
- Visas and welfare

One of the best academic libraries in the UK

Northumbria University Library is one of the best academic libraries in the UK, and has Customer Service Excellence (CSE) accreditation.

Our collection includes:

- Over half a million print books
- Nearly 843,000 electronic books available online
- 110,000 electronic journals
- Over 300 databases

The City Campus Library is open and staffed 24/7 in term time, while Coach Lane Library and the Law Practice Library also offer extensive opening hours.

Whether you’re looking for somewhere quiet and silent to study, or a more social space to work and collaborate as a group, you’ll find it.

Postgraduate researchers benefit from access to the Research Commons at City Campus Library and Research Zone at Coach Lane Library. Postgraduate taught students have a dedicated space in the Masters Reading Room at City Campus Library. Our popular Northumbria Skills Programme and online ‘Skills Plus’ cover topics such as literature research, reference management and systematic review. You can get advice through one-to-one appointments and regular drop-in sessions.

“The library is like my second home. There are different floors for the type of study you are doing. I usually go with my course mates and like to discuss our ideas, so we work in the group study area.”

Ece Soysal
MSc Health Psychology

“As a postgraduate student, it’s important to me to be able to work 24/7 in the facilities and to have access to e-books.”

Daniel Potechius
MSc Construction Project Management



Your student life



“Newcastle is an excellent city, I came for my undergraduate degree six years ago and I haven’t left. It’s a great place to live and there’s loads of nice places to go. It’s so close to the coast, and countryside, but it’s also a great metropolitan city.”

Alexander Maine PGR student in Law



Newcastle is a city that feels like home, no matter where you’re from.

Are you thinking about coming home to the North East after an undergraduate degree elsewhere? Are you an international student who’s made Newcastle your home over the last few years, and you just don’t want to leave? Whatever your circumstances, you’ll be welcomed with open arms.

Entertainment

Newcastle is packed with bars, restaurants, pubs and clubs, so it’s easy to see why Northumbria was rated among the best universities for nightlife in the UK by Which? University 2016.

Enjoy films, special events and great food and drink at the independent Tyneside Cinema, challenge your course mates

to a night of bowling or mini golf at hipster bowling alley Lane 7, and experience Newcastle’s eclectic mix of music at venues such as the Metro Radio Arena, the O2 Academy, and the Sage Gateshead.

History and culture

Visit the Quayside to admire its landmark buildings. Cross the seven bridges that span over the Tyne, including the Tyne Bridge and famous tilting Millennium Bridge. Embrace visual art and take a stroll around the BALTIC Centre for Contemporary Art.

Take in the historical sites around the city including the Castle Keep, Grey’s Monument and Grainger Town. You can even visit one of the Victorian tunnels.

Delve into the city’s sporting culture with visits to Newcastle United’s St James’ Park,

Newcastle Falcons Rugby Club at Kingston Park and our very own Sport Central, home of the Eagles basketball team.

Shopping

Based in the heart of the city – and only five minutes’ walk from campus – is intu Eldon Square shopping centre. With over 150 stores and services there’s everything you’ll need as a student.

Shop till you drop in one of the UK’s largest shopping complexes, the intu Metrocentre in Gateshead. Lose yourself in a range of boutiques and quirky markets, including the indoor Grainger Market and bustling Sunday Quayside Market.

Out and about

Newcastle is in the heart of North East England. Manchester, Birmingham, Glasgow,

Edinburgh and London are all within a few hours by train.

Newcastle airport is accessible from the city centre by Metro, and from there you can travel to European hotspots such as Amsterdam, Paris and Berlin. International destinations include Dubai and Cancun. Closer to home is the stunning Northumberland Coast, the seaside feel of Tynemouth and Whitley Bay, the UNESCO World Heritage Site of Durham and many more gems – right on our doorstep.

“Newcastle is the perfect student city! It has a great city life, night life, cafés, pubs – a little bit of everything to suit everyone’s needs.”

Whitney Phillips MSc Computer Science student from Portland, USA

Living in Newcastle

As you've just seen, Newcastle upon Tyne is an amazing city for student life and it's also a very affordable one.

Travelling around the city is cost-efficient, private rents are relatively low and many retailers offer generous student discounts. Your budget will go further here than in many other UK student cities.

Accommodation

We have a variety of award-winning residences to suit all tastes and budgets, from en-suite, top-of-the range residences to traditional student housing.

Prices are great value and all rooms include 100MB broadband, utilities and insurance so you won't be hit with any hidden extra costs. Many of our residences are on, or very close to, the campus which also reduces travel costs.

Our accommodation application system lets you select the exact residence, flat and room you'll live in, so you can choose to share with other postgraduate students. We also offer tenancies that suit postgraduate course patterns – such as single semesters – to give you greater flexibility.

Discover more northumbria.ac.uk/accommodation

Travel

Newcastle's city centre is very compact making it very easy to explore by foot, and there are also regular Metros and buses servicing the city centre and surrounding areas. Students get a 30% discount on the price of Metro travel across Tyne and Wear, with student travel starting from just £25.20 a month.



"Northumbria was one of the only universities where my course fees and accommodation costs could fit within my £10k postgraduate loan, which was vitally important to me."

Callum Stevens
MSc Digital Marketing alumni

Funding



We are always seeking new ways to help you to fund your studies, so please check our website regularly for possible funding sources.

Better still, subscribe to our enquiry service to make sure you always get the latest news from Northumbria – register at northumbria.ac.uk/pg

Part-time jobs

Our Careers & Employment service can help you to find part-time work while you're here, and we also have frequent job opportunities within the University. Previous postgraduate students have worked as event reps and bloggers for our marketing teams, and teaching opportunities may be available for PhD students. Visit northumbria.ac.uk/jobsonline for current opportunities.

Government loan

The UK Government will offer a Masters loan of up to £10,609 to full-time, part-time and distance learning Home and EU students starting their studies in September 2018. For eligibility criteria and more information including terms and conditions visit gov.uk/postgraduate-loan

Additional support

Our Student Support and Wellbeing service also has a hardship fund which can help if you are a UK student who is experiencing financial hardship, providing you meet certain eligibility criteria. You can also speak to one of the University's funding advisers. Contact us at northumbria.ac.uk/financialsupport

Financial support

By studying for a postgraduate qualification you're making an investment in your future. But you don't have to break the bank to do it. At Northumbria we offer a range of support packages to help ease the financial burden and allow you to concentrate on your studies.

Fees

You'll find all of our 2018/19 course fees on our website, and we can tell you with confidence that they're very competitive for both home and international students. We also offer financial incentives throughout the year – keep checking the website or register for updates to be the first to find out the details.

Discover more northumbria.ac.uk/fees

To make things even more manageable for full-time Home/EU students (whose tuition fees are not paid by a sponsor) we offer an interest-free flexible payment scheme. For more information including terms and conditions see northumbria.ac.uk/moneymatters

Discounts

If you are a graduate of Northumbria University (Home/EU and International students) – or expect to graduate this summer – you will automatically receive a 20% discount on the annual tuition fees of postgraduate courses. Full terms and conditions are available at northumbria.ac.uk/discounts

Scholarships

We will be announcing the details of our prestigious Vice-Chancellor's Scholarship scheme (for Home students) on northumbria.ac.uk/vcscholarships in due course. Check back for details or register on the page for updates by email.

For international students only, scholarships are awarded as a fee discount for full-time taught on campus courses. Discounts depend on the grades of your highest previous academic qualifications.



You don't need to apply for these – details of any scholarships awarded to you will be in your offer letter. For more information on academic scholarships (including terms and conditions) and any other discounts you may be eligible for, please visit northumbria.ac.uk/intdiscounts

Always here to help

At every step of the way, Student Support and Wellbeing is here to support you.

Before you apply, our specialist advisers are here to explain your funding options, including information on scholarships, bursaries, loans and grants. They can also advise you on how to apply for childcare support.

If you have a disability, we can explain how you can be assessed for disability support near your home, so that the support you need can be in place as early as possible. This support will continue throughout your studies, and we can provide you with tailored advice on any disability or specific learning difficulties, such as dyslexia.

If you're an international student, we offer immigration and visa advice together with information on working in the UK. Those flying into Newcastle airport can register with our 'meet and greet' service who will meet you to help you reach your accommodation.

While you're studying, we can advise on many different issues, such as offering practical advice on personal safety, budget planning, financial matters and healthcare costs.

We have a free confidential counselling and mental health support service, for students with personal, emotional or mental health issues. Student Support and Wellbeing can also help you make decisions if your circumstances change while at university.

We organise 'Fast Friends', together with the Students' Union, an exciting programme of social events and activities. There is also spiritual and pastoral support across many faiths and beliefs, as well as discussion groups and days out.

"Receiving support from Student Support and Wellbeing throughout my time at Northumbria has had a very positive impact on my self-esteem and the way I approach my studies. I consider it one of the most valuable things I've done throughout my time at university, and will take it with me through the rest of my life."

Student
Faculty of Arts, Design
and Social Sciences



Admission and selection

For detailed information on entry requirements, the selection process and how to apply please see the individual course page on our website, northumbria.ac.uk

Application procedure

Application is online via our website at northumbria.ac.uk. If you are applying for a PGCE course (including the Early Years) then you must apply via UCAS Teacher Training at ucas.com. Applicants to the Bar Professional Training course should apply via the Bar Applications Service at barsas.com. Applicants to the full-time Graduate Diploma in Law or the full-time Legal Practice Course should apply via the Central Applications Board at lawcabs.ac.uk

For some courses there are specific deadlines by which you must receive your application. Please refer to our website for further information.

If you are offered a place at Northumbria, and you are waiting for results of examinations, you must send a copy of these into the Admissions Office as soon as you receive them. In addition to academic requirements, there may be non-academic conditions attached to your course, such as a suitable Disclosure and Barring Service (DBS) Enhanced Certificate, meeting suitability requirements for professional bodies and Occupational Health clearance.



International applicants

Further information for international applicants, including details on how your qualifications may compare, can be found at northumbria.ac.uk/international/international-admissions

Advice and information

If you require any additional information about any of our courses, or need advice on entry requirements or the application process, please contact our Admissions Office on +44 191 406 0901. Alternatively, applicants from outside the EU can contact our International Admissions Team on +44 191 243 7906.

Admissions policy

Any offer the University may make is subject to the terms and conditions set out in our Admissions Policy and Handbook of Student Regulations. Please pay particular attention to the Student Enrolment Conditions in section 2, details of which can be found at northumbria.ac.uk/handbook

This information was correct at the time of publication (March 2018) but is subject to change. Please visit our website for the most up-to-date information.

Contacts

Course Enquiries

Tel: (+44) 191 227 4646
Email: ask4help@northumbria.ac.uk

Accommodation Enquiries

Tel: (+44) 191 227 4209
Email: ask4help@northumbria.ac.uk

Home/EU Admissions

Tel: (+44) 191 406 0901
Email: er.admissions@northumbria.ac.uk

International enquiries

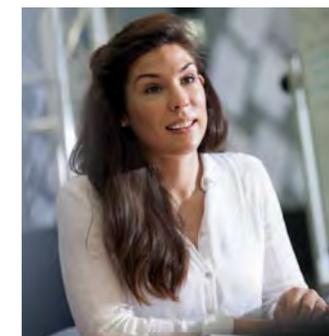
Tel: (+44) 191 227 4274
Email: international@northumbria.ac.uk

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Terms and conditions

The information given in this prospectus is for guidance only. In compiling it, the University has taken every care to be as accurate as possible, but the prospectus must be read as subject to change at any time without notice. It is not to be taken as imposing upon the institution any obligation to provide, or to continue to provide, any course or amenity described herein.

Copies of this publication are available in alternative formats such as Braille, large print or disc. In the first instance, please contact our Brand team for details.
Email: bc.brandteam@northumbria.ac.uk

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