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POSTGRADUATE & POST-EXPERIENCE GUIDE 2018

See more at **uws.ac.uk**

UNIVERSITY OF THE WEST *of* SCOTLAND

UWS

ALUMNI FOCUS

DESIGNS ON LIFE

Read Alan & Harvey's story

p14

COURSE INFORMATION

GET ON COURSE

Read from p22

YOUR VIEW ON CAREERS

UNIVERSITY OF THE WEST of SCOTLAND

UWS

PROVIDING INSIGHT FOR THE NEXT STEP IN YOUR CAREER.

That's insight from world-leading researchers and academics working at the forefront of their field. Real-time industry insight from our partners - all leading experts in their sector. Insight arising from close collaboration with the vibrant community of students that you will be a part of.

Insight: a true understanding of how your profession is changing in the global job market.

Read UWS MSc Digital Marketing graduates Alan and Harvey's story p14

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UNIVERSITY OF THE WEST of SCOTLAND
UWS

MAKING OUR MARK

We're proud of the positive feedback we receive from our students and external organisations – here are just a few of our achievements.

96%

OF UWS POSTGRADUATES ARE IN WORK OR FURTHER STUDY 6 MONTHS AFTER GRADUATING[1]

[1]HESA performance indicator 2015/16

93%

OF POSTGRADUATE STUDENTS WOULD RECOMMEND US

Postgraduate Taught Experience Survey 2017

UNIVERSITY OF THE WEST of SCOTLAND UWS

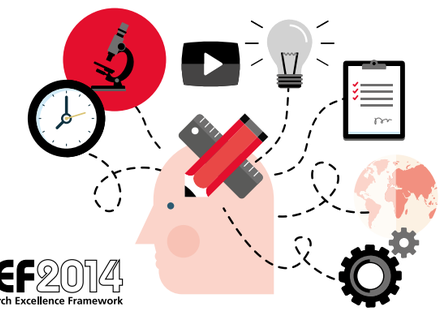
OFFICIALLY RECOGNISED BY 'THE' IN THE TOP 3% OF UNIVERSITIES WORLDWIDE

and world's top 200 universities under 50 years

THE

The Herald HIGHER EDUCATION AWARDS

WINNER OF 'STUDENT SUPPORT TEAM' & 'RESEARCH PROJECT' of the year 2017



REF2014 Research Excellence Framework

INTERNATIONALLY-EXCELLENT AND WORLD-LEADING RESEARCH (Research Excellence Framework 2014)

2016 ATHENA SWAN INSTITUTIONAL BRONZE AWARD

NUS SCOTLAND'S HIGHER EDUCATION STUDENTS' ASSOCIATION OF THE YEAR AWARD 2016

WINNER

4TH

THE TIMES MOST IMPROVED UK UNIVERSITY

THE STUDENT EXPERIENCE SURVEY 2015-16 TOP 100

UNIVERSITY OF THE WEST of SCOTLAND
UWS

AT A GLANCE

CAMPUSES ACROSS THE WEST OF SCOTLAND IN:
AYR
DUMFRIES
LANARKSHIRE
PAISLEY

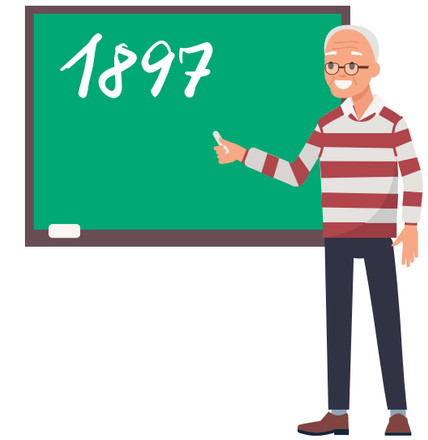
PLUS...
A NEW CAMPUS IN LONDON

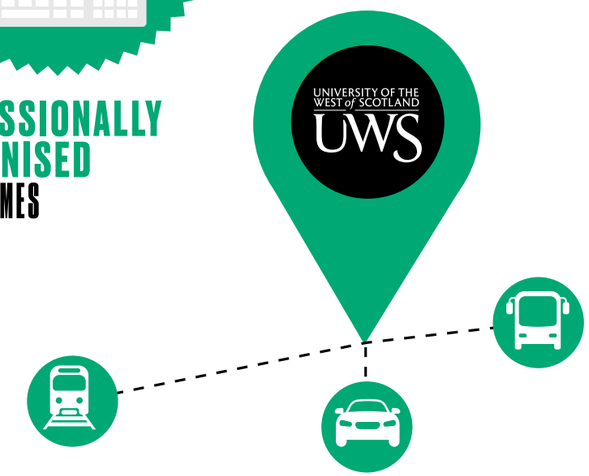
5 CAMPUSES

6 ACADEMIC SCHOOLS
1 UNIVERSITY

PROFESSIONALLY RECOGNISED PROGRAMMES

ORIGINS DATING BACK TO





EXCELLENT TRAVEL LINKS
FROM ACROSS THE UK AND FURTHER AFIELD

16,991 STUDENTS
ACROSS ALL CAMPUSES[1]

POSTGRADUATE AND POST-EXPERIENCE COURSES

[1] Figure based on 2016/17 academic session

AN INTERNATIONAL UNIVERSITY

UWS is an international university; this is embedded in what we teach and how we teach it. Our degrees will give you a global outlook, preparing you for the best international opportunities available.

130 European Partners

Growing number of international partners in:

3,021 International (EU & non-EU) in 2016/17

1/3 Our student body is drawn from a third of the globe

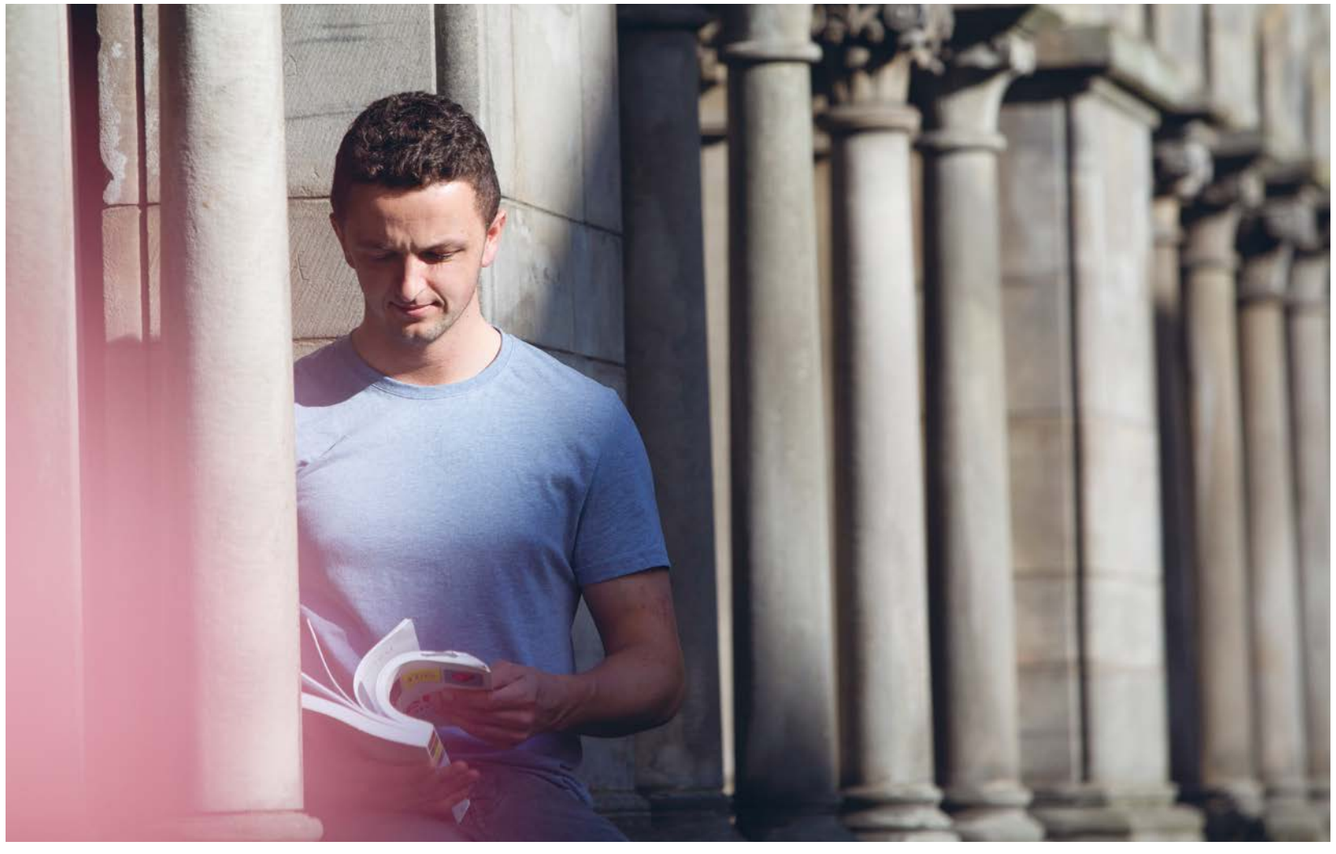
WORK-READY GRADUATES

THE BIG PICTURE

2022 PROJECTING AHEAD THERE WILL BE A GRADUATE UNDERSUPPLY

Research by Universities UK[1] highlights a projected undersupply of graduates by 2022 and noted that employers felt most graduates lack a mix of job-specific skills, general employability related skills and real work experience. The report also discussed the need for greater interaction between universities and employers about the skills graduates need.

At UWS this has long been a key part of our activities. We take a unique approach to ensuring our graduates are ready to meet the demands of their chosen professions. Our degrees across a wide range of subjects include opportunities for practical, hands-on experience, paid in many cases; we bring in experts from industry for insight sessions and workshops; and we provide opportunities for our students to enhance their entrepreneurial, language and communication skills as part of their studies.



GET MORE THAN A DEGREE

We make it the focus of everything we do to ensure that our graduates are ready to meet the demands of their chosen profession. We invest in people's potential to shape their future.

UNIVERSITY OF THE WEST of SCOTLAND UWS DEGREE

- EMPLOYABILITY FOCUS
- ACADEMIC STUDY AND KNOWLEDGE
- EXTRA-CURRICULAR ACTIVITIES
- OUTSTANDING SUPPORT
- PROFESSIONAL RECOGNITION
- PRACTICAL EXPERIENCE

[1] Supply and Demand for Higher Level Skills (2015), UniversitiesUK.ac.uk

You're hired!

At UWS we are committed to equipping you for your career and this journey begins even before you join us.

Our professionally-recognised courses are designed in partnership with business, industry and the professions to ensure that learning meets the demands of the world of work.

From day one you will prepare for your career – in the classroom; through work-related/work-based learning and placement; and a range of other learning experiences. This focus can be evidenced by the fact that 96% of our postgraduate students are in work or further study six months after graduation[2].

With our cutting-edge, professionally recognised courses, practical knowledge, and intelligent teaching, we'll help you get ahead.

Practical experience

It's no surprise that over one third of jobs for new graduates are snapped up by those who have already had work experience with an employer[3]. That's why we offer work-based/work-related learning and placement opportunities as part of selected programmes to complement your academic studies, as well as the practical work you'll undertake as part of your course.

Professional recognition

Selected programmes are recognised/accredited by professional bodies, while others offer opportunities for membership or exemption from professional exams – giving you a competitive advantage which helps enhance your job prospects. For example, our media and culture programmes have some of the UK's highest levels of accreditation from Creative Skillset, and other professional bodies such as the Broadcast Journalism Training Council.

See our course entries online for details of how these apply to individual programmes.

Supporting your career development

Support is available from our qualified Careers Advisers throughout your time at UWS, making sure you're in great shape for your first steps after university.

We are members of the Association of Graduate Careers Advisory Services and offer information, guidance appointments, workshops and events on a range of career development activities such as job searching, CV preparation and interview techniques.

We maintain a vast range of online resources, including a CV builder, interview simulator, employer videos and much more, which students can access at their convenience.

We also run a variety of employability initiatives such as the Aspire Employability Award, Employer Mentoring Programme and Volunteer Recognition Award. Our initiatives are designed to motivate, inspire and give you an invaluable insight into your chosen career path.

[2] HESA performance indicator 2015/16.
[3] Figure based on a report from independent market research company High Fliers.

LEARN FROM THE BEST

With teaching delivered by staff who are highly ranked researchers in their field; input from industry experts; and placement opportunities with national and international organisations, your learning experience will be shaped by those working at the forefront of their profession.

UWS researchers are making a real difference, developing innovative technologies and shaping society.

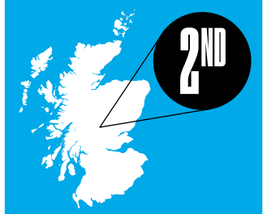
We work with industry, government and partner organisations to tackle a wide range of exciting and diverse issues critical to developing technology, improving lives and creating a more equal society in our regions and beyond. Our research activity also informs our teaching and learning to enrich our students' experience.

In the 2014 REF (Research Excellence Framework) all of our submissions – double the number from the 2008 exercise – were ranked as having international or world-leading status in terms of their originality, significance and rigour. We're currently working with companies and organisations such as Mars, Celestica, the Scottish Government, Honeywell, Diageo, Philips Lighting, DuPont, Network Rail, and the BBC on a number of exciting projects.

UWS applied research

- **Business & Enterprise**
- **Computing**
- **Creative Industries**
- **Education**
- **Engineering**
- **Health, Nursing & Midwifery**
- **Physics**
- **Biotechnology & Environment**
- **Social Sciences**
- **Sport**

REF 2014 HIGHLIGHTS



For electrical and electronic engineering, metalurgy & materials

100% of the impact case studies in **communication, cultural and media studies, library and information management** in our submission were judged to be world-class/ internationally excellent

88% of the **Allied Health Professions, Dentistry, Nursing and Pharmacy research environment** judged as world-class/ internationally excellent

FEATURE

A Masterclass in Creative Media

David Mackenzie
Director of Hell or High Water, Starred Up, Hallam Foe

Film producer James Gay-Rees with Professor Nick Higgins

Our Creative Media Academy (CMA), run by Professor Nick Higgins, gives students access to some of the most successful film directors, producers, journalists, TV professionals, digital artists, animators and coders working in the UK today. Boasting strong links with industry and the public sector, the Academy has established a creative enterprise cluster at Glasgow's Centre for Contemporary Arts (CCA), and at Film City Glasgow, Scotland's biggest and most successful independent film production hub.

Creative Wednesdays
The CMA offers weekly screenings, masterclasses and professional practice sessions designed to inspire students and prepare them for the world of work. Recent guest speakers have included Oscar and BAFTA winning figures such as actress Kate Dickie (Game of Thrones, Filth, Prometheus); film producer Iain Smith OBE (Mad Max: Fury Road, Children of Men, Cold Mountain); assistant director and producer Tommy Gormley (Star Wars, Star Trek, Mission Impossible); screenwriter and director David Mackenzie (Starred Up, Perfect Sense, Hallam Foe, Young Adam); producer Gillian Berrie (Starred Up, Under the Skin, Red Road, Young Adam); producer James Gay-Rees (Amy, Senna, Exit Through the Gift Shop), and award-winning Scottish screenwriter Paul Laverty (Angels' Share, My Name is Joe, Carla's Song, Bread and Roses).

Mixing the best of behind camera talent, with the business expertise that takes scripts from the page, through development and, finally, to the big screen, we seek both to inspire and equip our students with the knowledge and contacts necessary to fulfil their ambitions.

PLACEMENT EMPLOYERS

Our students learn from a number of highly reputable employers through work placements. These have included:

Rolls-Royce
GlaxoSmithKline
Balfour Beatty
IBM
Hilton
BBC
Standard Life
Network Rail
4
hp
Lidl
National Australia Bank

MAKING THE MOST OF POSTGRADUATE STUDIES

As a research student at UWS, you will be challenged to hone your research skills, given access to a tailored development programme to help empower you and supported to push forward the boundaries of knowledge in your chosen field and make an impact with your research.

UWS provides exceptional research opportunities. Our multidisciplinary approach and close ties with industry, other Higher Education Institutions at home and abroad, public sector organisations and the third sector support a unique culture in which students from diverse backgrounds can thrive and achieve their potential. While our research covers an enormous breadth of interests, it is grouped into three key themes – Health, Society and Sustainability.

All research students belong to both their School and the UWS Graduate School, ensuring access to a high quality educational experience whilst undertaking new research study at UWS.

With around 800 postgraduate research and taught doctorate students, including some 500 international students, drawn from over 25 countries, the Graduate School is an exciting international, multidisciplinary research community that provides a life-changing opportunity.

Our globally recognised programmes help motivated, high achieving graduates and professionals to develop their research, analytical and critical thinking skills.

Our postgraduate research students come from a whole range of different backgrounds and disciplines. While some come to the Graduate School direct from completing their first degree, many are adult returners, upskilling and undertaking continuous professional development of relevance to their career and employer's needs.

RESEARCH DEGREE OPPORTUNITIES

A number of research degrees are available depending on experience, project and the scale of proposed investigation.

- **Doctor of Philosophy (PhD)**
- **Master of Philosophy (MPhil)**
- **Master of Research (MRes)**
- **Doctor of Business Administration (DBA)**
- **Professional Doctorate (DProf, EngD[1])**
- **PhD by Publication (PhD)**

For more information on these qualifications visit **www.uws.ac.uk/research**

All of our students are also part of our new Academy which places students at the heart of our research culture and community and ensures they are supported to undertake cutting-edge research. Our multidisciplinary doctoral training programme focuses on your personal and professional development as well as achieving outputs and impact.

Put your thinking to work
Studying for a research degree (MRes, MPhil, and PhD and the taught doctorates DBA, EngD[1] and DProf) furthers your academic development, and increases your employability and career options in a wide range of sectors.

In both full and part-time study modes, the focus is always on helping students to acquire the skills and expertise needed to create impact and drive innovation.

We constantly monitor, manage and improve our research postgraduate offering to make sure students keep pace with the changing nature of research and the demands of potential employers.

The collaborative multidisciplinary research our students undertake allows them to get an insight into a wide range of sectors. Our industry-led research projects and strategic partnerships put our postgraduate research students front and centre when it comes to exceptional research and finding jobs within their chosen specialisation both within and outwith academia. We aim to support our postgraduates to become creative, critical and autonomous thinkers who can make a unique contribution to society.

Structured support for learning
From studies into the health-boosting properties of beetroot juice, to ground-breaking work in the detection of deep space radiation, research undertaken by postgraduate research students at UWS is already changing the way people live and work.

And, when it comes to providing students with the right workplace knowledge for a range of careers, UWS doesn't ignore the soft skills needed to get ahead.

To do that our multidisciplinary training programme is fully aligned to the Vitae Researcher Development Framework and provides a range of online and face-to-face training opportunities. We help with career planning, professional development, teaching skills development, research publication, mentoring, conference participation and much more. We can even help with course funding.

INTERNATIONAL RESEARCH EXCELLENCE SCHOLARSHIPS (IRES)

Exceptional self-funded overseas (non-EU) candidates offered a place on a full-time Higher Degree by research programme at the University may be eligible for a discount on research tuition fees. The level of discount is currently £3500 per annum, but this may vary and the actual value will be published on the University website and be specified in individual offer letters. See the fees section of our website for info.

Local focus, global reach
We are here for our students and to help industry, commerce and the public and third sectors benefit from our postgraduate research expertise. We do that through collaboration, the transfer of knowledge via various initiatives, consultancy and licensing.

In today's fast-changing world, where one technology can influence, disrupt, or inform another, flexibility is key to making the most of potential opportunities.

RESEARCH STUDENTSHIPS

For some research projects there may be support for the payment of fees and a stipend to cover living expenses. UWS funded research studentships may be available to support students from the UK and other EU countries. These are advertised annually, normally in April, with projects commencing in October of the same year. For a list of studentships that are currently available at UWS visit **www.uws.ac.uk/research**

We have recently established a network of new Research Institutes across the University's key research themes in Health, Society and Sustainability, bringing together the collaborative research interests of individual academics to focus on multidisciplinary research. We are focused on where we can make a tangible practical and immediate difference.

For further information on all Graduate School activites please visit **www.uws.ac.uk/research** or email **pgr@uws.ac.uk**

[1] Subject to validation

TOOLS OF THE TRADE

Here are some of the skills Alan and Harvey now use every day.

SEO
SEARCH ENGINE OPTIMISATION
Strategies that help a web page appear higher up in search rankings.

PPC
PAY PER CLICK
Online ads you pay for every time someone clicks on it.

WEB DEVELOPMENT
Everything involved in creating a website, from designing the layout, to creating the code and content.

SEM
SEARCH ENGINE MARKETING
Buying traffic through paid search listings.

SMM
SOCIAL MEDIA MARKETING
The use of social media platforms and websites to promote a product or service.

Designs on life

Digital Marketing MSc graduates Alan Carmichael and Harvey Anderson founded Nettl Edinburgh, one of the capital's most exciting web design agencies. They have an impressive catalogue of clients and a fast-growing reputation. And they only graduated in July 2017.

The ambitious pair have a natural entrepreneurial spark – they'd set up their business (the Central Edinburgh branch of the national Nettl brand) before they even handed in their dissertations – but they say it was their time at UWS that gave them the focus to channel this energy into a career. "When I was looking at digital marketing courses, this was the one that stood out as the most forward-thinking," says Harvey.

The business model for Nettl Edinburgh is directly based on what its founders learned during their MSc. "We build sites and optimise them using tools like SEO, PPC advertising and Wordpress," explains Alan.

After graduating, the two stayed in touch with UWS. "When we started our company we probably didn't have all the skills we needed. But the School of Business & Enterprise has been very supportive; our tutors regularly gave us business advice," says Harvey.

They rarely need advice anymore though. Nettl Edinburgh is holding its own against international competitors with multi-million pound budgets, and recently earned a spot on the first page of Google.

Clients include The Fernando Ricksen Foundation, Mellis Cheesemongers, Firstcall Trade Services and Easylet Property Management – all established brands that expect nothing but the best. Alan and Harvey have impressed every time. Nettl Edinburgh's 100% five-star record on **reviews.co.uk** includes testimonials even well-established agencies would be delighted to receive.

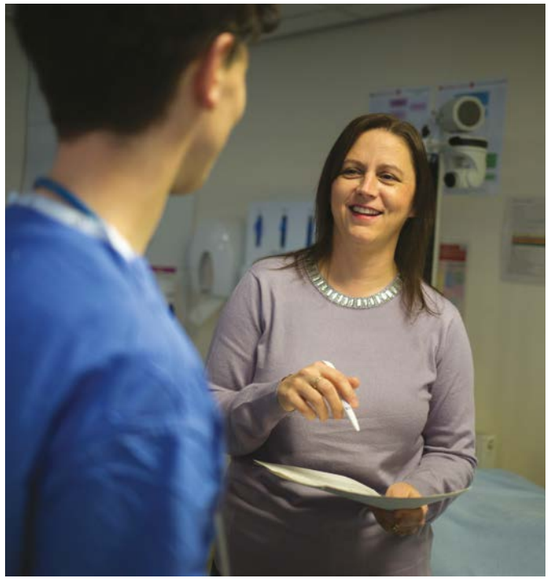
Unsurprisingly, these prodigious postgrads are already planning their next business move, "Now we're a bit more experienced, the next stage is to build our own brand – and then to progress from there."

The path to nursing leadership

ALUMNI: Trudi Marshall

COURSE: MSc Later Life Studies (now Gerontology)

CURRENT ROLE: Associate Director of Nursing



Trudi's relationship with UWS stretches back more than 20 years, to when she completed her BSc in Nursing at the former Bell College, now the site of our current Lanarkshire Campus.

She's been a nursing professional since graduating. In her current role, which she was promoted to in June 2017, she provides leadership to nursing staff across the NHS Lanarkshire area. While promotion in the NHS isn't necessarily linked to academic achievement, it's a clear indication that you want to improve your knowledge, and, as Trudi points out, "helps you stand out as a good candidate for promoted posts."

Trudi reckons the blended learning approach of the course is, "built for professionals." She says, "When you're working full-time, you need a course that fits in with your lifestyle. For me that meant being able to complete my coursework at a time that suited me and didn't result in too much disruption to my schedule."

Trudi found herself studying during the evening and at weekends. She had a clear picture of what she had to complete each week; it was up to her to decide when and how to fit it all in. Knowing that lecturers were on hand is a real asset. "Their support was fantastic, and nothing was too much bother for my tutors. I could contact them by email, phone, WebEx and face-to-face," she explained.

Trudi expects to graduate in 2018, with new skills that will help her in her varied role that's concerned with the health and social care duties of nurses across a range of care organisations.

Experience is the best teacher

ALUMNI: Robert Duffin

COURSE: PGDE Secondary

CURRENT ROLE: Secondary English teacher, Belmont Academy, Ayr

Robert attributes the quality of teaching and support from the PGDE Secondary teaching programme at UWS for his success in achieving his current role as an English teacher. "I studied for my PGDE at UWS. The whole experience was excellent, and incredibly supportive. To be honest, I don't think I would have secured a permanent teaching post in my first year if it wasn't for that support."

The course provided Robert with the formal teaching qualification that he needed for registration with the General Teaching Council for Scotland (GTCS) - a qualification that is a requirement for entry into the guaranteed one-year Teacher Induction Scheme.

By the time Robert completed his year at UWS, he knew he was equipped for everything that teaching would throw at him. Placements within different secondary schools allowed him to put the theory learned into practice.

We put students first. That means investment in facilities, access to the latest tech, and flexible teaching – from academics at the forefront of their profession. We also build business partnerships that help students get professionally connected before they graduate.

Bringing STV 2 UWS

What better way to learn about the technical aspects of live broadcast television and journalism than in a working television station?

That's exactly the experience that UWS students can access. Launched in April 2017, STV2, STV's new local television channel, broadcasts daily from the UWS Ayr Campus to the majority of Scottish homes.

UWS is the only institution in Scotland with this kind of facility on campus and could be the only university in the UK with an on-site TV station. For our students the big advantage is the availability of internships and the partnership has already paid dividends for Kirsty Feerick, an MA Broadcast Journalism graduate, who now works for STV at the Ayr Campus studio.

While this unique UWS collaboration with STV2 is still in its infancy, we believe there is the prospect to expand the range of opportunities available to students across the University's School of Media, Culture & Society. The University also offers media students opportunities for internships at STV's Pacific Quay facility in Glasgow.

STV2 broadcasts a mix of local, Scottish and international content. Its flagship news programme, STV News Tonight, airs every weeknight. There's also a daily live magazine show, programmes that showcase key cultural events and local sports, as well as drama and entertainment. It reaches around 85% of viewers in STV's national transmission area.

A POTTED HISTORY OF STV

31 AUGUST 1957
First broadcast, a variety show from Glasgow's Theatre Royal.

6 SEPTEMBER 1983
First episode of Taggart hits the small screen. Apparently, there was a murder.

2 JUNE 2014
STV Glasgow launched, followed closely by STV Edinburgh in January 2015.

24 APRIL 2017
STV2 launched, combining the Glasgow and Edinburgh services

Leading the way in educational spaces

Students joining the University in 2018 will be the first to experience the facilities at our new Lanarkshire Campus. Based in a 38-acre site at Hamilton International Technology Park (HITP), the new campus will give UWS students access to some of the most advanced and technologically enabled learning environments available.

One of the key aspects of the new campus buildings will be their capacity for open and collaborative learning. There will still be traditional classrooms, but there will also be much more emphasis on spaces that facilitate group, student-led learning. Numerous studies indicate that these new learning spaces enhance the student experience, and are linked to higher achievement levels. Our interactive and technology-rich learning spaces will be the most innovative in the UK and will put the UWS Lanarkshire Campus at the forefront of modern learning environments.

The new campus will also be one of the UK's greenest. Carbon-neutral buildings will help us meet the highest levels of sustainability through features such as 100% renewable power, generated through our own windfarm, and rainwater harvesting.

Our capacity to collaborate with local businesses will be enhanced too. There are 85 businesses, and around 6,500 staff, based at HITP. We're already talking to many of these organisations about ways we can work together that will benefit our students and their business. We believe that the University can become a focal point for the local, and wider, communities.

Once fully operational, the new campus will have capacity for a population of over 4,000 students. Independent studies suggest that the new campus development could be worth at least £443 million to the local economy over the next 25 years. So it's not just good news for UWS students, it's good news for the people of Lanarkshire and beyond as well.

The campus is due to welcome students in September 2018 therefore students commencing study at Lanarkshire Campus in January will do so at the current campus on Almada Street before transferring to the new campus in September.

Student population of

4,000

Virtual reality, real opportunity

If you've not experienced Virtual Reality you'll soon be in the minority. The technology is on the verge of becoming mainstream and there's every possibility it will become the norm in the future, with major investors such as Facebook preparing to launch their VR headset. Such exciting developments pose questions for educators like UWS.

As Professor Nick Higgins, Director of the UWS Creative Media Academy, says, "The question for UWS is how do we engage with these immersive technologies? How might they change the way we conduct our research, how we teach our students, and how we might collaborate with society?"

We don't know all of the answers yet, but we're off to a great start. In early 2017 we created Scotland's first immersive 360-degree VR short film, using our newly acquired 360-degree cameras. The Circuit takes viewers on an immersive journey with a professional jockey – from the weigh-in room to the winner's enclosure. Filmed at Ayr Racecourse by students and researchers from UWS, in collaboration with Glasgow based ISO Design, it was premiered at the Glasgow Film Festival in March 2017.

In the summer of 2017, we took the VR show on the road, to China in fact. The event was the launch of a UK government programme to promote the UK Creative Industries in China. Our presence as the only UK university featured at this event helped position UWS at the cutting edge of VR technologies.

2018 will see the opening of our new dedicated VR lab. We'll be investing more in this over the coming years to make sure we have the technology and facilities to be a leading educator in this developing field. Over the next three years, we'll see every School in the University developing a VR application that will enhance learning in their subject areas, from creative industries to science and health to social sciences.

But VR isn't just about student education, as Professor Higgins is quick to point out. "We want to integrate VR into the way we work with the communities around us. How can we use it to improve their quality of life, and communicate with hard to reach groups?" One example of this is a new PhD project on VR and health and wellbeing that the Media Academy has created with the University of Edinburgh and the Renfrewshire Disability Resource Centre.

SEE MORE

Find out more about UWS Immersive and watch Scotland's first 360-degree VR short film, an immersive journey with a jockey – from the weigh-in room to the winner's enclosure at Ayr Racecourse.

uws.io

UWS IMMERSIVE

From Paisley to Pakistan, Lanarkshire to Laos, and beyond. We're an international university with links around the globe. We're committed to diversity, collaboration, and a curriculum that helps students stand out in the global job market.

University of the whole world

As an international university, we're constantly exploring ways that will help give our courses a wider, global, outlook – and prepare students for the best international opportunities available.

The UWS GO (Global Opportunities) programme already benefits from close links with 130 European partners and many more institutions across the globe. These give our students the chance to live and study in another country, for periods of up to 12 months. There are shorter-term opportunities too – student groups have recently spent time in Korea, the US, China and France.

As part of our strategy to widen international opportunities for students, we're currently developing a new online portal through which they can access a range of opportunities.

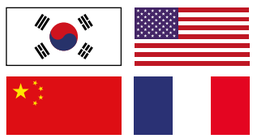
Assistant Dean (International), Professor Richard Davison says, "We want to give every student the potential to enhance their experience and employability by taking part in some form of international learning."

"So the portal will include a broad range of work, volunteering and summer schools that aren't directly related to our courses, as well as the opportunities that are unique to UWS students."

The portal will act as a one-stop-shop for all students: the University will help with all the paperwork, including any necessary visa applications. Credits might be available for some international activities, and we now have a specific Higher Education Achievement Record (HEAR) for International Experience. So students can accumulate international activities to gain this HEAR and thus enhance their CV.

Professor Davison concluded, "We have lots of international partners that could provide an opportunity for a postgraduate student to complete all, or part of their dissertation research in another country, greatly enhancing the quality of the research and subsequently employment opportunities."

AN INTERNATIONAL UNIVERSITY



Student groups have recently spent time in Korea, the US, China and France.

Scoring success on and off the court

When asked about her greatest accomplishment, Carla Borrego, Goal Shooter for the UWS-sponsored Sirens netball franchise in 2017, is very clear, "my education," she says.

"I grew up in Jamaica where opportunities are more limited and I'm proud of being able to take advantage of those that I've been presented with to get to where I am today."

Carla and her team mates completed their first season with the Sirens in the Vitality Superleague in 2017 where they finished in an impressive sixth place for a team in their first year together, just missing out on the end of season playoffs. And Carla herself finished the season as the league's second top scorer!

During the season Carla combined her educational and Sirens commitments in a hectic schedule which she described as "full-on". She is studying Nursing at the University of Adelaide in Australia and was able to undertake study here at UWS in 2017 which will contribute to her degree back in Adelaide.

Carla completed an eight-week placement in the Acute Medical Unit at Paisley's Royal Alexandria Hospital where she would work 7am-4.30pm four days a week with a weights session before placement and a training session with the Sirens at night. And when Carla was due in university for the theoretical part of her course it was almost as intense with her classes running from 9.30am-4.30pm sandwiched in between her training.

"I am very grateful to UWS for the opportunity to continue my studies while competing for the Sirens this season," says Carla.

On top of being the named sponsor of the UWS Sirens for the upcoming 2018 season, we are also proud to support the Scotland u21s Netball Team, who finished in an amazing eighth position at the Netball World Youth Cup in Botswana in July 2017.

To find out more about our partnership with Netball Scotland visit **netballscotland.com**

"The classes at UWS are very interactive and hands-on and it fits perfectly with how I learn. The facilities are also great and allow students the chance to practise the skills that are required for placement and for your career moving forward."

ABOUT HUNAN

Not familiar with Hunan? Here's all you need to know:

Hunan is a region of north-eastern China. It's on the southern banks of the Yangtze River.

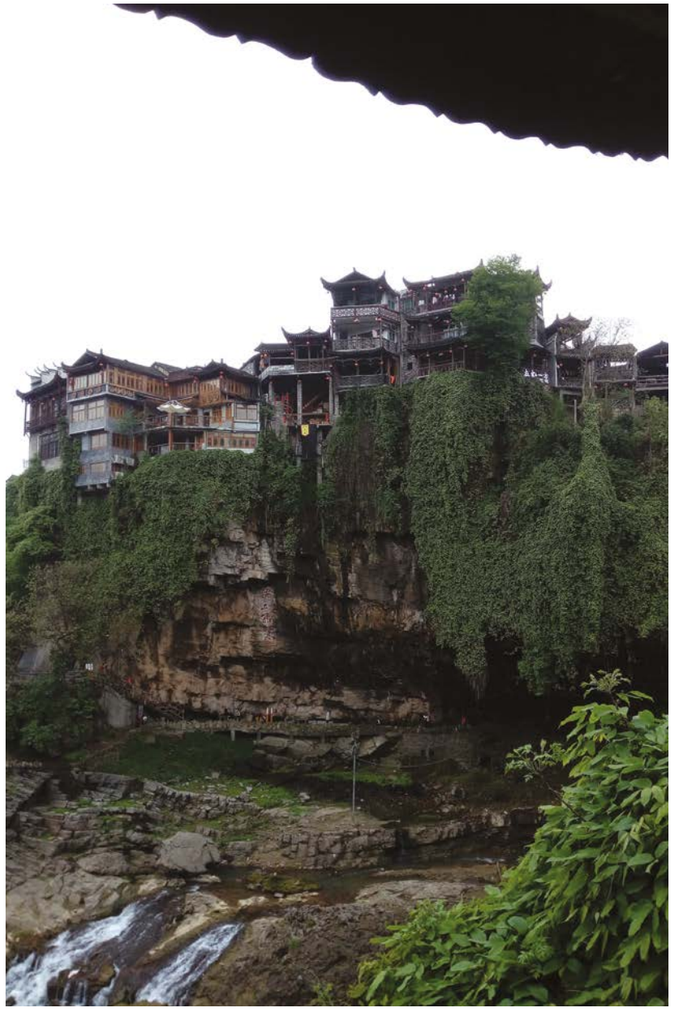
湘 湘
語 语

Hunan is home to a distinct set of Chinese dialects known as Xiang (Hunanese) Chinese. The Changsha dialect is not mutually intelligible with Standard Mandarin.

Xiang (Hunanese) cuisine is known as one of the Eight Cuisines of China. Specialities include spicy chicken cubes and a distinctive style of stinky tofu.

Changsa was the birthplace of Mao Zedong – founding father of the People's Republic of China.

Taking our expertise East



Professor Andrew Hursthouse, Assistant Dean (Research and Enterprise) in the School of Science & Sport has been awarded a Fellowship in the Chinese region of Hunan.

Professor Hursthouse has been studying environmental pollution his whole career. But never quite on the scale of his latest undertaking: a competitively awarded three-year fellowship in China, under the Hunan Provincial Recruitment Program of Foreign Experts.

The fellowship, valued at 1.2M RMB (c. £140,000), will support Professor Hursthouse in establishing a research programme that looks at how countries like China use their energy resources, the associated environmental issues, and ways we can mitigate them.

Environmental challenges in China occur on a unique scale: at times, the smog in Beijing gets so bad it's been nicknamed the 'airpocolypse'. Conducting his research in Hunan means Professor Hursthouse will get the chance to apply his expertise in environmental geochemistry on a larger scale. And make a bigger impact than ever.

Opportunities for postgraduates

Professor Hursthouse is recognised as a visiting member of staff at the Chinese University, and will spend up to three months of his year there. He has a team of research students in China, as well as a group of Chinese exchange students conducting studies in Scotland.

This link will give UWS PhD students the chance to work on research that will help influence the way the world tackles pollution. It also introduces the exciting prospect of students travelling to China to get valuable experience – academic and cultural.

A great reflection on UWS

Speaking about the opportunity, Professor Hursthouse says, "The academics at Hunan wanting to bring UWS expertise into their university proves the significance of the work we're doing here. This really is a unique opportunity."

Our research is internationally recognised. That's because we support the process - we connect students with experts, provide a support network for grant applications, and help to develop enterprise projects for the real world.

ENTERPRISE SERVICES

The business of knowledge

UWS NOVOSOUND RESEARCH – WINNER OF SCOTLAND'S CONVERGE CHALLENGE 2017

Having masses of knowledge in a university is one thing. Getting it out into the world so it can fuel progress is another thing altogether. That's the work of Enterprise Services.

They're here to make your time at UWS a transformational experience – professionally and personally – by helping you make the most of the opportunities available.

Knowledge partnerships
Transferring academic knowledge into industry helps companies improve and grow. And that creates jobs.

How does it work? We place postgraduate researchers in businesses and organisations where they do product R&D with the company, while still being under academic supervision. This gets knowledge into industry, and postgraduates into jobs, with great success – many stay on with the employer after the project has finished.

Start-up enterprise
Another challenge is to get UWS-developed technology into real-world applications, and to turn intellectual property (IP) into income. All of this helps us support more research and development in the future.

For instance, a team in the Institute of Thin Films, Sensors and Imaging has developed a world-leading method for depositing thin film coatings. It's never been done before, and has the potential to produce more accurate sensors.

We're helping the team set up a number of companies that use sensors made with this technology. One of these is Novosound, a company that builds high-resolution ultrasound imaging systems. Novosound will license the IP for the method from UWS, and sell products to companies worldwide. The result? The world gets technology it needs, and we generate funding for future research programmes. Win-win.

Updating and upskilling
It's vital to keep industry knowledge up to date, so we offer tailored continuing professional development (CPD) courses in partnership with businesses, and to individuals. Through these, we can transfer the skills and knowledge you need to keep progressing, long after you qualify in your chosen field.

How Novosound is changing our world
Novosound is the application of research work conducted by a team of physicists at UWS. The pen-sized ultrasound sensor produces MRI-quality ultrasound pictures, without the costs normally associated with high-resolution imaging.

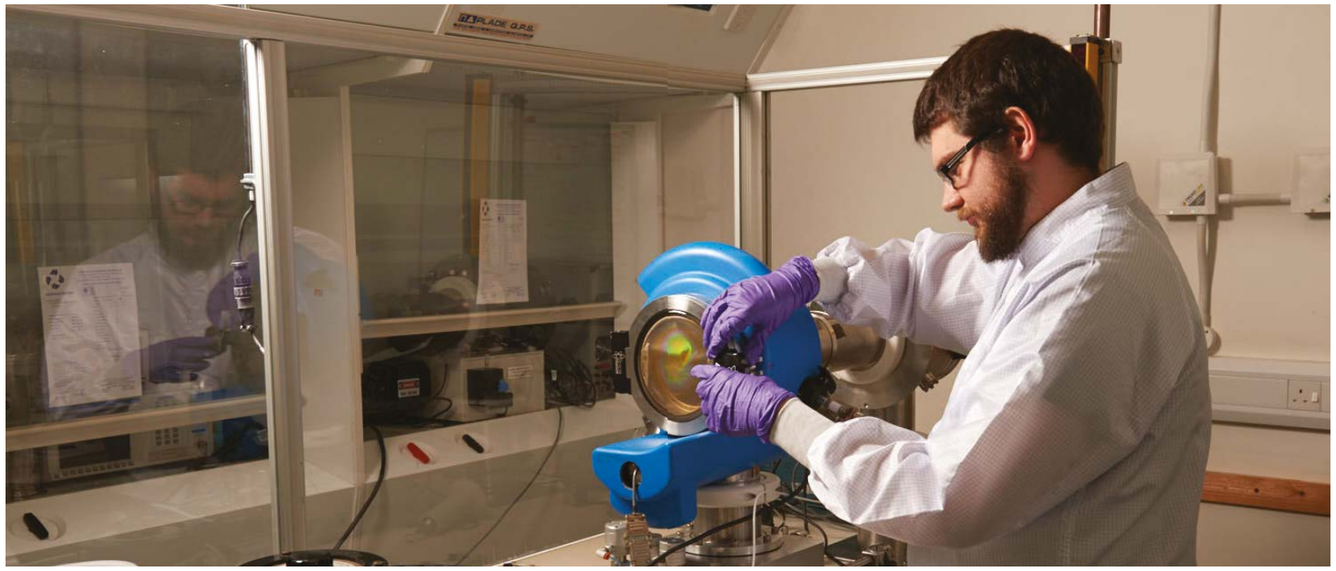
It has applications in:

- Flexible non-destructive testing (NDT) imaging
- Pregnancy scans
- Medical imaging
- Veterinary imaging
- Dental imaging

THIN FILMS EVERYWHERE

You probably come into contact with thin films every day. Here are some of their most common applications:

MICROCHIPS · HEADLAMPS · BATTERIES · LENSES FOR GLASSES AND CAMERAS · MIRRORS · FOOD AND DRINKS PACKAGING



Thin films, big waves

You probably don't even notice they're there, but they are. Thin films are used in almost every aspect of technology – including the screen and lens of your phone. They perform all sorts of functions, from eliminating ultraviolet and infrared from selfies, to proving the existence of gravitational waves.

Let's rewind for a moment. In February 2016 scientists confirmed they had detected ripples in the fabric of space-time: gravitational waves. The first were observed in the final fraction of a second after two black holes collided 1.3 billion light years away. The discovery opened up an entirely new window on the Universe – suddenly, we could observe some of the most exotic and elusive phenomena in existence. Black holes included.

Where do thin films feature in all this? They were a crucial part of the instruments used to measure the waves.

Award-winning science
This breakthrough is so significant that UWS staff involved in the project have been awarded a share of the prestigious Milner Breakthrough Prize in Fundamental Physics, and the Gruber Foundation Cosmology Prize.

A further team, led by Professor Des Gibson, will be involved in improving the instruments for the next round of experiments.

Of course, none of this happens in isolation. UWS is working alongside Gas Sensing Solutions Ltd (GSS), a Glasgow-based company that makes world-leading, ultra-low power CO_2 sensors. Co-founded by Des Gibson in 2006, the company has won an Institute of Physics Innovation Award for its work – which has applications in industrial safety, property and medicine. And now cosmology.

A pioneering portfolio
Ground-breaking astrophysical work aside, the Institute of Thin Films, Sensors and Imaging is involved in a host of novel projects. Des, who spent 30 years leading commercial companies before returning to academia, says, "We have an array of exciting, world-leading research programs. Plasma technology for the $5 billion US laser fusion program. Portable infrared spectrometers for environmental monitoring and surveillance. Ultra-durable coatings for the oil and gas industry. Novel dental imaging technology. 'Nanokicking' for controlling stem cell differentiation in regenerative medicine. That's probably enough to be getting on with!"

Stranger than science fiction

Remote surgery, driverless cars and smooth mobile HD streaming could all become a reality thanks to pioneering research taking place at UWS.

Researchers Jose Alcaraz-Calero and Qi Wang are the technical leads on the SELFNET project, developing a 'self-healing' mobile network. It will deliver dramatic improvements to quality of user experience, reliability and security – unlocking a wealth of new possibilities. "Put simply," says Dr Alcaraz-Calero. "SELFNET will allow 5G networks to make possible things that would have been considered science fiction just a few years ago."

Their research feeds directly into the things you'll learn at UWS. "We regularly invite academics and PhD students to give guest lectures on topics that are in our curriculum related to their special expertise," says Qi. "For example, in our MSc Smart Networks programme, we align our teaching with the latest advances in 5G mobile networks, informed by the SELFNET project."

What is 5G and SELFNET?

- Fifth generation wireless connection
- Stable connectivity even when on the move
- Will eliminate signal blackspots in rural areas

Faster, faster!
You'll get download speeds of up to 10GB per second. The bigger picture? Driverless cars and huge advances in digital health – including remote surgery and dramatic improvements in rural healthcare delivery.

COURSE INFORMATION

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Science 98
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APPLY

Applications for most taught and research courses can be made online at uws.ac.uk/pg unless otherwise stated in the programme entry.

For more information on the application process, see page 128.

GOT A QUESTION ABOUT UWS?

If you'd like to talk to us about studying at UWS call us on 0800 027 1000 (44 141 849 4101 outwith UK).

PORTFOLIO REVIEW

At time of print, the University is undertaking a review of programmes across the UWS campuses. Some of the programmes in this prospectus may, therefore, be subject to change. For latest details, visit our website, call 0800 027 1000 (44 141 849 4101) or email ask@uws.ac.uk

STAY IN TOUCH

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facebook.com/UniWestofScotland

Follow us on Twitter
twitter.com/UniWestScotland

Watch us on Vimeo
vimeo.com/uniwestscotland

BUSINESS

89%

OF STUDENTS FROM THE SCHOOL OF BUSINESS & ENTERPRISE WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

Choosing to study at our School of Business & Enterprise will offer you a life-changing experience, taking your learning to a new level.

The student experience is at the heart of our programmes and we collaborate with business leaders to design programmes that produce 21st century-ready graduates. Learning supports the development of employability skills and attributes valued by the employers of today and into the future.

The School of Business & Enterprise offers a range of full-time, part-time and distance learning postgraduate programmes starting in January or September 2018.

Our programmes

Our programmes build on our subject expertise, strong links with industry and a student-focused approach offering you an excellent opportunity to study at Masters level. They enable you to build on your existing qualifications and gain a postgraduate degree that will enhance your academic understanding of your chosen field as well as increase your employment prospects.

THE STATS

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

92% of students from the School of Business & Enterprise agreed staff are good at explaining things - Postgraduate Taught Experience Survey 2017

90% of students from the School of Business & Enterprise agreed their research skills have been developed on their course - Postgraduate Taught Experience Survey 2017

All of our programmes are designed around, and offer, a strong academic profile and content. You will be part of a diverse cohort of students from the UK and across the world, learning from other students, sharing experiences and benefiting from different perspectives.

Facilities

At our new Lanarkshire Campus, opening in September 2018, you will benefit from access to some of the most advanced and technologically enabled learning environments available. At Paisley Campus recent investment in the Gardner Building has led to an active learning environment which is capable of alternating between lecture-based and team-based modes. The use of technology (such as virtual learning environments, mobile applications, smart boards, etc.) at all campuses will add to your experience. Library and study spaces have also been upgraded and are regularly reviewed.

Supporting you

Support both before and during your studies is offered in a variety of ways. From advice when you first enquire, through to support as you apply, enrol and beyond. Scholarships and financial support are available for certain programmes which means our Masters courses are attractive to students from all over the world.

Links with business and industry

Our programmes provide you with the opportunity to gain experience with Scottish, UK and international organisations. There will be opportunities for engaging with organisations through class content, and practical assessments and you will have the option of focusing your dissertation/ project on the specific needs of an organisation. We have focused links from our programmes to professional and/or industry bodies.

Research excellence

We have developed core activity in internationally recognised, business-related research, which underpins curriculum development, teaching and learning and staff development. We have two main areas of research (accountancy and finance; and business and management). The research we produce was recognised as world-leading and of international excellence in the last UK Government's Research Excellence Framework (2014).

We have active research and consultancy links with a range of commercial, industrial and professional organisations. We are very active in Knowledge Transfer Partnerships (KTPs) and can offer KTP associates an opportunity to gain industry experience.

Consultancy

We have also built a reputation for quality in consultancy, working with many of the UK's top companies. Recent projects include a multimillion dollar World Bank/European Commission funded consultancy project (won in the face of major competition from a number of leading European organisations), which introduced international accounting standards to the Republic of Azerbaijan, and a Scottish Government commissioned study into the importance of minority ethnic businesses to the Scottish economy. The consultancy projects help our staff to maintain a real world emphasis in the programmes we offer.

New programme development

The School are developing new postgraduate programmes for September 2018 (subject to validation) in the areas of:

- Accounting and Finance
- HRM & Leadership
- International HRM
- Leadership and Management
- Sports Marketing

Our website will have all programme details as they are released.

Project/Quality Management

The University's School of Science & Sport offer programmes in Project Management (page 104), Project Management (International) (page 104), Quality Management (page 105) and Quality Management (International) (page 105) which may be of interest to those with a Business background – see programme entries for details.

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FINANCIAL SUPPORT

Students may be eligible to apply to SAAS for postgraduate loan funding – see **uws.ac.uk/money** for details.

ALUMNI PROFILE

Recruit turned recruiter

ALUMNI:
Samantha Mathieson

COURSE:
MSc Finance and Accounting with CIMA

CURRENT ROLE:
Student Recruitment Manager at CIMA

Proving the value of networking, Samantha Mathieson was offered an exciting opportunity with CIMA (the Chartered Institute of Management Accountants) on completing her Masters degree. Working from home, she encourages accounting and finance students to become CIMA members. Her 'patch' includes all of Scotland and northern England, so there's a bit of travel involved too.

"UWS was excellent at helping us to network and make contact with relevant people in the industry," says Samantha. "In my case, it paid off almost immediately, as I was offered this role within a month of graduating."

Samantha had been a CIMA member herself for a number of years and has a background in financial accounting. She completed her Bachelors degree in Accounting at UWS in 2015, and signed up for the Masters course right away. Her ultimate goal is to achieve professional status with CIMA; her Masters degree gives her a real head start, granting her exemption from several of CIMA's own exams.

What else did she gain from the course? "Beyond the academic value and knowledge I gained, the course introduced me to a broad range of cultures," says Samantha. "Through that, I feel I've learned much more about overcoming issues and working in collaboration with others."

A POTTED HISTORY OF BRECHIN RAILWAY STATION

1848 Brechin to Bridge of Don branch line built by Aberdeen Railway Company

1885 Station expanded to accommodate more passengers and freight trains

1894 Branch line sold to Caledonian Railway Company

1923 Caledonian absorbed into the London, Midland and Scottish (LMS) Railway

1952 Line closed for passenger trains (then freight trains in 1981)

1993 Caledonian Railway Brechin runs first passenger train in over 30 years

Full steam ahead

Tourism's a big business. Across the UK, around 10 million people a year visit a heritage railway attraction — contributing an estimated £250 million to the economy. How does a small, volunteer-run railway tap in to that rich seam, and become a focal point for the local community?

Caledonian Railway Brechin has been around since 1982. But it was much later when they came to the attention of UWS, when their steam train was damaged by local youths. Working with them, we developed a marketing plan to engage more effectively with the local community, attract more visitors, and build a financially secure legacy for the organisation.

Sandro Carnicelli, UWS researcher and Programme Leader for the MSc International Events and International Tourism courses, said, "We wanted to review the ways they engaged with the local community. We firmly believed that the heritage railway could be a real catalyst for change within the town, providing a focal point for residents and visitors."

The year-long study was funded by the UK Department for Transport under its Heritage and Community Rail Tourism Innovation Competition. In fact, UWS was the only Scottish winner of this award in 2016. The results of the feasibility study and marketing plan were published in late 2017.

The key strands of the plan call for:

- Using the heritage railway to highlight Brechin as a tourist destination — the train can be the key attraction in the town
- Creating a centre for engineering heritage and history – they've already begun engaging more directly with local schools, creating an outdoor classroom through class visits
- Developing a tourist route for the town – linking the train with other activities in and around Brechin, and creating a destination branding plan for the area

Sandro added, "The whole project links nicely with our new postgraduate courses in International Events Management and International Tourism Management and forms an excellent case study for our students. And while we're delighted to have helped the railway, we believe that the exercise has also enabled us to create a blueprint for community-led heritage projects."

ENTERPRISE ZONE

Get in the zone

The Enterprise Zone – a creative hub for students, staff and partners.

Career success isn't just about knowledge. Employers also look for skills like problem-solving, creativity and entrepreneurial spirit – the type of skills that flourish best beyond the confines of the classroom.

The Enterprise Zone is a space designed to help you strengthen those transferable skills. It's packed with resources, hosts regular events, and is yours to use while studying at UWS.

Creative thinking
More relaxed than the library, more focused than the Union – the Enterprise Zone is the perfect spot for critical-thinking, decision-making or problem-solving.

Work with others
Need a space to work on your group project? Somewhere to hold a society meeting? Book a space and get to work.

Feed your ambition
Meet the people who've reached where you want to go, find out what worked for them, and ask them what they learned along the way.

Bring your CV to life
There's a permanent green screen on site, and you can use all our equipment to turn your resumé into a short film. More impressive than a page of A4!

Perfect your presentation skills
Practising your presentation in front of your flatmate is a great start. But for a real run-through, the Enterprise Zone boardroom is ideal.

Find the Enterprise Zone on the ground floor of the Gardner Building on Paisley Campus.

THE VISITORS' BOOK

Here are a few of the entrepreneurs who've dropped in to the Enterprise Zone so far:

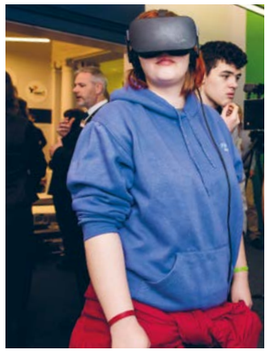
David Kellock, Trtl
Co-founder of Trtl; a travel pillow unlike any other. He featured on Dragon's Den – and even made an appearance at the Oscars.

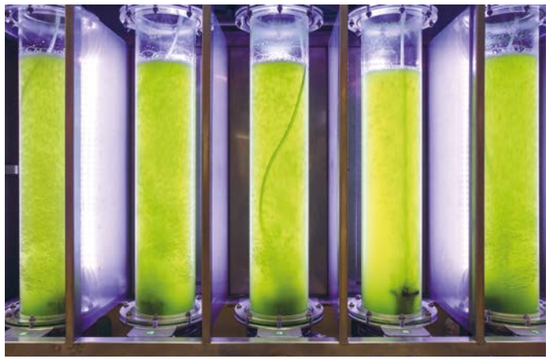
Matt & Nana Hughes Lartey, *Spectre Creative*
Co-founders of Glasgow's only branding agency that works exclusively for businesses that have a positive impact on society.

Robbie Norval, *Lingo Flamingo*
Founder of the world's first foreign language social enterprise.

Paul McGinley, *Pyramid Wifi*
Creator of a tiny WiFi box that keeps users connected to TV, movies and sport anywhere in the world – an invention that once won him £10,000.

Lesley Compston, *KLAS Care*
Co-founder of a social enterprise that changed many parents' lives – by offering childcare on a pay-as-you-go basis.





Algae rhythm

Scotland's remote and rural communities face an energy problem: they're some of the best places in Europe to generate renewable energy, but they have extremely limited access to the grid. So what can you do with all that wind power? Grow algae, and sell it for lots of money.

That's the aim of the ASLEE project – a collaboration between the School of Business & Enterprise and the School of Engineering & Computing at UWS, as well as the Scottish Government, local community groups, and private companies.

Growing algae is relatively simple: you need powerful lights, water, CO2, and a few nutrients – which can come from the potale and potash waste from the whisky industry. And because you can switch the process on and off without damaging the algae, it's a perfect match for an energy source as intermittent as wind.

That's all very well, but what about the business model? That's where Ron Livingstone's expertise comes in. Ron, Assistant Dean (International) in the School of Business & Enterprise, is working on the business models and income streams that will make the project a viable prospect for crofters. Depending on the type of algae, it might be used to make fuel, foods, pharmaceuticals, or nutrients for animal feed.

The trick is to find algae with a high value per kilo. For example, says Ron, "On a rural croft with a turbine and the right kit, you could grow the algae in ten days, dry it out, stick it in a Jiffy bag and post it at very low cost.

"And if you can sell it at £5,000 a kilo, that makes it quite an attractive business proposition." Is this the future of 21st century crofting? It's certainly the kind of innovative thinking that should get minds ticking among prospective business students.

A RENEWABLE-READY SYSTEM

1. Take the excess energy generated by wind turbines
2. Use it for powerful light systems to grow algae
3. Add nutrients and CO2 waste products from other industries, like a distillery
4. Sell the algae, with low transport costs
5. Switch it on and off, according to the wind

"On a rural croft with a turbine and the right kit, you could grow the algae in ten days, dry it out, stick it in a Jiffy bag and post it at very low cost."

RON LIVINGSTONE

ASSISTANT DEAN (INTERNATIONAL) IN THE SCHOOL OF BUSINESS & ENTERPRISE

DIGITAL MARKETING

digital marketing institute

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	MSc (full-time) 1-2 years	London[1], Paisley

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Designed in line with current industry practice to meet the growing demand for digital marketing professionals, this programme gives you an opportunity to build a successful career in this fast-growing global sector.

The surge in demand for digital marketing specialists from companies looking to quickly step up their game in this area has led to a skills shortage within the sector. This programme will equip you with the skills, knowledge and practical experience to meet this demand.

The MSc in Digital Marketing is now in partnership with the Digital Marketing Institute (DMI). Students who complete the MSc in Digital Marketing will have the opportunity to receive an internationally and industry-recognised digital marketing qualification in addition to MSc Digital Marketing upon completion and passing of a Pearson VUE exam.

Graduates are expected to attain senior positions in the digital marketing industry, including roles within major commercial organisations or senior roles with digital marketing agencies, either locally, nationally or internationally. Other posts related to the sector include events, offline marketing and PR.

ENTRY

Bachelors degree or relevant academic, vocational or professional qualifications including significant work experience in the digital marketing/marketing sector.

International students
In addition to the above, overall IELTS score of 6.0 (or equivalent) and no less than 5.5 in any individual component.

[1] London Campus entry is only available in September.

86% OF DIGITAL MARKETING STUDENTS WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

DOCTOR OF BUSINESS ADMINISTRATION (DBA)

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	DBA (full-time/ part-time) 3 years/ 6 years maximum	London[2], Paisley[3]

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme will appeal to those wishing to gain the highest level of professional qualification available in business and management, by undertaking world-class doctoral study. It will be of interest to leaders and managers working in the private sector, health, local authorities and higher education, enhancing your professional and executive practice through the application of rigorous research to real and complex issues in business and management.

Contemporary employment requires high levels of intellectual sophistication, with employers specifically recruiting candidates with doctoral qualifications. The programme focuses on advanced strategic management modules and a research thesis.

DBA graduates are equipped to hold several high-level positions including executive and leadership positions in business and commerce and the public sector. A doctorate provides great personal satisfaction by enabling you to take your learning to the highest recognised level.

ENTRY

You will normally be expected to be an MBA graduate, professionally qualified, with at least five years' experience as a director/senior manager, and recognised as a high achiever in a non-academic environment.

International students
In addition to the above, overall IELTS score of 6.5 (or equivalent) and no less than 6.0 in any individual component.

[2] In London there are six separate cohorts throughout the year.

[3] May be offered in Paisley on a part-time or other mode basis – contact us for details.

100% OF DBA STUDENTS WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

FINANCE AND ACCOUNTING WITH CIMA

CIMA Chartered Institute of Management Accountants

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	MSc (full-time/ part-time) 1-2 years/3 years	Paisley

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Developed in conjunction with the Chartered Institute of Management Accountants (CIMA), this programme prepares you for a successful career in finance and accounting, working at home or overseas in various business environments.

This MSc provides an opportunity to gain relevant contextual and subject specialist knowledge through a structured programme of academic studies. It adds value to your first business or accounting related degree by giving you an integrated and critically aware understanding of your specialism.

Graduates can explore a rich diversity of career options in finance and accounting management posts in industry and commerce.

Students may wish to fully complete their professional accreditation with CIMA as the primary aim of this programme is to obtain professional exemptions. Other progression routes include a research career or further management qualifications such as an MBA or DBA.

ENTRY

Applicants must have achieved a degree in any business or accounting related discipline.

Applicants with lesser qualifications may also be considered if they have sufficient relevant work experience within the industry, and/or hold other degrees, as long as they have started to study with any accounting and finance professional body, such as ACCA, CIMA, etc.

Where English is not the first language, students must be able to satisfy the University of their competence in English with an overall IELTS score of 6.0 (or equivalent) and no less than 5.5 in any individual component.

86% OF STUDENTS ON THIS COURSE WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

HUMAN RESOURCE MANAGEMENT[4]

cipd Approved Centre

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	MSc (full-time/ part-time) 1-2 years/3 years	Paisley

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme has been designed to reflect the development of human resource management (HRM). The programme adds value to candidates by equipping you with a critically aware understanding of human resource management. In doing so the programme enables its graduates to take on general or specialist roles within the HRM functions of organisations globally. This understanding will achieve greater utilisation of the human resource and facilitate greater business success and increased employee satisfaction. It will allow participants to develop and assess employment policies and support organisational development.

The full-time programme will be beneficial for those wishing to enter a career within the area of HRM or looking to complete the programme in a shorter space of time. The part-time programme will be beneficial for both general managers and those working in the specialist function of HRM.

The programme is also designed to develop professional competencies and lead to professional accreditation by the Chartered Institute of Personnel and Development. Upon completion of the Postgraduate Diploma, HRM students will have a choice of options. They may choose to exit with the Diploma. Completion of the Diploma stage of the programme will lead to students being eligible for a level of membership of the CIPD. Alternatively students may decide to progress onto the Masters stage of the programme. Support from the Programme Leader is provided during this period of decision making.

ENTRY

Candidates for the Postgraduate Diploma should normally have relevant work experience and possess an Ordinary degree. MSc applicants require an Honours degree or equivalent, plus relevant work experience. Applicants with a non-business-related degree but significant professional experience will also be considered.

In line with University and CIPD policies on wider access, applicants who do not meet standard entry requirements will also be considered.

Diploma students who satisfy the progression requirements will then be eligible to pursue the MSc.

Students who wish to be considered for Recognition of Prior Learning (RPL) should contact CIPD and they will carry out a mapping or RPL exercise (+44 (0)208 263 3353).

International students
In addition to the above, overall IELTS score of 6.0 (or equivalent) and no less than 5.5 in any individual component.

[4] This course is currently being remapped and is therefore subject to programme updates - check our website for the latest info.

INTERNATIONAL EVENTS MANAGEMENT

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	MSc (full-time/ part-time) 1-2 years/3 years	Paisley
INTAKE: January & September	**CONTACT:** Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

Designed to accommodate the demand for talented, capable practitioners, this programme prepares you for a successful career in events management at home or abroad.

This programme enables you to develop your practical, strategic and conceptual understanding of the events sector within local, national and international contexts.

As events are increasingly recognised as a tool for stimulating economic development, the industry is quickly professionalising and requires a growing number of graduates to form an educated, critically informed workforce. The UWS MSc in International Events Management is designed to meet this demand.

Graduates are expected to find employment in a range of events roles including business events, festivals and cultural events, global mega-events, sporting events, community events and charity/ cause related events. Graduates may consider careers in fields related to tourism, marketing and PR and a range of other sectors.

ENTRY

Bachelors degree or relevant academic, vocational or professional qualifications including significant work experience in the digital marketing/marketing sector.

International students
In addition to the above, overall IELTS score of 6.0 (or equivalent) and no less than 5.5 in any individual component.

INTERNATIONAL MANAGEMENT

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	MSc (full-time) 1-2 years	Lanarkshire[1]
INTAKE: January & September	**CONTACT:** Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

Designed to build your international management career, the MSc will equip you with the theoretical knowledge and conceptual skills to work in environments requiring high levels of international managerial competence.

Leadership and management skills are essential for organisational success, and you will acquire a robust set of analytic tools enabling you to play a productive role in the management of international business organisations. You will develop global perspectives of business and management, informed by a sound understanding of the wider cultural and national contexts in which organisations exist.

You will study modules covering general management and its key functional areas and the development of the applied professional skills, practices and techniques in the management environment.

You will be equipped to work in professional practice in middle management at international level, where you can make an early and significant contribution to your employer. You will acquire important analytical and management skills suitable for various generalist managerial roles.

ENTRY

An undergraduate degree in any discipline or equivalent.

Applicants with relevant professional experience will also be considered for entry to the course.

International students
In addition to the above, overall IELTS score of 6.0 (or equivalent) and no less than 5.5 in any individual component.

[1] Subject to change – check our website for updates.

> "I wanted to branch out and learn new skills that I could put to good use in my career or in my volunteer capacities. UWS is one of the best universities there is to develop your talent and skills."
>
> **FRASER ELLIS**
>
> INTERNATIONAL MANAGEMENT GRADUATE AND IT/ BUSINESS CONSULTANT WITH THE FDM GROUP

INTERNATIONAL MARKETING MANAGEMENT

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	MSc (full-time/ part-time) 1-2 years/3 years	Lanarkshire[2]
INTAKE: January & September	**CONTACT:** Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

Build a successful career in international marketing management, working at home or overseas within a variety of business environments.

This degree provides you with solid theoretical and practical knowledge and skills in the key areas related to the efficient management of international marketing. It will enable you to be an effective marketing manager within a variety of business environments. The option exists to specialise in particular areas of marketing and business functions, with an emphasis on international themes.

The modules offered will enable you to develop the essential skills and knowledge required to operate a marketing function successfully, with optional modules developing specialist knowledge such as international and global marketing; business to business marketing; and marketing, innovation, creativity and enterprise.

Graduates have a rich diversity of career options and many typically enter management posts in exciting areas including marketing communications, market research, business development, new product development, business to business marketing and brand development.

ENTRY

An undergraduate degree in any discipline or equivalent.

Applicants with relevant professional experience will also be considered for entry to the course.

International students
In addition to the above, overall IELTS score of 6.0 (or equivalent) and no less than 5.5 in any individual component.

[2] Subject to change – check our website for updates.

100% OF STUDENTS AGREED THAT THE COURSE ENHANCED THEIR ACADEMIC ABILITY

Postgraduate Taught Experience Survey 2017

INTERNATIONAL TOURISM MANAGEMENT

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	MSc (full-time/ part-time) 1-2 years/3 years	Paisley
INTAKE: January & September	**CONTACT:** Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

In contemporary society, tourism is increasingly a major contributor to the economic and cultural landscape of nations across the globe. At a national level, Scotland's tourism sector currently sustains 175,000 jobs with an estimated 50,000 new roles to be created in the next ten years. At a global level, the World Tourism Organisation predicts that global tourism visits will rise by 600 million by 2020. This continued, rapid growth requires senior managers and trainers educated at Masters level to address the talent gap issues.

The MSc International Tourism Management is designed to enable you to help meet this demand, producing critically informed, operationally capable practitioners through a flexible, student-centred delivery model. By the end of the programme you will be able to demonstrate:

- A critical understanding of the historic, theoretical and conceptual body of knowledge relating to the production, consumption and regulation of international tourism.
- A critical understanding of the current key political, economic, social, cultural and environmental issues which inform international tourism management and to apply such understandings to a wide range of tourism contexts and settings.
- A critical understanding of the range of practical and operational procedures required to successfully deliver tourism activities and portfolios.
- A range of complex analytical skills and abilities, including research skills, in order to critically examine existing practices within the tourism industry.

As a student of this programme you will have the opportunity to follow one of three routes of study.

The first route will appeal to students wishing to enter the tourism management industry from a different discipline and contains modules which focus upon practical issues as well as conceptual and strategic subjects. The second route is tailored towards students who have an existing qualification in the tourism field and allows students to specialise their learning further via the use of optional modules from the Marketing, Events and Tourism Programme Cluster Group. The third route is a work-based learning pathway which offers students the opportunity to complete part of their studies via projects agreed in partnership between the student, the University and their employer.

The programme makes use of an innovative delivery model which combines video lectures, conversations with academic and industry experts and face to face tutorials, and requires students to undertake assessments closely tied to practical settings and real life situations.

ENTRY

Bachelors degree or relevant academic, vocational or professional qualifications including significant work experience in the digital marketing/marketing sector.

International students
In addition to the above, overall IELTS score of 6.0 (or equivalent) and no less than 5.5 in any individual component.

LOGISTICS AND SUPPLY CHAIN MANAGEMENT

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	MSc (full-time/ part-time) 1-2 years/3 years	London[1], Paisley

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

In highly competitive and global markets the pressure on organisations to find new ways to create and deliver value to customers grows ever stronger. In the last two decades, logistics and supply chain management activities have moved to the centre stage, and have become a key determinant of business competitiveness.

This programme offers you the opportunity to study all aspects of logistics and supply chain management, covering the range of activities associated with the efficient flow and storage of goods, services and related information.

You will acquire cross-functional knowledge, gaining the sound technical, analytical and managerial skills required to meet the challenges of consumers' demands for greater choice and improved value, the globalisation of operations, intensified competition, environmental issues and increasingly turbulent and expanding markets. Practical experience in a local company may be possible during your dissertation.

Employment possibilities for qualified supply chain managers include government agencies, consultancy firms (supply chain management), manufacturing and retailing companies, transport companies, and local authorities' planning and transport departments. UWS graduates have found employment in Toyota UK, Vestas (renewable energies), Rawlplug, The Edrington Group, Premier Foods, HP, BAE Systems, NHS Scotland, Carrefour, European consultancy groups, and other national and international companies.

ENTRY

Candidates for the Postgraduate Diploma should normally possess an Ordinary degree, or equivalent, and have obtained an average mark of 50% or more across their final year taught modules. MSc applicants require an Honours degree or equivalent. The first degree should be from a related subject discipline such as engineering, maths, economics, business studies, geography, planning or social studies.

Applicants with professional experience will also be considered. Diploma students who satisfy the progression requirements will then be eligible to pursue the MSc.

International students
In addition to the above, overall IELTS score of 6.0 (or equivalent) and no less than 5.5 in any individual component.

[1] London Campus entry is only available in September.

MASTER OF BUSINESS ADMINISTRATION
(MBA)

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	MBA (full-time/part-time) 1 year/ 2 years. The distance learning option is a maximum of five years.	Lanarkshire, London, distance learning

INTAKE:	CONTACT:
Various[2]	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This internationally respected degree has been redesigned to reflect the evolving nature of business and the global challenges facing business leaders. It focuses on developing strategic analytical skills, business intuition, and enquiring and adaptive thinking. The selection of option modules offers one of five specialist areas: finance, leadership, enterprise, health service management or risk management.

This programme produces high calibre graduates who can effectively respond to unpredictable challenges in globally competitive business environments. It provides essential core business knowledge and understanding with a strong emphasis on developing the applied managerial skills vital for effective business leaders. Your communication, negotiation and facilitating skills will be nurtured and enhanced.

The MBA programme is supported by its own virtual learning environment - the MBA One World which provides access to MBA core text and allows students to study online with their peers.

The UWS MBA prepares you for leadership. It provides a rigorous grounding in the knowledge and skills necessary to operate effectively as a strategic general manager. MBA graduates may also undertake research e.g. as a Doctor of Philosophy (PhD) in a particular branch of business/management, or a taught Doctor of Business Administration (DBA).

100% OF GRADUATES IN WORK/FURTHER STUDY SIX MONTHS AFTER GRADUATING

HESA performance indicator 2015/16

ENTRY

Candidates will normally be expected to satisfy at least one of the following admission requirements:

- Have a degree awarded by an appropriate institution
- Have a postgraduate award (passed at an appropriate level)
- Have an appropriate professional qualification such as those from ACCA or CIMA
- Have passed a pre-Masters, or other foundation course
- Be a mature student with relevant work or professional experience

Applicants may also be considered with other academic, vocational or professional qualifications deemed equivalent.

International students
In addition to the above, overall IELTS score of 6.0 (or equivalent) and no less than 5.5 in any individual component.

[2] The full-time programme in Lanarkshire will commence in January and September, while the London programme has six cohorts throughout the year. The distance learning option can be started at any time.

NB: International students may be interested to note UWS work in partnership with Olympia College to deliver the MBA programme in Malaysia.

EDUCATION

100%

GRADUATES[1] IN WORK/ FURTHER STUDY 6 MONTHS AFTER GRADUATING[2]

[1] Graduates from the School of Education
[2] HESA performance indicator 2015/16

Hands-on practical experience, a rigorous academic focus, and first-rate facilities add up to a world-class learning experience, preparing you for the challenges of a career in education.

Our programmes produce motivated, energetic and talented educators in pre-school settings, primary and secondary schools, further and higher education and the wider community.

Our programmes

We offer full-time Initial Teacher Education programmes for those wishing to enter the teaching profession (PGDE Primary and Secondary); our Childhood Practice programme for aspiring lead practitioners/ managers; part-time, online Career-long Professional Learning (CPL) programmes for those already working within learning and teaching contexts; and our new qualification, MEd Early Years, aimed at those working in this area of education. We also offer professional learning for those working in Higher Education.

Professional recognition

Selected programmes are recognised or accredited by professional bodies, while others offer opportunities for membership or exemption from professional exams.

Multidisciplinary programmes

The MEd Enhanced Educational Practice (page 42), MSc Mental Health and Education (page 44), MEd in Higher Education Practice (page 43) and Postgraduate Certificate Child Protection (page 90) are multidisciplinary programmes, bringing together academic expertise from across various Schools within the University.

THE STATS

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

94% of students from the School of Education would recommend UWS – Postgraduate Taught Experience Survey 2017

91% of students from the School of Education agreed staff are enthusiastic about their teaching – Postgraduate Taught Experience Survey 2017

Professional Graduate Diploma in Education (PGDE) – Primary and Secondary

These courses are well-established, combining periods of school experience with university-based study to provide you with the formal teaching qualification necessary for provisional registration with the General Teaching Council for Scotland. We also offer the opportunity to achieve 40 credits at Masters level.

Teacher Induction Scheme

New Scottish/EU graduates (including RUK) of our PGDE courses are guaranteed a one-year induction post that enables you to complete your year's probation and achieve the standard required for full registration with the General Teaching Council for Scotland.

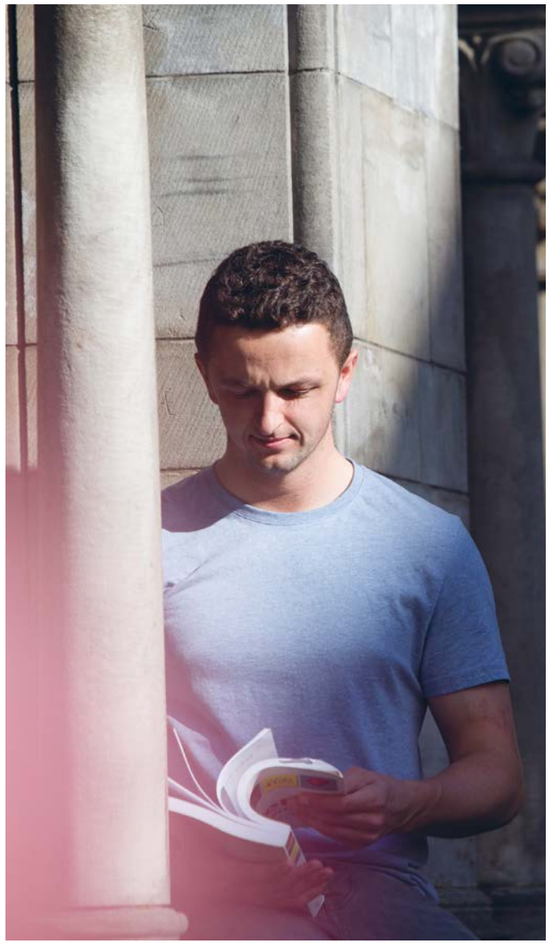
Career-long Professional Learning (CPL) options

CPL is increasingly important for those working within learning and teaching contexts. Our CPL courses are structured round a broad and diverse range of named pathways and are available on a part-time, blended, online or full-time basis[3].

First-class facilities

You'll have access to a wide range of technology to facilitate your learning. Our libraries are stocked with a vast range of specialist resources to help you in your studies, and you'll also have access to our extensive electronic library collection (including e-books and academic journals) and the virtual learning environment, Moodle.

[3] MEd Teaching of English to Speakers of Other Languages (TESOL) is available on a full-time or blended learning basis with some attendance at Paisley Campus - see page 45 for details.



Research with real-world impact

Our academics have a reputation for leading-edge research and curriculum development in the education sector. Our research informs programme development; influences policy and practice at local and national levels; contributes to wider research networks; and is published in journals across the world. Being taught by research-active staff means that you'll directly benefit from our extensive expertise and experience as part of your everyday learning.

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FINANCIAL SUPPORT

SAAS funding may be available for eligible students who apply to PGDE Primary and Secondary. For information see **saas.gov.uk**

Students may be eligible to apply to SAAS for postgraduate loan funding – see **uws.ac.uk/money** for details.

ALUMNI PROFILE

From one school to another

ALUMNI:
Tiffany Kerr

COURSE:
PGDE Primary

CURRENT ROLE:
Primary school teacher, Forehill Primary School, Ayr

"Building relationships with pupils and watching them grow and engage with learning is amazing," says primary teacher, Tiffany Kerr. "I couldn't ask for more from my career - I love it."

Her long-held desire to inspire young minds is what brought Tiffany to our School of Education. Now, as a fully-qualified primary school teacher, every day brings a new challenge. "Each lesson needs to be stimulating and engaging," she explains. "That means responding to the needs of the children, and monitoring their progress." For many, this would be a daunting prospect. But after completing her PGDE in primary education, Tiffany says she started work feeling fully prepared.

"The course covered the theoretical and practical, so I was well equipped to begin my career. The placements meant I could get hands on experience in different schools and classes, and learn strategies and resources that I still use to this day."

She says the best part about studying at UWS (apart from the on-site Starbucks) was the insight she got from her tutors. "It made such a difference to have lecturers who had been, or who still are, teachers – they could always give you honest, practical advice."

"A typical day in teaching is very hard to describe," says Tiffany. But on any given day, you're likely to find her:

Teaching and assessing literacy and numeracy, and any other subjects on the day's timetable

Planning and organising active, engaging lessons

Inspiring children to be independent, curious, creative and resilient

Responding to the children's academic, social and emotional needs, so they feel safe, nurtured and included

Managing behaviour

Building positive relationships with other staff and parents

Organising and leading extra-curricular activities

IS IT WORKING?

In summer 2016, Save the Children conducted their own research into the impact of the Families Connect programme. The results speak for themselves:

20% of pupils improved in overall academic ability

45% of pupils improved in reading ability

23% of pupils improved in maths ability

UWS helps Families Connect

How can we support parents, particularly in deprived areas, to engage more with their children's primary school, and to create a supportive learning environment in their own homes? That's one of the challenges facing educators right across Scotland.

It's a challenge that Lorna Sorbie, Associate Lecturer at the UWS School of Education, is meeting head-on, in partnership with a colleague, Jane Halliday, from Save the Children. Together, they've developed a new teaching session on parental engagement that informs students about the work of Save the Children.

Save the Children's new Families Connect programme is ideally suited for Scottish schools as it's aligned to the Scottish Government's priorities, as reflected in the National Improvement Framework.

Lorna explains, "Interacting with parents and encouraging them to become more involved with the school and their children's education is already part of the syllabus for our students. But the Families Connect programme goes much deeper. It focuses on the three key areas of social and emotional development, literacy and language development, and numeracy and mathematics."

The session on parental engagement recognises the role parents play in educating their children, and the value of creating a home environment that is conducive to learning. It aims to:

- Examine the role of parents in young children's development and education
- Understand the link between the home learning environment, parental engagement and attainment
- Recognise the benefits of strengthening relationships between and within parent groups, schools and communities
- Use findings from research and models of good practice in early years literature to inform professional values and competence
- Explore skills, techniques and tips to aid parental and community engagement

The sessions were introduced to students studying for their PGDE Primary or Graduate Diploma in Childhood Practice in June and September 2017. Lorna will be measuring the success of these early sessions through regular follow-ups with these students — the intention is that it will become a permanent fixture in future courses.

VISION SCHOOLS

Learning lessons from the Holocaust

Vision Schools Scotland is the brainchild of Dr. Paula Cowan, Reader in Education at UWS. Developed after consultation with the education sector, the programme is a partnership between UWS and the Holocaust Educational Trust. It will accredit schools that have demonstrated commitment and good practice in Holocaust education.

It began with a pilot programme in 2015 involving schools from Glasgow, South Ayrshire, East Dunbartonshire and Dundee. Three schools, Bishopbriggs Academy, Grove Academy and St Thomas' Primary School demonstrated sustainability, commitment and good practice in Holocaust education, and achieved Level 1 Vision School status in 2017.

Dr. Cowan said, "Vision Schools Scotland aims to accredit primary and secondary schools that demonstrate innovation or good practice, and sustainability in teaching the Holocaust and to promote extended professional learning in Holocaust education for Scottish teachers. Holocaust education develops young people's awareness of human rights and genocide, of stereotyping and scapegoating, of racism in general and antisemitism in particular."

One of the unique features of this programme is the peer review process, where schools that have achieved Level 2 accreditation will assess Level 1 submissions. This encourages and promotes the sharing of good practices across all participating schools, and promotes professional learning among teachers.

The programme was officially launched in June 2017, on the anniversary of Anne Frank's birth. Speaking at the event, John Swinney, Deputy First Minister for Scotland and the Cabinet Secretary for Education and Skills, said, "I was delighted to be part of the launch of the Vision Schools Programme which recognises the work of Scottish schools providing opportunities for Scotland's children and young people to learn about the Holocaust. The Scottish Government is committed to tackling all forms of discrimination and promoting a multi-faith and multi-cultural society based on mutual trust, respect and understanding."

"Teaching the Holocaust can alert pupils to the dangers of indifference, intolerance, and racism."

CHILDHOOD PRACTICE

Scottish Social Services Council

SCHOOL:	DURATION:	CAMPUS:
Education	Graduate Diploma (part-time) 2 years	Ayr [1]

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Professionally recognised by the Scottish Social Services Council (SSSC), this programme is ideally suited for employed SSSC registered practitioners who wish to become registered as lead practitioners/managers.

You will gain the skills and knowledge to deliver quality services to children and their parents in an early years setting. Your studies will include learning within childhood; leadership and management; and reflective practice and research.

You must be employed in, or have access to, an acceptable professional environment in which knowledge and understanding of childhood practice in Scotland has been developed.

You must be employed for more than 16 hours per week; have employer support and a mentor from your area of practice to support your studies.

The course consists of six modules: Reflective Planning, Leading Learning, Leadership and Management, Promoting Learning, Developing Integrated Working and Qualitative Research Methods.

The Standard for Childhood Practice aims to help strengthen leadership in the childcare and early years sector and improve career opportunities for early years and childcare professionals. Graduates will find opportunities as lead practitioners/managers within these areas.

This course is approved by the SSSC and is recognised as a lead practitioner qualification.

ENTRY

Relevant degree and practitioner qualification.

You will be required to be employed as a practitioner, normally over 16 hours per week and usually with two years' experience and practitioner registration.

A signed statement of support is required as part of the admission process.

Recognition of Prior Learning – contact the University for advice on Recognition of Prior Learning.

[1] The programme is currently offered on a part-time evening basis at Ayr Campus however we are looking at possible delivery at our Dumfries or Lanarkshire campuses. Please call our Applicant Enquiry Team on 0800 027 1000 for updates.

NB: A Masters Early Years pathway is also available as part of our Career-long Professional Learning options - see page 42.

Protecting Vulnerable Groups Scheme (PVG)
Successful applicants who gain a place on this programme are required to register on the PVG Scheme, managed and delivered by Disclosure Scotland (see **disclosurescotland.co.uk**).

CRITICAL YOUTH AND COMMUNITY STUDIES

CLD STANDARDS COUNCIL FOR SCOTLAND

SCHOOL:	DURATION:	CAMPUS:
Education	MSc 24-30 months (part-time)	Lanarkshire

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This new programme contributes to youth and community practices that promote equality, human flourishing, participation and social justice. It responds to demand for a Masters-level qualification in this distinct and growing professional area.

The MSc offers three learning pathways for qualified, non-qualified and international students and high-quality learning is supported by internationally-recognised research.

There is a practice learning component for students engaged in the postgraduate certificate route seeking a CLD Standards Council for Scotland approved qualification. This element of the programme is recognised by them as a lead practitioner qualification.

Students who are not seeking to graduate with a CLD qualification do not need to undertake the practice learning element.

Graduates of this programme will be prepared to work in a range of communities across the world in areas such as youth and community work, the voluntary sector, community activism, social enterprise, and the creative industries.

ENTRY

A first degree in a subject relevant to your professional role. Exceptions may apply in cases of participants who do not possess a first degree, but who can demonstrate, through recognition of prior or experiential learning, that they have relevant work/professional experience in a youth and community context involving critical or informal education or in managing associated disciplinary areas.

PRIMARY

gtc SCOTLAND

SCHOOL:	DURATION:	CAMPUS:
Education	Professional Graduate Diploma in Education (full-time) 9 months	Ayr, Lanarkshire

INTAKE:	CONTACT:
August	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme provides the formal teaching qualification for provisional registration with the General Teaching Council for Scotland (GTCS), giving you the skills, knowledge and experience to build a career as a primary school teacher.

Eighteen weeks of school experience placements occur in at least two primary schools/education and childcare settings within local authorities in Scotland.

You cover a wide range of subjects that feature in the primary school curriculum including English/Literacy, Health and Wellbeing, and Mathematics/Numeracy.

The programme enables you to develop core skills in planning, teaching, assessment and evaluation strategies, classroom and behaviour management, and contemporary issues in Scottish education. You can study one module at Masters level, gaining 40 credits.

Most UWS graduates remain in mainstream teaching in the UK or abroad. Others work in specialist educational areas including working with children with additional learning support needs, adult training, museums, writing and publishing, health education, curriculum development, and social services.

You receive the formal teaching qualification necessary for provisional registration with the GTCS, a requirement for entry into the guaranteed one-year Teacher Induction Scheme (see page 35).

96% OF PRIMARY STUDENTS WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

ENTRY

All applicants for PGDE courses should hold a degree that has been validated by a university in the UK or a degree of an equivalent standard from outside the UK, plus have Higher English at Grade B or above (or equivalent). Applicants must also be qualified in Mathematics at SCQF Level 5 (e.g. National 5 (Grade B), Intermediate 2 (Grade B) or Standard Grade Credit). Given the high number of applications (typically 13 for every one place on the programme), preference is initially given to candidates who currently have an Honours degree and the required qualifications in English and Mathematics.

Applicants are strongly advised to visit the Teaching in Scotland website **teachinscotland.org**

An offer of a place on this course is made on the basis of your application and successful interview.

Overseas students must meet UWS English language requirements – see page 129 for details.

Applications
Applications are made through UCAS with priority applications being submitted by or on January 15th. For further information, contact our Applicant Enquiry Team.

The UCAS application process will commence in September 2017 for entry in August 2018.

Protecting Vulnerable Groups Scheme (PVG)
Successful applicants who gain a place on this programme are required to register on the PVG Scheme, managed and delivered by Disclosure Scotland (see **disclosurescotland.co.uk**).

Financial support
PGDE programmes are funded in the same way as undergraduate programmes. You can apply to SAAS to have tuition fees paid. Eligibility conditions apply; check **saas.gov.uk** for details.

SECONDARY

gtc SCOTLAND

SCHOOL:	DURATION:	CAMPUS:
Education	Professional Graduate Diploma in Education (full-time) 9 months	Ayr

INTAKE:	CONTACT:
August	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme provides the formal teaching qualification for provisional registration with the General Teaching Council for Scotland (GTCS), preparing you for a career in secondary school teaching.

This programme is carried out in partnership with schools in which you will spend 18 weeks on placement. University-based study focuses on curriculum, methods of teaching and learning, and assessment, alongside theoretical and practical aspects of professional studies in education. You can study one module at Masters level, gaining 40 credits.

Teaching qualifications are offered in several areas. Select one or two of the following subjects, depending on qualifications: Art and Design; Biology with Science; Chemistry with Science; English; Mathematics; Modern Languages (French, German, Spanish); Physical Education; or Physics with Science.

Most UWS graduates remain in mainstream teaching in the UK or abroad. Others work with children with additional learning support needs, in adult training, educational aspects of charities, science centres, the commercial sector and public sector, and social services.

Graduates receive the formal teaching qualification necessary for provisional registration with the GTCS, a requirement for entry into the guaranteed one-year Teacher Induction Scheme (see page 35).

Protecting Vulnerable Groups Scheme (PVG)
Successful applicants who gain a place on this programme are required to register on the PVG Scheme, managed and delivered by Disclosure Scotland (see **disclosurescotland.co.uk**).

Financial support
PGDE programmes are funded in the same way as undergraduate programmes. You can apply to SAAS to have tuition fees paid. Eligibility conditions apply; check **saas.gov.uk** for details.

ENTRY

All applicants should hold a degree validated by a university in the UK or a degree of an equivalent standard from outside the UK plus have an English qualification of at least SCQF Level 6 (e.g. Higher English or ESOL) and Mathematics of at least SCQF Level 5 (e.g. National 5, Intermediate 2 or Standard Grade Credit).

The qualification must contain a minimum of 80 credit points relevant to the teaching qualification that an applicant plans to qualify for with at least 40 of the credit points studied at Level 8 or above (i.e. around two years full-time study in Higher Education).

Applicants are strongly advised to visit the Teaching in Scotland website **teachinscotland.org**

An offer of a place is made on the basis of your application and successful interview.

Overseas students must meet UWS English language requirements – see page 129 for details.

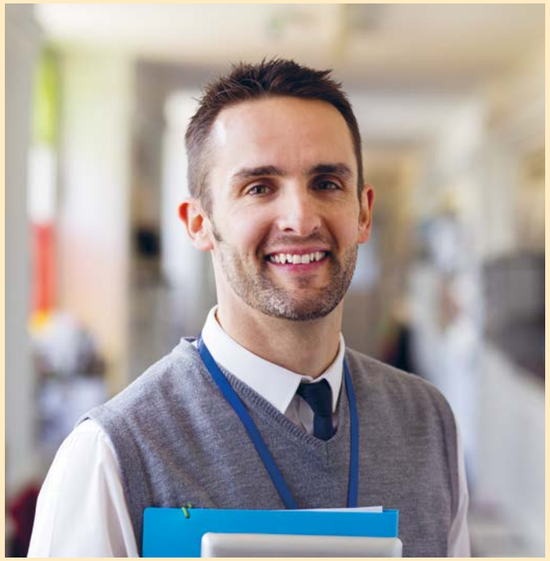
Applications
Applications are made through UCAS with priority applications being submitted by or on January 15th. For further information, contact our Applicant Enquiry Team.

The UCAS application process will commence in September 2017 for entry in August 2018.

CAREER-LONG PROFESSIONAL LEARNING (CPL) OPTIONS

SCHOOL:	DURATION:	CAMPUS:
Education	Postgraduate Certificate (variable, unless otherwise stated); Postgraduate Diploma (variable); Masters (variable)	Most CPL options are studied online[1]
INTAKE:	**CONTACT:**	
September[2]	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**



The School of Education provides an online portfolio of Career-long Professional Learning (CPL) programmes for the education workforce, to meet both current and emerging needs associated with the profession and to reflect the increasing importance attached nationally to professional learning, update and practice.

The CPL portfolio offers awards at Postgraduate Certificate, Postgraduate Diploma and Masters degree level and is mostly delivered online[1] through technology enhanced learning opportunities. There are ten named pathways, detailed from pages 41-45.

To achieve a Masters award you will need to achieve 180 credits – more info is available on our website.

Entry criteria for these programmes are detailed opposite.

ENTRY

Early Years
Applications from interested professionals will be considered on the basis of a first degree in a relevant area and normally having had two years' practical experience of working in an early learning and childcare context e.g. setting, service or school. The following are considered to be relevant areas: Early Learning and Childcare; Teaching; Psychology; Social Work; Community Learning and Development; Speech and Language Therapy; and Occupational Therapy.

Teaching of English to Speakers of Other Languages (TESOL)
Students should hold a first degree and either be practising teachers of TESOL or intend to enter the profession. IELTS 6.0 or equivalent.

Primary Physical Education
Participants will typically hold a teaching qualification in Primary Education. Applicants are required to be (or applicable to be) Registered Teachers with the General Teaching Council Scotland (GTCS).

Masters in Higher Education Practice
Applicants must satisfy the specific admission requirements for Masters programmes offered by University of the West of Scotland and should normally hold an undergraduate degree and have access to an HE (or equivalent) setting.

Applicants who have successfully completed comparable study elsewhere can apply for recognition of prior learning (RPL) to enter at Diploma or Masters level.

Inclusive Education
A teaching qualification or a first degree in a relevant area plus practical experience in the field of inclusive education. Applications from applicants without a first degree but with other relevant academic credentials and considerable practical experience in the field of inclusive education will be considered – for details, please contact the Programme Leader.

All other CPL courses
Applicants must satisfy the specific admission requirements for Masters programmes offered by University of the West of Scotland and should normally hold an undergraduate degree in a related discipline.

Exceptions may be made in the case of applicants who can demonstrate significant relevant experience together with recent academic study.

Overseas students must meet UWS English language requirements – see page 129 for details.

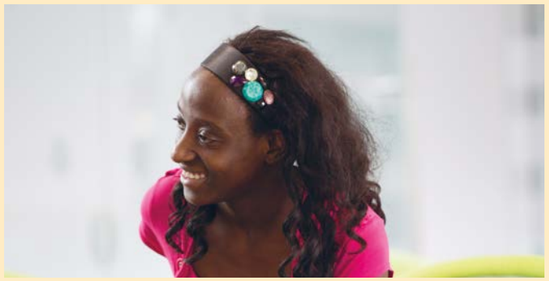
[1] Most CPL options are delivered online, except for Primary Physical Education (blended learning, with some delivery at Ayr Campus), Teaching of English to Speakers of Other Languages (blended learning with some delivery at Paisley Campus and full-time at Paisley and London campuses), and Higher Education Practice (online and blended learning, with some delivery at Paisley Campus). The MEd Artist Teacher programme is also available via blended learning.

[2] Please note alternative start dates may be negotiated with the Programme Leader, depending on your programme of study.

ARTIST TEACHER

nsead

CONTACT:
Diarmuid McAuliffe
cpl@uws.ac.uk



Professionally accredited by NSEAD, the principal subject association for art and design education in the UK, this course is designed for art teachers and others working with art and design within the 3–18 sector in Scotland and across the world.

Run in partnership with Glasgow Museums and the National Society for Education in Art and Design (NSEAD), the programme – which is delivered either online or by blended learning – will provide you with the chance for a re-evaluation of your existing art practice within a critical and supportive environment. It will equip you with the leadership skills to progress the subject of art within the context of curriculum and social change, including Curriculum for Excellence.

The Certificate phase comprises three modules: Visual Arts Practice I; Critical Contexts I; and Critical Pedagogy I.

The Diploma phase comprises three modules: Visual Arts Practice II; Critical Contexts II; and Critical Pedagogy II.

The Masters phase comprises a dissertation/exhibition in consultation with the Programme Leader.

An enhanced skills base will broaden your employment opportunities and avenues for future promotion in the UK and internationally. Displaying a diverse and evolving range of creative abilities is an attractive addition to your CV and your personal development.

COACHING AND MENTORING

CONTACT:
Linda Lafferty
cpl@uws.ac.uk

The programme is aimed at professionals from across various sector organisations (public, private and voluntary) who have responsibility for training and development and/or supporting peers and colleagues as part of their own organisational development policies.

It promotes cross-sector/interagency/inter-professional working and the development of core, transferable skills appropriate for postgraduate study at SCQF Level 11 (Masters).

Additionally, it provides an opportunity for sustained engagement with the subject; to embark on an incremental learning journey in a supportive and non-threatening environment.

Here you will explore the body of theoretical knowledge required and issues of practical implementation and management of coaching and mentoring in workplace contexts. Depending on your workplace context, this could have an immediate impact on professional practice.

The course comprises three modules – Critical Self-evaluation and Development; Situated Professional Learning; and Contextualising Coaching and Mentoring. It is likely to take approximately 18 months to complete.

Engagement with coaching and mentoring techniques is inherent within many professions and roles and participants will gain an increased awareness of their role in these areas and the skills base to enhance personal and professional practice.

EARLY YEARS

CONTACT:
Dorothy Johnson
cpl@uws.ac.uk

This new innovative, part-time programme, which is offered online through the University's virtual learning environment, Moodle, is primarily aimed at professionals working in the Early Learning and Childcare sector in its widest definition.

Current policy frameworks in this area are underpinned by the UN Convention on the Rights of the Child (1989) and in line with the current national and international priorities aim to tackle inequality through working sensitively supporting and involving families, early years intervention and improvement, literacy and pedagogy and practice. These approaches are core to this qualification.

There are three stages to the programme:

Year 1
The Postgraduate Certificate stage consists of three 20-credit SCQF Masters level modules, and can be taken as a discrete programme. All new students start with the compulsory Participation and Children's Rights module and then select two from:

- Supporting Professional Development
- Early Years Pedagogy
- Early Intervention: Policy and Practice
- Supporting and Developing Literacy

Or 20 credits of their own choice from the School of Education CPL portfolio.

Year 2
The Postgraduate Diploma also consists of three 20-credit SCQF Masters level modules and can be taken as a discrete programme. The mandatory module is Research Methods in Education and then students select two from:

- Supporting Professional Development
- Early Years Pedagogy
- Early Intervention: Policy and Practice
- Supporting and Developing Literacy

Or 20 credits of their own choice from the School of Education CPL portfolio.

Year 3
Upon successful completion of the diploma phase interested applicants can continue with the Masters phase which comprises a dissertation in consultation with the Programme Leader.

The Early Years programme equips participants with knowledge, understanding and skills that makes them well suited to pursue positions of responsibility in the areas of Early Learning and Childcare. Successful students may progress to doctoral study.

ENHANCED EDUCATIONAL PRACTICE

CONTACT:
Linda Lafferty
cpl@uws.ac.uk

The MEd Enhanced Educational Practice is aimed at those working within education and lifelong learning or working in the wider childcare, healthcare and social work sectors.

This practice-based programme is aligned with the General Teaching Council for Scotland (GTCS) Standard for Career-long Professional Learning and teachers can use modules studied as part of the programme towards their GTCS Professional Update portfolio.

Students are required to have ongoing access to opportunities within their professional context, and to reflect upon and inquire into practice during the programme, which uses practical, task-oriented material and activities. A strong emphasis is placed on research to encourage sound critical reflection.

In broadening and enhancing your understanding of important concepts, theories and debates in education, you will also reflect on your own professional practice. You will foster critical awareness of educational methodology to enable you to evaluate the methods used in educational research, and apply critical awareness within your own research.

NB: As part of a formal UWS collaborative agreement, this programme might also be available in blended delivery format; please contact the Programme Leader for further information.

The Certificate phase comprises a core module, Critical Self-evaluation and Development, and a choice of two modules relevant to your professional context from an approved list. The Diploma phase consists of a core module, Educational Research and a choice of two optional modules. The Masters phase comprises a dissertation in consultation with the Programme Leader.

Your enhanced practice and research-based skills will provide additional emphasis to your professional standing and employment opportunities in the education, healthcare and social services sectors.

HIGHER EDUCATION PRACTICE

CONTACT:
Dr Jeannie Daniels
cpl@uws.ac.uk

This new programme is designed for practitioners who work in, or have access to, a higher education (HE) or equivalent setting and who wish to further develop their skills and knowledge to gain a deeper understanding of, and actively engage with, the diverse and changing contexts of contemporary higher education. At Certificate phase, the programme embeds preparation for application to the Higher Education Academy (HEA).

Offered in both online and blended study modes, the programme provides an academic qualification in addition to professional development, using practical, task-oriented activities that participants apply to their own educational context. It addresses the broader socio-cultural and international contexts within which HE sits, as well as the professional contexts of HE practice. Internationalisation and inclusion inform all aspects of the curriculum, ensuring the programme's relevancy to those working in local, national and international higher education and related settings.

The Certificate comprises two core modules, Theory, Practice and Professional Identity, and Innovation into Practice. The Diploma phase consists of a core module, Contemporary Issues in Higher Education: global and local, and a choice of two option modules. (Those wishing to complete the Dissertation must select Educational Research as an option). The MEd phase comprises a Masters dissertation in a topic of your choice.

INCLUSIVE EDUCATION

CONTACT:
Dr Lisa McAuliffe
cpl@uws.ac.uk

This programme is aimed at teachers and other professionals teaching and/or supporting learning in mainstream schools or other inclusive educational settings.

The programme takes inclusive education to operate within the equality and human rights legislative context, aiming to remove barriers to learning and participation, and to eliminate discrimination and disadvantage for whatever reason. It equips you with knowledge, understanding and skills that make you well-suited to pursue positions of responsibility and leadership in the areas of inclusion and support for learning.

Completing any three of the modules listed will enable you to exit with the Postgraduate Certificate in Inclusive Education or proceed to the Postgraduate Diploma in Inclusive Education. Completing five of the following modules plus a module in educational research will enable you to exit with the Postgraduate Diploma in Inclusive Education or proceed to the dissertation. Completing five of the following modules, plus a module in educational research and the dissertation will give you the award of the MEd Inclusive Education.

Modules include: Autism Spectrum Disorders; Dyslexia; Inclusion and Equality; Inclusive Enquiry; Inclusive Leadership; Inclusive Practice; and Social, Emotional and Mental Health Needs.

Each module carries 20 SCQF Level 11 credits with the exception of the dissertation which carries 60 20 SCQF Level 11 credits. There is no requirement to attend 'face-to-face' sessions on this programme as it is offered online, using the UWS virtual learning environment.

NB: As part of a formal UWS collaborative agreement, this programme might also be available in blended delivery format; please contact the Programme Leader for further information.

LEADERSHIP FOR LEARNING

CONTACT:
Dr Carole Bignell
cpl@uws.ac.uk

Designed for educational professionals from a variety of contexts who are experienced practitioners, this programme will enhance your professional practice in, and understanding of, current developments in the area of Leadership for Learning.

The Certificate phase comprises three core modules: Leadership: Vision and Values; Leadership: Qualities and Skills; and Leadership: Inclusive Leadership. The Diploma phase comprises three core modules: Leading and Motivating Learning; an option module from the UWS CPL Level 11 module list; and Research Methods. Upon successful completion of the Diploma participants can progress to the MEd stage where they will undertake a dissertation on a relevant topic of choice.

There is no requirement to attend 'face-to-face' sessions on this programme as it is offered online, using the UWS virtual learning environment.

Excellent leadership skills are highly sought after by employers in numerous sectors. Showing a willingness to develop and build on existing leadership skills and to constantly seek ways to improve personal development goals are very attractive attributes in today's challenging job market.

NB: As part of a formal UWS collaborative agreement, this programme might also be available in blended delivery format; please contact the Programme Leader for further information.

MENTAL HEALTH AND EDUCATION

CONTACT:
Dr Yonah H. Matemba
cpl@uws.ac.uk

Delivered online using the UWS virtual learning environment, this programme is the first professional learning award of its kind in the UK. It focuses on the nature of mental health in learning, teaching and training/mentoring environments and explores how this might impact on learners, leaders of learning, mentors and other disciplinary groups such as psychologists, health professionals, managers and social workers.

It will equip participants to work in an environment where integration of service delivery and multi-professional practice is the expected norm. Additionally, it offers a flexible study opportunity for associated practitioners with an applied interest in both the areas of mental health and education. Practitioners working with children in schools (class teachers and pupil support staff) and those in challenging environments in roles such as youth workers, police officers, correctional officers, child protection officers and staff from the voluntary and third sectors, are welcome to study on the programme.

There are three exit points on the programme: Postgraduate Certificate (3x20 = 60 credits), Postgraduate Diploma (6x20 = 120 credits) and MSc (9x20 = 180 credits). Participants on the programme start with the compulsory module Mental Health in Education and then undertake any two modules from the following list to complete the Postgraduate Certificate: Interpersonal Relationships and Communication; Leading and Motivating Learning; Stress Management in Education; and Social, Emotional and Behavioural Difficulties. To complete the Postgraduate Diploma participants will undertake two remaining modules from the previous list, and then also complete a Research Methods module.

For the MSc phase participants will undertake a triple Dissertation module. Graduates will possess a variety of much sought after skills to build and progress their careers in this demanding yet rewarding sector.

PRIMARY PHYSICAL EDUCATION

CONTACT:
Elaine McCulloch
cpl@uws.ac.uk

This programme has been designed to help registered primary school teachers extend their knowledge, understanding and teaching skills to deliver high-quality physical education in a primary school setting.

It will support you to think critically about your knowledge, understanding and teaching skills to enhance the delivery of quality physical education; help you support the ongoing development of physical education within your primary school, local cluster or education authority; and enhance your ability to critically reflect in an informed way on your own practice in primary physical education.

You will study the following three modules: Pedagogy of Primary Physical Education, Developing Quality Physical Education and Aspects of Learning in Primary Physical Education.

Graduates will be in a position to deliver high-quality physical education in primary schools, local cluster or education authority settings.

This programme has received GTC Scotland's Professional Recognition award which aims to support teachers to engage in high-quality professional learning and recognises accomplished teaching practice. GTC Scotland accredits a professional learning programme after assessing that it meets the standards expected of the award of Professional Recognition.

TEACHING OF ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

CONTACT:
Dr Margaret Allan
cpl@uws.ac.uk

This professional qualification, offered in blended learning mode, is aimed at those who teach, or plan to teach, English to speakers of other languages within school, college or university contexts.

The programme is offered on a full-time basis to home and international students at Paisley and London campuses. It is also available to home students on a part-time basis, with some attendance at Paisley Campus. It is aimed at those who intend to work as TESOL professionals, teaching English at home or abroad.

You will gain relevant, practical teaching and English language skills as well as the confidence and citizenship skills gained from developing language learnt in situ. You will be supported, throughout, in considering the role of language in a global context and the associated benefits for citizens, nationally and internationally, as developing linguists; that is, how to enhance both your own prospects and those of your prospective students in a global context. There will be opportunities for practice-related learning for all students.

You will undertake six modules and a dissertation to gain the MEd TESOL. Compulsory modules include Introduction to Language Analysis, Theory and Practice of English Language Teaching, Research Methods, and Second Language Acquisition. You can select from a number of optional modules to complete the qualification, in addition to the MEd dissertation.

Employment opportunities for teachers who hold a first degree and a Masters in TESOL are excellent: this qualification is a requirement for many TESOL jobs within the UK and internationally. The professional skills acquired and developed during this programme are highly regarded by employers globally.

100% OF STUDENTS ON THIS PROGRAMME WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

COMPUTING

Our programmes are developed in line with industry needs with a strong practical focus. We teach tomorrow's technologies today - giving you a platform to launch or progress your career in this fast-changing industry.

Our programmes
We are one of the leading players in computing and modern IT-driven business systems. With extensive expertise in research and development, leading in next generation systems development (e.g. 5G networks), working in collaboration with universities, international companies and smaller local businesses, we offer a diverse range of career-focused, cutting edge postgraduate programmes.

Our postgraduate programmes are suitable for graduates with significant computing knowledge as well as graduates from non-computing backgrounds.

Industry links
We have a long-standing tradition and proven track record in the provision of services to industry, including knowledge and technology transfer in the form of training, consultancy and contract research.

THE STATS

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

97% of students from the School of Engineering & Computing agreed that staff are good at explaining things – Postgraduate Taught Experience Survey 2017

89% overall student satisfaction for the School of Engineering & Computing – Postgraduate Taught Experience Survey 2017

We have links with 70+ companies for input to our industrial advisory boards as well as providing project/ employment opportunities for our students; have partnerships with IBM, Qualcomm, NASA, CERN, Rolls Royce, QinetiQ and BAE Systems, as well as many local/national SMEs; and work with colleagues in universities across the world.

UWS is also the first university in Scotland to adopt both the Oracle Academy Introduction to Computer Science and Advanced Computer Science programmes. In addition, UWS is now the lead regional training centre for IBM in Scotland.

Cutting-edge facilities
We offer access to high-quality computing and state-of-the-art software systems as well as tried and tested in demand technologies such as Oracle, CIW, Adobe, CISCO, SAP and Microsoft.

Research and collaboration
We have a proven track record in knowledge and technology transfer in the form of applied research, training and consultancy. More than 65% of our research outputs were rated as world-leading and internationally excellent in the Research Excellence Framework 2014. We are proud that our research expertise informs teaching and our students are taught by academic staff who are at the forefront of their profession.

Some of our recent research and industrial collaboration successes include –

- Academics in the Artificial Intelligence, Visual Communications and Networks Research Centre (AVCN) are playing a key role in a €6.87M collaborative European project which will result in better mobile networks across Europe
- Our Institute of Creative Technologies and Applied Computing was launched in 2013 and aims to establish itself as a centre of excellence, advancing research related to creative technologies and applied computing, creating a dynamic research environment
- As a member of the Scottish Informatics and Computer Science Alliance (SICSA), we work with a number of Scottish universities whose goal is to develop and extend Scotland's position as a world leader in informatics and computer science research and education
- The Scottish Centre for Enabling Technologies (SCET) is a successful commercial unit operated from and led by the School, and we are also a key participant in the Skillset accredited UWS Creative Media Academy
- We have secured a growing number of partnerships with small and medium-sized enterprises as well as large multinational companies worldwide - we have a strategic partnership with NATS Holdings, formerly National Air Traffic Services, as part of the University's growing engagement with significant regional organisations
- We have a successful track record in attracting external income from providers within and outwith the UK; have had a continuous presence in Europe for a number of years; and are a lead partner in an EU network of excellence in computer games and the coordinator for a new EU network in Web 2.0
- We have a partnership with the Scottish Social Services Council (SSSC), working on a range of projects embracing joint research and knowledge transfer activity, as well as education and training programmes for SSSC's social service workforce

Research opportunities
We have a number of active research groups including the Institute of Creative Technologies and Applied Computing (ICTAC); Artificial Intelligence, Visual Communications and Networks Research Centre; Scottish Centre for Enabling Technologies (SCET); and Database and Knowledge Management Research Group (DKMR).

With more than 140 PhD students from all over the world, regular seminars and social events, the School provides a vibrant multidisciplinary research environment.

See our website **uws.ac.uk** for more information.

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FINANCIAL SUPPORT
Students may be eligible to apply to SAAS for postgraduate loan funding – see **uws.ac.uk/money** for details.

Smart travel trolley

UWS research is having a truly global impact, in fact if you've recently been to China's Guangzhou Airport you may have seen this first hand.

The C-Trolley, the brainchild of UWS Professor of Networks Xinheng 'Henry' Wang, uses a unique communications platform and is your own electronic guide to the airport. It scans your ticket, carries your luggage, and guides you from arrival point to departure gate.

Sound good? It gets better. This tablet-enhanced trolley will charge your phone, entertain the kids with videos or games, and allow you to book a hotel room, dinner, or onward travel.

The UWS-developed technology doesn't only help travellers, it feeds real-time user information back to the airport operators. This allows them to monitor and manage passenger movement, and tailor special in-device offers and advice to individual travellers.

Henry is currently adding extra functionality, and looking at other public arenas where the device could be used. So watch this space!

DIGITAL TECH SECTOR IN THE UK

1.64M
Jobs in the UK

x2 FASTER
Jobs created 2x faster than the non-digital sector

50%
Investment 50% higher than any other European country

technation.techcityuk.com

ALUMNI PROFILE

All systems go

ALUMNI:
Ayesha Ahmed

COURSE:
MSc Advanced Computer Systems Development

CURRENT ROLE:
Senior Software Quality Assurance Analyst at Jabs Solutions, Pakistan

MSc Advanced Computer Systems Development graduate, Ayesha, is a Senior Software Quality Assurance Analyst for a software development company in Pakistan. She's responsible for testing the organisation's web and mobile applications, and other web services.

It's the same role she did before completing the MSc, but prior to taking leave to come to university in the UK, she felt she lacked the theoretical knowledge to progress. Now, she's got her sights firmly set on a Project Manager role.

"The concepts I was taught help me greatly in what I do, because now I can relate the theoretical knowledge to my practical experience. For instance, my knowledge of software architectures helps me to understand the systems I'm testing."

She says UWS helped fuel her ambition, as well as equip her with the skills to pursue a career in her chosen field. "They organised sessions where we could meet alumni who were doing well in their respective fields – they would share their experiences with us, and give us advice. That was just one of many opportunities UWS provided to help us in our careers."

THREE TRENDS IN SOFTWARE DEVELOPMENT

AGILE DEVELOPMENT
94% of software companies now use this iterative approach to software development (figure taken from the 11th Annual State of Agile Survey).

OPEN SOURCE
Companies that release the code for their software promote faster progress – because everyone who uses the software can contribute to its development.

THE INTERNET OF THINGS
Developing systems for machine-to-machine communication is becoming increasingly important as people introduce more connected devices to their lives.

Counting coughs for smarter healthcare

COPD - chronic obstructive pulmonary disease - is a group of non-cancer lung conditions including emphysema and chronic bronchitis. About three million people in the UK have one of these conditions, and historically the west of Scotland has experienced a higher-than-average rate. Now, thanks to our pioneering work, patients can be monitored, unobtrusively and constantly, using their own phones.

A partnership between UWS, the University of Edinburgh, Chest, Heart and Stroke Scotland, and Cirrus Logic has brought together clinicians, software developers and specialists in signal processing, machine learning and artificial intelligence to work on a range of healthcare applications. One of the first projects is Smartcough - an app which applies robust signal processing to monitor respiratory symptoms.

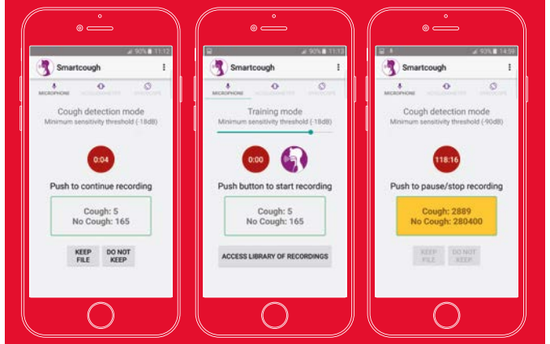
It recognises and counts coughs via smartphone, dispensing with the need for specialist clinical equipment and allowing patients to get on with day-to-day living.

The project, which received funding from the Digital Health & Care Institute (DHI) Scotland, sees UWS academics working with the Institute of Population Health Science at the University of Edinburgh, and multi-national industry partner Cirrus Logic.

MORE INFO
Watch Pablo Casaseca, Senior Lecturer in Signal and Image Processing at UWS, discuss his research project "SMARTCOUGH" at DEMOfest15, held in Edinburgh – **bit.ly/2twlsnP**

SMARTCOUGH APP

How the app works



Works by identifying and detecting cough severity

Runs during the user's day as a background app

Smartcough has both clinical and commercial potential

On the radar

A new partnership between UWS and the National Air Traffic Service (NATS) at Prestwick is moving the air traffic industry forward – and supporting UWS students who want to work in it.

Why NATS?
NATS tackles some of the most complex projects in the industry, in the busiest airspaces in the world. Their Air Traffic Control Centre at Prestwick makes sure 800,000 aircraft pass safely and efficiently through Scottish, English and Northern Irish airspace, and across the north Atlantic every year.

Research
The partnership will deepen existing links between the University and NATS Prestwick and see UWS and the Ayrshire-based company working on a range of projects embracing joint research and knowledge transfer activity, as well as collaborative education and training programmes.

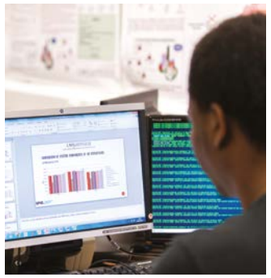
UWS research is identifying ways to improve the safety and efficiency of air traffic systems even further. UWS facilities will also be used in the delivery of NATS drone training.

ADVANCED COMPUTER SYSTEMS DEVELOPMENT

BCS Educational Affiliate

SCHOOL:	DURATION:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Paisley	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**



This programme has been designed for graduates who wish to upgrade and enhance their software development and system integration skills with new technologies and trends.

The programme has been designed with industry in mind and integrates the latest developments in computer systems analysis, design, implementation, integration and management on different devices. It has a strong focus on hands-on skills required by industry.

This MSc is recognised by the British Computer Society (BCS) as partially meeting the educational requirement for chartered IT professional recognition.

Your core modules include Ethics for the IT Professional, Managing Projects and Security, Research Design and Methods and Service-Oriented Development. These provide the underpinning knowledge which enables you to identify the needs of a client, analyse those needs, plan and develop a working solution. You will then go on to specialise by selecting modules from advanced topics of your choice from a wide list of options. You will undertake an individual Masters project which allows you to carry out a substantive work based project on a topic of your interest either in the University or, where possible, in a company.

You are able to learn software development and system integration skills using different technologies that include UML, Service Oriented Architecture (SOA), Oracle, IBM Websphere, MS BizTalk, Java Multi-Platform and Android SDK. The course enables you to analyse a client's needs and provide IT solutions for small or large and complex systems on different devices.

You will be able to apply for a job as a software engineer, software architect, software development manager, database developer, database administrator, website manager, software quality assurance analyst, IT consultant, academic researcher, etc.

ENTRY

A second-class Honours degree in Computing, IT or relevant subject, or equivalent professional experience and/or qualifications.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

100% OVERALL STUDENT SATISFACTION WITH TEACHING AND LEARNING ON THIS COURSE

Postgraduate Taught Experience Survey 2017

ADVANCED COMPUTING

SCHOOL:	DURATION:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Paisley	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme is designed to help students to develop practical skills. It will enable you to develop a comprehensive understanding of advanced computing technologies within industry and acquire hands-on experience.

Common modules will focus on planning, analysing, developing, evaluating, deploying, and managing advanced computing systems and services for modern day organisations and businesses.

The modules that you will study include Mobile Networks and Smartphone Applications and Data Mining and Visualisation. The Ethics for IT Professionals and Object Oriented Analysis & Design modules provide the basics for Big Data and Internet of Things (IoT) streams. You will undertake an individual project as part of your MSc on a topic of your choice based on your interest either in the University or, where possible, in a company.

Teaching is through a mixture of lectures and hands-on practical laboratory sessions in purpose-built laboratories. You will be assessed using a variety of methods which include examination, coursework, practical reports and dissertation.

As a graduate from this programme you could expect to find roles as a data analyst, technical developer or project manager in a wide range of industries that include media, retail, the financial sector and manufacturing.

ENTRY

A second-class Honours degree in a computing or engineering subject, or equivalent professional experience and/or qualifications.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

NB: A limited number of scholarships are available for 2017/18 – check our website for further information.

BIG DATA

SCHOOL:	DURATION:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Paisley	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Data is the driving force in organisations and business decisions. The widespread use of digital technology has resulted in large volumes of data being generated daily. An organisation's ability to contextualise the data and identify trends allows it to respond promptly and capitalise on opportunities or plan for disruptive trends to its business model. This has resulted in a growing demand for data analyst roles within organisations.

This practically oriented course is designed to provide a comprehensive understanding of data and to develop your practical skills by providing hands-on experience of big data technologies. You will be taught by experienced staff who are leading major international projects in this area. You will learn how to analyse, plan, develop, evaluate, deploy, and manage big data systems/services for organisations and businesses across mobile and fixed devices.

The modules that you will study include: Advanced Data Science, Data Mining and Visualisation, Object Oriented Analysis & Design, Research Design and Methods, Emerging Topics in Smart Networks, Mobile Networks and Smartphone Applications and, Intelligent Systems. You will undertake an individual project as part of your MSc on a topic of your choice based on your interest either in the University or, where possible, in a company.

Teaching is through a mixture of lectures and hands-on practical laboratory sessions in purpose-built labs with a cloud platform and advanced wireless/mobile/IoT networking testbed. You will be assessed using a variety of methods which include examination, coursework, practical reports and dissertation.

As a graduate from this programme you could expect to find roles as a data analyst, technical developer or project manager in a wide range of industries that include media, retail, the financial sector and manufacturing.

ENTRY

A second-class Honours degree in a computing or engineering subject, or equivalent professional experience and/or qualifications.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

NB: A limited number of scholarships are available for 2018 – check our website for further information.

CYBER SECURITY[1]

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	MSc (full-time/ part-time) 1 year/ 3 years	Lanarkshire
INTAKE:	**CONTACT:**	
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

This highly-specialist programme is designed for graduates who want to gain knowledge and skills in advanced topics in data and network security to combat 21st century cyber threats. It focuses on developing your practical and hands-on skills to pursue a career in the growing market of cyber security.

Taught in our purpose built laboratories, the modules that you will take cover computer systems and network security, cyber attacks and defence, intrusion detection and prevention, data security, and network monitoring. These are built on a strong foundation of knowledge in computer networks, both wired and wireless, using industry standard systems. You will undertake an individual project as part of your Masters degree which allows you to carry out a substantive work based project on a topic of your interest either in the University or, where possible, in a company.

Teaching is through a mixture of lectures, tutorials and hands-on laboratory sessions. You will be assessed using a variety of methods which include examination, coursework and dissertation. These ensure that you have gained the core skills, hands-on experience and soft skills that are required by industry.

The market size of global cyber security is growing rapidly. Upon graduating you can expect to find roles such as system administrators and managers, network designers, cyber security consultant, cloud computing architect, data centre manager, and data security analyst.

ENTRY

An Honours degree (2.2 or above) in Computer Science, Computing or Computer Networking (or closely related disciplines such as Telecommunications) or equivalent professional experience and/or qualifications.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

[1] Subject to validation

E-HEALTH

SCHOOL:	DURATION[1]:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Paisley	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

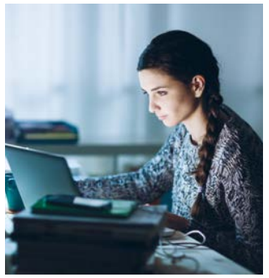
Detailed course content available at **uws.ac.uk/pg**

Smart technology is seen as the main solution to reduce the cost of healthcare in developed countries and to widen access to healthcare in the developing world. In addition, smart assistive technology is envisaged to be the key solution to the ageing population.

In this unique programme, you will learn the skills necessary to harness the power of sensors, mobile and wireless networks to provide solutions within the healthcare sector. You will focus on planning, analysing, developing, evaluating, deploying, and managing e-Health systems/services for a small localised organisation to a large geographically distributed organisation. The wide range of options available to you will enable you to enhance your skills and knowledge in an area of your choice from data mining and visualisation to mobile network and smartphone applications development for healthcare.

Modules you will study include: Introduction to e-Health, Mobile Networks and Smartphone Applications, Data Mining and Visualisation, Ethics for IT Professionals, Object-oriented Analysis and Design and, e-Health and Healthcare Systems. You will also undertake an individual project (dissertation) as part of your MSc based on a topic of your interest either in the University, in the research group or, where possible, in a company.

Teaching is through a mixture of lectures and hands-on practical laboratory sessions in the smart networking labs with a cloud platform and advanced wireless/mobile/IoT networking testbed for simulation and emulation of complex systems. You will be assessed using a variety of methods which include examination, coursework, practical reports and dissertation.



As a graduate from this programme you will be equipped to work in the health sector and a variety of other industries in roles such as data analyst, cloud architect, wireless sensor network consultant or analyst and mobile app developer.

ENTRY

A second-class Honours degree in networking, computer science, or a closely related discipline or equivalent professional experience and/or qualifications.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

[1] Time-out for an internship and SAP certification may be available on a case by case basis after the diploma requirements have been completed.

NB: A limited number of scholarships are available for 2018 – check our website for further information.

INFORMATION AND NETWORK SECURITY

SCHOOL:	DURATION:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Paisley	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

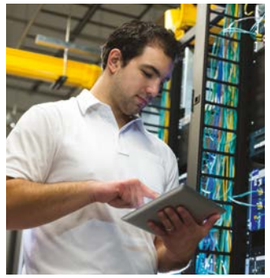
Detailed course content available at **uws.ac.uk/pg**

This highly-specialist programme is designed to teach advanced security aspects of information and networks to combat 21st century cyber threats. It focuses on developing your practical and hands-on skills underpinned by theoretical knowledge for you to pursue a career in the growing market of cyber security. It gives you the technical skills and state-of-the-art knowledge to secure digital resources and network infrastructure of organisations ranging from small to large enterprises. You will learn how to analyse, plan, develop, evaluate, deploy, and manage networks and services across multiple platforms.

Delivered by cyber security experts and researchers, the programme modules cover cyber attack and defence, data and network security, next generation networking technologies, virtual networks and cloud computing. Your learning also encompasses information security management policies, best practices and ethical issues for information technology professionals. You will undertake an individual project which allows you to carry out a substantive work based project on a topic of your interest either in the University or, where possible, in a company.

Teaching is through a mixture of lectures, tutorials and hands-on laboratory sessions. You will be assessed using a variety of methods which include examination, coursework and dissertation. These ensure that you have gained the core skills and hands-on experience, including working in a team, which are required by industry.

The market size of global cyber security is growing rapidly. Upon graduating you can expect to find roles as a system administrator/manager, network designer, cyber security consultant, cloud computing architect, Internet-of-Things security expect, data centre manager, or data security analyst.



ENTRY

Honours degree (2.2 or above) in Computer Science, Computing or Computer Networking (or closely related disciplines such as Telecommunications) or equivalent professional experience and/or qualifications.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

NB: A limited number of scholarships are available for 2018 – check our website for further information.

INFORMATION TECHNOLOGY

bcs Educational Affiliate

SCHOOL:	DURATION[2]:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Paisley, distance learning	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme is accredited by the British Computer Society[3] and is designed primarily for students with a degree in a non-computing subject area who wish to develop much sought-after business-relevant IT knowledge and skills.

This programme will help you to become a modern IT professional who can design, deploy and utilise business-relevant IT-based systems and services. You will enhance, considerably, your understanding of modern IT-based business systems and learn how to address related development, acquisition and deployment issues in modern organisations.

The modules you will study include: Database Design, Business Computer Networks, Object-Oriented Analysis and Design, and Ethics for the IT Professional. You will then specialise by selecting optional modules from an extensive list which allows you to choose between technical specialisation and business-oriented specialisation. You will also undertake an individual Masters project which allows you to carry out a substantive work based project on a topic of your interest either in the University or, where possible, in a company.

Teaching is through a mixture of lectures, tutorials and hands-on laboratory sessions. You will be assessed using a variety of methods which include examination, coursework and dissertation. These ensure that you have gained the core skills and hands-on experience, including working in a team, which are required by industry.

Upon completion, you can seek a job as an IT Consultant, IT Systems Developer, e-Business Specialist, Database Developer, or Database Analyst. Our graduates enjoy careers at companies such as Aggreko, IBM, CAP-Gemini, Amazon, Atos, Adobe Systems, HP, Dell, NHS, Clydesdale Bank, and various SMEs.

ENTRY

An Honours degree from any area other than IT or computing, or equivalent professional experience and/or qualifications.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

[2] Time-out for an internship and SAP certification may be available on a case by case basis after the diploma requirements have been completed.

[3] Please note that this applies to students who study at Paisley Campus only.

100% OVERALL STUDENT SATISFACTION

Postgraduate Taught Experience Survey 2017

100% OF INFORMATION TECHNOLOGY STUDENTS WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

INTERNET OF THINGS

SCHOOL:	DURATION[4]:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Paisley	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme teaches advanced topics in the Internet-of-Things (IoT) to students who wish to play key roles in this emerging technology. IoT is envisaged to transform how we live and interact with our environment, how machines interact with other machines/humans and how services/systems adapt to human needs as we age. It is designed to develop your practical skills by providing hands-on experience of IoT technologies within industry.

You will focus on analysing, planning, developing, deploying, evaluating, and managing IoT systems applications in a wide range of industrial sectors. You will also be taught overarching themes of IoT and data acquisition using sensors and how to implement ethical practices within a professional environment. The latter is particularly important as the application of IoT in the health sector is seen as an effective way of delivering healthcare.

The modules that you will study include Mobile Networks and Smartphone Applications, Emerging Topics in Smart Networks, Advanced Data Science, Data Mining and Visualisation, Object Oriented Analysis & Design and, Ethics for IT Professionals. You will undertake an individual project as part of your MSc on a topic of your choice.

Teaching is through a mixture of lectures and hands-on practical laboratory sessions in a purpose-built lab with a cloud platform and advanced wireless/mobile/IoT networking testbed. You will be assessed using a variety of methods which include examination, coursework, practical reports and dissertation.

Graduates will be able to fill roles such as technical developer, project manager in IoT, technical manager, etc. You will be able to work in the healthcare sector, in the logistics industry, and with online retailers. You will also be able take up roles as a consultant or developer in smart city/homes/factory projects.

ENTRY

A second-class Honours degree in a computing or engineering subject, or equivalent professional experience and/or qualifications.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

[4] Time-out for an internship and SAP certification may be available on a case by case basis after the diploma requirements have been completed.

MOBILE WEB DEVELOPMENT

SCHOOL:	DURATION[1]:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Paisley	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme is designed to meet the demands of the increasing use of mobile devices to provide applications and services to users and enterprises.

It is a practically-focused programme and you will spend a large proportion of class time in the computing laboratories engaging with the appropriate tools and acquiring practical knowledge. You will learn how to develop applications for mobile devices and software that adapt to various platforms on which they run, especially on smartphones.

The core modules you will study include: Web Development, Interactive Design for Smart Devices, Object Orientated Analysis and Design, Computing for the Mobile Web, Security for the Mobile Web and Research Design and Methods.

Teaching is through a mixture of lectures, tutorials and hands-on laboratory sessions. Active learning is promoted through practical assignments. You will be assessed using a variety of methods which include examination, coursework and dissertation. These ensure that you have gained the core skills and hands-on experience, including working in a team, which are required by industry.

As a graduate from this programme you will have excellent career opportunities as a mobile web developer in the media, finance and retail industries, in software/technology companies that develop and maintain mobile application ecosystems or as IT consultants offering your expertise to the broader market.

100% OVERALL STUDENT SATISFACTION

Postgraduate Taught Experience Survey 2017

ENTRY

A second-class Honours degree in a science, computing, engineering or technology subject, or a closely related discipline, or equivalent professional experience and/or qualifications.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

[1] Time-out for an internship and SAP certification may be available on a case by case basis after the diploma requirements have been completed.

NB: A limited number of scholarships are available for 2018 – check our website for further information.

100% OF MOBILE WEB DEVELOPMENT STUDENTS WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

SMART NETWORKS

SCHOOL:	DURATION[2]:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Paisley	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This course is practically oriented and you will be taught in a purposely-built specialised smart networking laboratory. You will focus on the current and future smart networked technologies that are driving current and future industries with applications from smart homes to self-driving cars. Our lecturers on this programme are leading ongoing €15 million European Union Horizon 2020 5G-PPP projects SELFNET and SLICENET on 5G network design and development. You will benefit from their knowledge and expertise of developing systems planned for launch in 2020.

The modules that you will study include Virtual Networking and Cloud Computing, Mobile Networks and Smartphone Applications, Advanced Wireless Networking Technologies, Internet of Things (IoT) and Applications, and Data and Network Security as well as Research Design and Methods. You will undertake an individual project which allows you to carry out a substantive work based project on a topic of your interest either in the University, in the research group or, where possible, in a company. You will be equipped with the knowledge and skills to develop and manage machine-to-machine communications and control, taking into account network and data security.

Teaching is through a mixture of lectures and hands-on practical laboratory sessions in purpose-built smart networking labs with a cloud platform and advanced wireless/mobile/IoT networking testbed for simulation/emulation of complex systems.

You will be assessed using a variety of methods which include examination, coursework, practical reports and dissertation.

As a graduate from this programme you will be equipped to work in a variety of industries as a smart network specialist on applications ranging from smarter homes/offices/cities and industrial automation to autonomous systems such as self-driving cars. You can also expect to find roles as a cloud architect, wireless/mobile network consultant or analyst and mobile app developer.

ENTRY

A second-class Honours degree in networking, computer science, or a closely related discipline or equivalent professional experience and/or qualifications.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

[2] Time-out for an internship and SAP certification may be available on a case by case basis after the diploma requirements have been completed.

NB: A limited number of scholarships are available for 2018 – check our website for further information.

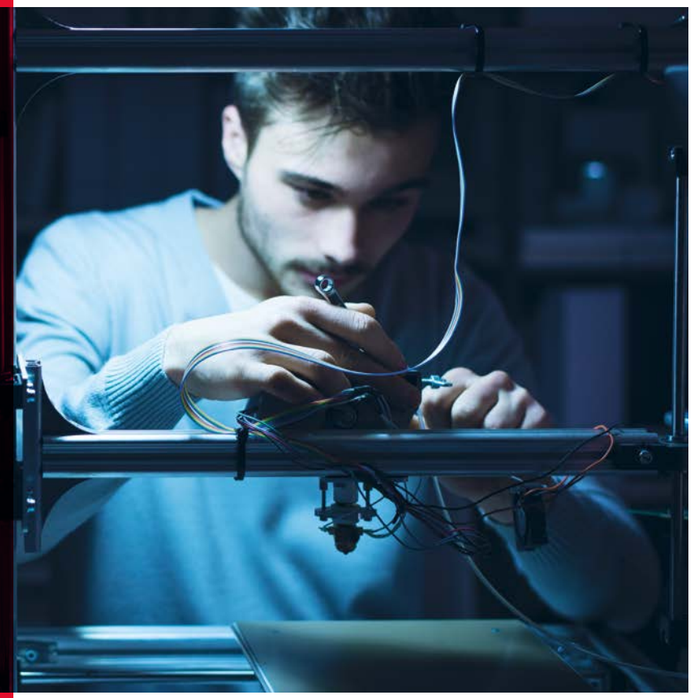
"THE ONLY PLACE WHERE SUCCESS COMES BEFORE WORK IS IN THE DICTIONARY."

ENGINEERING

94%

OF STUDENTS FROM THE SCHOOL OF ENGINEERING & COMPUTING WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017



With over 100 years of experience in training engineers, we offer vocationally-relevant programmes. Postgraduate study is supported by industry-standard facilities and strong links with industry, professional bodies and other institutions.

Professionally-relevant programmes
Our programmes are designed to take into account and anticipate industry needs; they are supported by excellent on-campus facilities; and are strongly aligned to industry, professional bodies and other institutions. UWS engineering graduates are to be found in leading positions in many prominent companies such as GlaxoSmithKline, British Airways, Scottish Water, Johnson Matthey, Barr Construction, AstraZeneca, Doosan Babcock, BAE Systems, Ciba Specialty Chemicals, Roche Products Ltd, IBM, BP Oils Ltd, Balfour Beatty, Bovis Lend Lease, Glasgow City Council, Network Rail, Scottish Natural Heritage and Quintiles (Scotland) Ltd.

Industry-standard facilities
Our recently upgraded facilities will ensure you're equipped to deal with the requirements of industry:

- Recent investment in new laboratories for engineering and physics will further enhance our reputation for applied interdisciplinary research

THE STATS

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

97% of students from the School of Engineering & Computing agreed that staff are good at explaining things – Postgraduate Taught Experience Survey 2017

89% overall student satisfaction for the School of Engineering & Computing - Postgraduate Taught Experience Survey 2017

- Paisley Campus – fully equipped manufacturing workshop; materials testing and analysis facilities; metrology laboratory; rapid prototyping centre; and assembly and welding laboratories
- Significant investment in facilities for thin film technologies, micro-scale sensors and nuclear physics research
- Both Lanarkshire and Paisley campuses have modern, dedicated IT facilities utilising a range of industrial applications software such as PRO/Engineer, Ansys, Fluent, WITNESS and MS Project

Engineering at UWS
At UWS, programme development is underpinned by purposeful research, with major national and international collaborations, ensuring our students benefit from current academic expertise and graduate with sector-relevant knowledge.

Research opportunities
With more than 140 PhD students from all over the world, regular seminars and social events, the School provides a vibrant multi-disciplinary research environment.

See our website **uws.ac.uk** for more information.

Research and collaboration
Vibrant collaboration with external partners plays an important role in our ongoing success and allows significant investment in the latest facilities, including thin film technology, product design and prototyping, machining and testing laboratories. The University is recognised internationally for its work across many engineering areas, including energy technologies; nanotechnology; advanced concrete technology; heritage masonry; and the civil, chemical and mechanical engineering subject areas. In physics, there are successful research groups in experimental nuclear physics, thin film electronic, photonic materials and micro-scale sensors.

Industrial research and development facilities, as well as continuing professional development and learning, are clustered within the following fast-growing groups: Construction Innovation and Built Environment Resilience; Institute of Engineering and Energy Technologies; Institute of Thin Films Sensors and Imaging; and Nuclear Physics.

Recent international successes include:

- UWS academics were recently part of one of the biggest scientific discoveries of all time – confirming Einstein's prediction of gravitational waves (see page 20 for more info)
- Research has shown that it is possible to grow new bone by 'nano-kicking' stem cells 1,000 times per second using high frequency vibrations – a new technique which may lead to new therapies for orthopaedic conditions such as spinal traumas, osteoporosis and stress fractures
- Collaboration in a £3.47M research project funded by the European Commission, developing innovative nanotechnology-based materials to protect historic buildings
- Funded by Innovate UK, we are collaborating with industry to produce a prototype, web-based digital ecosystem that will streamline data collected throughout the lifecycle of a building from all those involved in its design, construction, operation and maintenance
- A ground-breaking, joint venture with industry that has established an independent Centre for Engineering Education & Development to champion excellence in engineering - one of the most successful industry-academia education joint ventures
- We have developed a number of highly innovative Knowledge Transfer Partnerships in the engineering sector to help develop companies and assist in their prototyping and development
- UWS is one of the key academic partners in the £7.5M Scottish Government funded Construction Scotland Innovation Centre
- We are working with a range of partners globally to significantly increase international collaboration and achieve global impact

Project/Quality Management
The University's School of Science & Sport offer programmes in Project Management (page 104), Project Management (International) (page 104), Quality Management (page 105) and Quality Management (International) (page 105) which may be of interest to those with an Engineering background – see programme entries for details.

SECTION CONTENTS

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FINANCIAL SUPPORT

Students may be eligible to apply to SAAS for postgraduate loan funding – see **uws.ac.uk/money** for details.

ALUMNI PROFILE

Water Boy

ALUMNI:
David Hodgson

COURSE:
MSc Civil Engineering

CURRENT ROLE:
PhD at Heriot Watt, *Making Better Decisions: Sustainable Flood Planning & Adaptation in the Context of a Changing Climate*

Climate change has increased the frequency of extreme weather events and flooding around the world – the UK included. This poses a challenge for all of us, but especially for MSc Civil Engineering graduate, David Hodgson.

David's building a career looking at how we can better protect our housing and infrastructure from the effects of climate change. He's about to head into a PhD to explore this subject further, but says his MSc in Civil Engineering was what set the course of his career.

The University's emphasis on the needs of industry meant David got to experience real projects and problems while he studied.

He also worked throughout his MSc – from testing the quality of the asphalt being laid in one of Scotland's biggest ever motorway improvement projects, to helping design a stormwater system for a chromium-contaminated site.

"The staff at UWS really bend over backwards to help you learn," says David, who chose to specialise in hydraulics under the guidance of his tutors. His dissertation on water flow under bridges sparked an interest in flood risk, and he's focused his career ambitions from there.

"I was lucky enough to win a scholarship for my PhD," says David, adding, "That just goes to show the quality of the MSc Civil Engineering programme at UWS."

SOME OF DAVID'S PROJECTS

Worked on the £500m M8 and M74 motorway improvements project, helping reduce journey times by up to 18 minutes

Was involved in designing the drainage system for a chromium-contaminated car park site at the Red Tree Business Park, Shawfield

Laser focus

UWS is helping unlock the energy of tomorrow. And you could play a part.

The Institute of Thin Films, Sensors and Imaging at UWS is working with the Laboratory for Laser Energetics (LLE) at the University of Rochester, New York. The aim? To refine the lasers used in America's biggest nuclear fusion programme – and create a sustainable source of clean, cheap energy for the entire world.

The hot topic

Thin films play a critical role in the fusion process – they define the behaviour of the lasers used to pump energy into the atoms involved.

Traditionally, these films would be deposited using heat – temperatures of up to 300°C to be precise. But the optics at Rochester are huge. Up to 2m in diameter huge. At this scale, temperatures are hard to control, and films can't be deposited uniformly enough to be stable.

The team at the Institute of Thin Films, Sensors and Imaging has found a way around the difficulties in controlling temperature. In fact, the solution makes it possible to deposit dense, stable thin films at room temperature – removing the need to involve heat at all.

Plasma processing

In simplest terms, the method involves bombarding a material with ions extracted from a plasma. This replicates the effects of heat.

Professor Des Gibson, Director of the Institute, explains, "We've modelled and engineered a plasma source that gives unprecedented control over the deposition process – and allows us to create thinner, more stable films across larger areas than ever."

Research-led teaching

"This project is just one indicator of the strength of material science knowledge at UWS," he adds. "As a student here, you'll be taught principles that some physicists don't even know about, and get to work directly with the scientists leading thought-defining projects."

One thing is proven: it's an exciting time to be a physicist at UWS.

The next step forward

We're building on knowledge that's been gained over decades of discovery:

1920s
Arthur Eddington proposes that stars' energy is the result of small nuclei fusing together (based on Einstein's special-relativity equation).

1930s
Hans Bethe explains how nuclear fusion in stars works (work that earns him a Nobel Prize in 1969).

1950s
The giant Zero Energy Thermonuclear Assembly (ZETA) device is constructed. Results appear to show that the machine has achieved basic fusion temperatures.

1980s
The world's largest operational magnetic confinement plasma physics experiment, the Joint European Torus (JET), successfully produces plasmas.

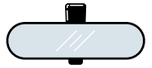
A CAR FOR WOMEN
Dorothée Pullinger designed the Galloway for women to drive, and included several innovations that have lasted to this day.

www.bbc.co.uk/news/uk-scotland-35414177

The Galloway was lighter and smaller

The seat was raised, the dashboard lowered, and the steering wheel was smaller

The car won the Scottish Six Day trials in 1924, but only 4,000 vehicles were ever made



It was one of the first cars to introduce a rear-view mirror

A car for women, a career for all

Dorothée Pullinger (back row, third from left) with her football team of female Vickers' munition workers. Photo ©*CSG CIC Glasgow Museums and Libraries Collection: The Mitchell Library, Special Collections.*

Motor racing medal won by Dorothée Pullinger in 1922

A new multi-disciplinary collaboration uncovers the hidden histories of women in engineering.

Dorothée Pullinger's engineering career was remarkable. She supervised the manufacture of high explosive shells during the First World War. Then she became director of Galloway Motors, a factory near Kirkcudbright in Galloway staffed almost entirely by women. Together, they made the Galloway, 'a car for ladies made by others of their sex'.

A new cross-school project, 'A Car for Women and Other Stories', explores Dorothée's contribution to engineering in Scotland, starting with a short film. It's a multidisciplinary collaboration between the School of Engineering & Computing and the School of Media, Culture & Society. Bringing together engineers and filmmakers, cultural theorists, physicists and artists, the project is designed to inspire the next generation of women to pursue careers in engineering.

Lewis Martin, Dorothee Pullinger's son with his Galloway coupe car in Guernsey, 2017. Photo *Neil Johnson-Symington*

Funding from a Royal Academy of Engineering Ingenious award got the project started – and the three-year joint venture will continue with help from the UWS Vice Principal's Research Fund, led by Professors Katherine Kirk and Katarzyna Kosmala.

"We're trying to challenge the stereotypes that women are exposed to, the idea that women aren't successful engineers or inspiring leaders in their professions, by creating exemplars and role models," says Professor Kosmala, from the School of Media, Culture & Society. "Dorothée's story is unusual. She was a really driven person – her determination helped her to break through glass ceilings."

For Professor Kirk, it's about challenging how women are traditionally portrayed in engineering and science, by finding ways to tell their stories.

UWS Masters students in Songwriting and in Creative Media Practice have already been inspired by Dorothée's story. The best examples of their recorded works were showcased at the Centre for Contemporary Arts in Glasgow in November 2017.

Directed by Tony Grace, a filmmaker at UWS, the film will use archive material and interviews with family members and engineers to explore Pullinger's working life. It will be used by schools and museums across Scotland, starting with Glasgow's Riverside Museum, which has a particularly fine example of the Galloway car on display.

ADVANCED THIN FILM TECHNOLOGIES

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	MSc 12 months/ 24 months (full-time/part-time)	Paisley
INTAKE: September	**CONTACT:** Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

This programme is ideal for engineering or science graduates planning a career in research, development, production and/or business involving thin film technologies and for the continuing personal development of current industry professionals.

The programme provides you with up-to-date coverage of evolving thin film technologies and latest developments in the field. It will enable you to develop the multi-disciplinary skills needed for professional development within this rapidly expanding area and forms the basis for future professional chartered engineer and/or physicist status.

The core topics you will cover include thin film materials science, metrology and characterisation, theoretical modelling, physical and chemical-based thin film deposition methods including deposition system engineering and control, plasma processing, thin film devices and applications, and research and project management. You will also undertake an individual project as part of your MSc based on a topic of your choice.

Teaching is through a combination of lectures, tutorials and practical laboratory classes. Assessment is principally by coursework, laboratory reports and examinations. Students will also be expected to present their work to staff and industrial visitors.

Graduates are equipped for a career in research, development, manufacturing and/or business, with global opportunities for employment. Most organisations that implement thin film based technologies employ fully trained, qualified technologists, consultants and technical marketing specialists throughout their lifecycle, with a consequent high global demand for such personnel across a wide range of applications, products and markets.

ENTRY

A second-class upper Honours degree in an engineering or science-based discipline such as physics, chemistry, electronics or related technology, or equivalent professional experience and/or qualifications. Candidates who do not meet these requirements but have degrees in science or engineering and two years relevant professional or industrial experience, will be considered.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

CHEMICAL ENGINEERING

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	MSc 12 months/ 24 months (full-time/part-time)	Paisley
INTAKE: September	**CONTACT:** Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

Our Chemical Engineering programme prepares prospective graduates for a wide range of roles in many industries that include pharmaceuticals, food and drinks, fine chemicals, clean energy, environmental waste management, oil and gas, petrochemicals, cosmetics, materials, agrochemicals, the nuclear industry, and the traditional chemical industries. The skills gained could also be used in other fields such as finance, insurance and government regulatory bodies such as those dealing with the environment, health and safety.

This programme will advance your knowledge in the fields of chemical and process engineering and upgrade your technical abilities to enable you to perform in modern chemical and process industries. The contents will enable you to develop interpersonal and transferable skills at a level that a Chemical/Process Engineer would be expected to have to function in an advanced engineering business environment as senior engineer or manager. The programme is ideal for any chemical engineer holding a Bachelors degree that requires further learning to qualify for Chartered Engineer registration.

The modules that you will study include Process Design and Safety, Multiphase and Biochemical Reactors Design, Advanced Fluid Mechanics and CFD, Advanced Heat Transfer, Renewable Energy and Energy Storage Systems and Separation Processes. You will also undertake an individual project as part of your MSc based on a topic related to your future interests among the offerings made.

Teaching is through a combination of lectures, tutorials, practical laboratories, case studies and specialist guest lectures, as well as student centred activities. Assessment is principally by coursework assignments, design problems and examinations.

As a graduate you will be able to apply for professional employment positions in industries that include pharmaceuticals, food and drink, oil and gas, petrochemicals and fine chemicals. Our Chemical Engineering graduates have found employment with companies such as GlaxoSmithKline, Sellafield Ltd, Doosan Babcock and Atkins Global.

ENTRY

A second-class Honours degree or equivalent in chemical engineering or a closely related area. Applicants with other qualifications with appropriate professional or industrial experience will also be considered.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

CIVIL ENGINEERING

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	MSc 12 months/ 24 months (full-time/part-time)	Paisley
INTAKE: September	**CONTACT:** Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

The civil engineering sector is evolving with projects that challenge the knowledge and skills of civil engineers whether it is constructing high rise buildings or building underground railway networks.

This technical programme will provide you with the advanced knowledge that will allow you to work on challenging projects in areas that include design, construction, water resource management and sustainability. It also provides the knowledge and skills required for responsible positions within consulting and contracting organisations. It is also suitable for engineers who require additional learning to obtain chartered engineer (CEng) status.

The uniqueness of this programme is the industrial input to the overall delivery of the modules, in particular Scheme Design and Project Design.

The modules that you will study include: Advanced Structural Analysis, Applied Finite Element Analysis, Advanced Geotechnical Engineering, Advanced Materials for Sustainable Construction, Civil Engineering Scheme Design, Engineering Project Management and Civil Engineering Project Design. You will also undertake an individual project as part of your MSc based on a topic of your interest.

On completing this programme, you will have developed the skills to interface with engineers and functional users and, to take a civil engineering project from initial conception to delivery. You can expect to find roles in both the public and private sectors within civil engineering in areas such as transportation, construction, design, planning, sustainability and project management.

ENTRY

A second-class Honours degree or equivalent qualification, in civil engineering or related area or an equivalent professional qualification or lower qualifications with appropriate professional or industrial work experience.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

> **"The group work aspects of the programme were a real benefit to my confidence as it was good preparation for working in a design team in a professional environment."**
>
> **DAVID HODGSON**
>
> **CIVIL ENGINEERING GRADUATE**

CONSTRUCTION MANAGEMENT WITH DIGITAL ENGINEERING

SCHOOL:	DURATION:		
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)		
CAMPUS: Paisley	**INTAKE:** January & September	**CONTACT:** Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

The requirement for improved processes and adaptation in the construction industry to changing demands and regulations for safety, maintenance or sustainability reasons has made it necessary for digital information of construction projects to be available. An increasing number of authorities are making this a strict requirement for all construction projects. This programme has been designed to address this need.

The vocational nature of this programme makes it ideally suited to graduates looking to acquire specialist knowledge within the field of contemporary construction management and digital technologies, and individuals seeking long-term professional advancement. It is designed to equip you with the skills needed to move towards a digitally integrated built environment. You will be exposed to Digital Engineering and Building Information Modelling (BIM). You will particularly focus on developing BIM and Big Data Analytics and their applications for both delivery and asset management.

The modules that you will study include: Digital Engineering, Project Scheme Design, Project Management, Construction Business Economics, Contract Management and Law, Strategic Management in Construction and Built Asset and Facilities Management. You will also undertake an individual project as part of your MSc based on a topic of your choice.

Teaching is through a combination of lectures, tutorials, practical classes, case studies and design problems, as well as integrated project work. Assessment is principally by coursework, design problems and examinations. Students will also be expected to present design work to internal staff and external industrialists as part of the learning and assessment process.

Upon completion you could pursue a career in architectural and engineering design, project management, construction management, real estate, asset/facilities management, general business management, investment appraisal and in the public sector.

ENTRY

A second-class Honours degree or equivalent qualification, in a relevant Science, Engineering, Built Environment, Social Science and Management (e.g. Business Management) discipline or equivalent vocational or professional qualifications and experience.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

ENGINEERING MANAGEMENT

SCHOOL:	DURATION[1]:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Lanarkshire	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme is designed for business professionals and graduates from diverse backgrounds who aspire to responsible positions within industry. It aims to develop your business process, management and enterprise systems knowledge and empower you to work alongside other creative thinkers to turn big ideas into reality. The course has a business process improvement and enterprise systems focus, covering advanced techniques for project, operations and enterprise systems management.

The programme offers you the opportunity to learn the tools of advanced global business change, operations and project management to meet the demands of large business improvement projects. It is particularly suited to graduates who want to pursue a career in the engineering and manufacturing sector.

You will be equipped for the next step in your career in manufacturing and service operations. This programme will equip you with some of the initial education and training on enterprise resource planning and/or analytical thinking and decision making. Most business organisations that implement enterprise resource planning solutions require qualified staff and consultants throughout their lifecycle.

The core topics you will study include Continuous Improvement, Advanced Operations Management, Statistics for Engineering Management and optional modules that include Total Productive Maintenance, Project Management and, Enterprise Resource Planning. You will also undertake an individual project as part of your MSc based on a topic of your choice.

Teaching is through a combination of lectures, tutorials and computer laboratory sessions. Assessment is principally by coursework and examinations.

There is high demand for Engineering Management graduates from engineering organisations, the manufacturing sector, and customer and consulting organisations across all sectors of engineering throughout the world.

ENTRY

A second-class Honours degree in engineering, technology, science, business or a related discipline or equivalent vocational or professional qualifications and experience. Applicants with lower qualifications who have work experience may be considered.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

[1] Time-out for an internship and SAP certification may be available on a case by case basis after the diploma requirements have been completed.

MECHANICAL ENGINEERING

SCHOOL:	DURATION[2]:	
Engineering & Computing	MSc Jan intake 18 months/24 months (full-time/part-time) Sept intake 12 months/24 months (full-time/part-time)	
CAMPUS:	**INTAKE:**	**CONTACT:**
Paisley	January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme is for engineering graduates aspiring to responsible positions within aerospace, automotive and general mechanical engineering companies. It is also ideal for engineers holding a BEng degree that require a further learning element to qualify for Chartered Engineer registration.

It is designed to deepen and widen your knowledge and understanding of mechanical engineering specialist topics by offering you a wide range of core modules and modules that will enable you to develop appropriate interpersonal and transferable skills. These will allow you to function in an advanced engineering environment as senior engineers and managers.

The modules that you will study include: Advanced Structural Integrity, Computational Fluid Mechanics, Advanced Finite Element Methods and Analysis, Advanced Engineering Materials, Advanced Heat Transfer, Composites Design and Analysis and, Project Management and Research Methods. You will also undertake an individual project as part of your MSc based on a topic of your interest either in the University, in the research group or, where possible, in a company.

Teaching is through a combination of lectures, tutorials, practical classes, laboratories, case studies and specialist guest lectures. Assessment is principally by coursework assignments, laboratory investigations and examinations. You will also be expected to present your work to external industrialists as part of the learning and assessment process.

As a graduate, you will have developed expertise to apply for roles in design and development in the automotive, aerospace, offshore, oil and gas industries and in all mainstream mechanical engineering industry sectors. Some graduates from this programme have obtained professional employment with companies such as Rolls Royce, Howdens, Doosan Babcock, Babcock International, Spirit AeroSystems, BAE Systems, and Thales Optronics.

ENTRY

A second-class Honours degree or equivalent qualification, in mechanical engineering or related area or an equivalent professional qualification or lower qualifications with appropriate professional or industrial work experience.

English language proficiency at a minimum of IELTS band 6.0, or equivalent, with no component score below 5.5.

[2] Time-out for an internship and SAP certification may be available on a case by case basis after the diploma requirements have been completed.

CREATIVE INDUSTRIES

90%

OF STUDENTS FROM THE SCHOOL OF MEDIA, CULTURE & SOCIETY WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

We offer an exciting range of creative industry programmes delivered at the University's award-winning, £81m Ayr Campus and other world-class venues. We offer some of the sector's most impressive broadcasting, performance and production facilities, and an exciting range of postgraduate programmes which anticipate the skills needed to meet the demands of the creative and cultural industries.

Our postgraduate programmes are delivered by staff with wide-ranging experience in the media and music industries. Links with industry ensure our students enjoy hands-on experience in their chosen field.

Partnerships with leading industry employers
Our Creative Media Academy brings together all of our provision in support of the creative media sector. The Academy operates between our campuses and a creative enterprise cluster in Glasgow, working with the CCA: Centre for Contemporary Arts, Film City Glasgow and our Media Academy Knowledge Exchange (MAKE). Through our presence in Glasgow's Creative Clyde we are co-located with some of the largest media employers in Scotland – ideal for networking, collaboration and professional development – and with major international media businesses, microenterprises and independent practitioners.

THE STATS

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

93% of students from the School of Media, Culture & Society agreed their course was intellectually stimulating – Postgraduate Taught Experience Survey 2017

88% overall student satisfaction for the School of Media, Culture & Society – Postgraduate Taught Experience Survey 2017

Our programmes
The MA programmes provide a framework of industry liaison – which includes industry guests, mentoring and working to external briefs which allows students to build industry-led experience and contacts. Professional engagement, knowledge exchange and research lies at the heart of our creative industries programme focus. We have an international outlook and encourage students to develop their own creative enterprises and freelance careers, gaining employment with a range of agencies across the public and private sectors.

The School also has a number of key sector partnerships with Sony, AVID, BASCA and the Scottish Drama Training Network and strong links with STV, the BBC, Bauer Media, Global Radio, MG Alba, and other broadcasters across the music industry including Linn Products and Zisys.

Professional recognition
Selected programmes carry professional accreditation/ recognition – see programme entries for details.

Great facilities
Accreditation by Creative Skillset, the Sector Skills Council for Creative Media, has led to the creation of the UWS Creative Media Academy. Operating across our campuses and through the UWS Glasgow Creative Enterprise Cluster, the Academy offers:

- A wide range of practice-led programmes
- First-rate facilities including an £81 million investment in our new campus at Ayr

- Teaching in skills which are in demand by the creative industries

To find out more visit **uws.ac.uk/mcs**

Expertly led
Our programmes are delivered by lecturers with extensive experience of professional practice across screen, broadcast, journalism, music performance and the visual arts. Our Creative Media Academy is one of the higher education partners of the Scotland Film Talent Network. We have also developed Scotland's first learning theatre with the Gaiety Theatre, where students get hands-on technical theatre skills in a real theatre environment.

Research excellence
Our vibrant research culture spans the theory, policy and practice of a wide range of areas, including:

- Popular music, theatre, and visual cultures
- Community regeneration and public art
- The future of journalism and social media
- Cultural policy, cultural practice and cultural economy
- Independent film and transmedia practice
- Dementia, mental health and the arts

We would be interested to hear from anyone who might be interested in pursuing postgraduate studies linked to any aspect of our research work. We have a large and vibrant community of postgraduate research students, who benefit from expert supervision based on our proven research and creative practice strengths. Students interested in research degrees at MPhil and PhD level may apply direct with their own research proposal – see pages 12-13 and **uws.ac.uk/research** Or you may apply for a UWS funded research studentship – see page 13 and **uws.ac.uk/studentships**

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FINANCIAL SUPPORT

Students may be eligible to apply to SAAS for postgraduate loan funding – see **uws.ac.uk/money** for details.

Movie makers and shapers

We are very proud of all of our students and many of them have already been recognised outside of the University for their achievements. Read about two of our latest award winners here.

Christopher Martin
Contemporary Screen Acting graduate Christopher Martin won the best leading actor in a short film award at the Portsmouth International Film Festival.

The film, Open Mike, which was written by Christopher, was also nominated for the best short film award at the Festival and sees him playing the role of an adult living with autism, who does not speak.

Christopher said: "The film formed part of my final Honours project in 2015 and when I told my lecturers my character wouldn't speak, they thought it was a bold move, but I wanted to make the character authentic.

"I spoke with families of people living with autism, who explained that communicating with people can be a real challenge. Developing the role was a fascinating experience."

This award marks the latest triumph for Christopher, who also gained a nomination at the BAFTA Scotland New Talent Awards for Open Mike.

He is equally comfortable starring in front of the camera or acting as the creative force behind the films, with several other film scripts nearing completion. An appearance on gritty Scottish soap River City further enhanced a flourishing reputation.

"I had a wonderful time during my appearance on River City," Chris said. "I had taken part in a workshop with the show's casting director and he commented that it was clear I had received training at UWS on how to act in front of a camera, which is an important skill.

"Something which really helped with my development was Studio Lab, which sees students trained in a variety of technical and creative aspects of TV studio production. The people I was working with have become friends, contacts and industry professionals. I had the most wonderful time there and wouldn't change a thing."

OPEN MIKE

Film explores the life of an adult with autism.

Chris wrote and starred in leading role.

Nominated for BAFTA Scotland New Talent Award.

Shiona McCallum
MA Broadcast Journalism graduate, Shiona McCallum won a silver award at the Arqiva Commercial Radio Awards 2016.

Shiona, who graduated from UWS in 2009, won this award in the Journalist of the Year category of these prestigious, UK-wide annual awards.

The awards honour the best in all aspects of the original broadcast medium, from presentation and programming to advertising and marketing.

Shiona, who received this award for her role as reporter at Radio Forth in Edinburgh and has recently taken up a post at Radio Clyde in Glasgow, said: "I was delighted to be nominated for an Arqiva in recognition of my dedication and hard work within the news team. The commercial radio industry is extremely competitive so to walk away with the Silver was an incredible achievement for my first year entering the awards. My entry included a number of exclusive interviews and campaigns along with breaking news coverage which I was extremely proud of."

"My entry included a number of exclusive interviews and campaigns along with breaking news coverage which I was extremely proud of."

SHIONA MCCALLUM

PAISLEY IN PRINT

80,000
patterns were created - more than one for every Paisley resident

The original paisley pattern is thought to be of Persian origin

1960's pop icons of the day, The Beatles and The Rolling Stones wore Paisley print

Paisley Pearls

The 3 Ps of UWS creativity: Paisley Pattern Pearls.

What's the link between Paisley's textiles heritage, freshwater pearl mussels from the river that runs through the town, computing science, art and Paisley's bid to become UK City of Culture in 2021? UWS of course.

They all came together through the Paisley Pearls project — a unique art commission that culminated in a 16-week digital art installation in Paisley Museum. It was conceived by the UWS Creative Media Academy to support Paisley's bid to become City of Culture in 2021.

Paisley Pearls was a blend of art and science, with more than a passing acknowledgement to Paisley's rich textiles heritage. It also highlights the plight of Scotland's endangered freshwater pearl mussel, which once thrived in the town's White Cart river.

The installation featured specially coded software that generated unique digital 'paisley pearl' patterns and displayed them on a high definition screen mounted within a 19th century style weaving loom. Over the course of the exhibition, over 80,000 patterns were created — more than one for every Paisley resident.

Designed by award-winning artists Vicky Isley and Paul Smith, aka Boredomresearch, the project involved UWS digital art and computing students in a series of workshops that helped define the computing and creative approach to the project.

Professor Nick Higgins, Director of the UWS Creative Media Academy, said, "The exhibition was fantastically well received. We were delighted to welcome people from Paisley, the UK and beyond, to experience this digital reinvention of the iconic Paisley pattern, and to be part of the bid to show that Paisley deserves to be City of Culture in 2021.

"For UWS students it was also a chance to participate in a cross-disciplinary project, one that married computing science and art in a novel and enduring way."

Part of the exhibition is now installed in the Atrium of the UWS Paisley Campus, so students there can see it every day.

WATCH
Watch 'Paisley Pearls', video of the digital loom exhibition at the Paisley Museum
vimeo.com/191079658

MUSIC FOR GOOD

fischy music

Fischy Music is a charity that has supported children and those that work with children for nearly 20 years.

They emphasise the uniqueness, creativity and worth of every child and produce memorable, easy to learn, fun songs that any child can sing.

ALUMNI PROFILE

Music Maestro

ALUMNI:	COURSE:	CURRENT ROLE:
Christy Ringrose	MA Music (Songwriting)	Musician with Fischy Music

Christy Ringrose landed a job in music before she'd even handed in her MA thesis: for fourteen hours a week, she works for Fischy Music, a charity that supports the emotional, social and spiritual wellbeing of children through song.

When she's not doing that, she's playing intimate gigs for music fans in Scotland and Norway (where she grew up), or working on her next album; a collection of self-penned songs recorded in acoustically-rich locations. This will be her second album since graduating. The first, Circles, is a catchy collection of educational songs for children.

But Christy hasn't always imagined a life in music. In fact, she didn't discover her passion and talent for the creative arts until she'd completed an undergraduate degree in linguistics.

She describes the Music MA as her first 'official' music training, but says it was anything but prescriptive. "The tutors gave us the freedom and support to find our own creative identities," she says. "Being set a challenge really helps you explore what you can do".

Access to a host of instruments, equipment, and a proper recording studio helped with this creative exploration. As did her course-mates: "It was great to meet other artists and musicians. Everyone had a different style, so we inspired each other".

BROADCAST JOURNALISM

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MA (full time) 1 year	Ayr

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This MA programme equips students with the necessary skills, knowledge, understanding and other attributes expected of professional broadcast journalists at the start of their careers. It is also designed to encourage students to engage critically with, and make informed judgments on, current professional practices and ethical issues.

You will develop expertise in newswriting, interviewing, presenting, editing, and online content, as well as deepening your awareness of the legal, moral and regulatory issues that confront working journalists.

You will apply specialised techniques and also, at Masters level, plan and carry out a significant project of original research, culminating in a documentary or broadcast portfolio.

Employability is at the heart of the programme. Each student is sent on placement, often to commercial radio stations, which have actively recruited from the programme. The programme is accredited by the Broadcast Journalism Training Council.

ENTRY

Entry to the MA is open to those possessing an Honours degree (minimum 2:2) or equivalent.

As part of the application process candidates are required to attend an interview, complete a writing exercise and carry out a voice-test.

Overseas students must also meet English language requirements - see page 129 for more details.

CREATIVE MEDIA PRACTICE

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MA (full-time/ part-time) 1 year /2 years	Ayr[1]

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Develop your creative skills, knowledge and experience through this flexible MA suite, and build up a strong portfolio of high-quality creative work across your chosen areas of practice.

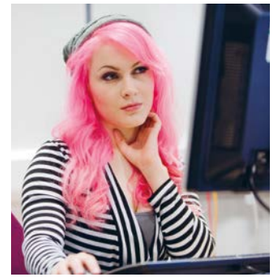
The programme is aimed at graduates and industry professionals wishing to broaden their skills and explore and consolidate their creative identity across film, digital, media, photography, writing and performance. Delivered by expert practitioners, the programme will equip you for a creative media career, offering network contacts, the chance to build a portfolio, and essential practical skills.

Modules are likely to include:

- Creative Skills
- Critical Media Contexts
- Creative Media Practice
- Collaborative Project
- Research: Critical Development
- MA practice-led research project

Work-related learning is available either as a placement in the screen and broadcast industries and/or work on a professional project.

Graduates have found roles such as independent producer, scriptwriter, TV development producer, documentary maker, digital media producer/developer, artist filmmaker and motion graphics designer.



ENTRY

Entry to the MA is open to Honours graduates (minimum 2:2).

Applicants with relevant equivalent qualifications and/or professional experience will also be considered.

Overseas students must also meet UWS English language requirements – see page 129 for more details.

[1] Some classes may be delivered off-campus, at the School's Creative Hub in Glasgow's CCA (Centre for Contemporary Arts) and Film City. This programme is also delivered at Dublin Filmbase.

CULTURAL DIPLOMACY & INTERNATIONAL SPORT/ INTERNATIONAL EVENTS/INTERNATIONAL MUSIC

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MA (full-time) 1 year	Delivered jointly by UWS (Paisley and London campuses) and the Institute for Cultural Diplomacy in Berlin

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Delivered in partnership with the Institute for Cultural Diplomacy (ICD) in Berlin, this MA framework is unique in its integration of international relations, cultural and public diplomacy, and in-depth study of major events, sport or music.

Students spend the first trimester at UWS Paisley or UWS London, before spending the second trimester in Berlin.

Students will gain a critical and research-underpinned understanding of the history and contemporary practice of cultural diplomacy, as well as expertise in their chosen specialism: international sport, events, or music. They will then consolidate and extend their specialist knowledge by undertaking a dissertation to complete the MA.

Students will have the opportunity to participate in work-related learning at ICD.

The programme prepares students for careers in diverse fields, such as international events, cultural policy-making and governance, international relations, politics, and research.

ENTRY

Honours degree (minimum 2:2) or equivalent in any discipline.

Overseas students must also meet UWS English language requirements – see page 129 for more details.

FILMMAKING

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MA (full-time/ part-time) 1 year /2 years	The programme is based at Film City Glasgow, with some delivery at our Ayr and Dumfries campuses

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This sector-leading MA programme equips aspiring and emerging filmmakers with the skills to transform dreams into cinematic realities.

This programme is designed to support those who wish to work professionally in the film industry either in fiction, documentary or experimental filmmaking, including immersive virtual reality productions.

Students will gain access to industry experts and have the opportunity to run special industry events with our partners. Opportunities will also exist to learn from the professionals who work in Film City, and to make use of their facilities to complete post-production on their films. Placement opportunities are also likely to emerge through the Scottish Film Talent Network.

You will make a documentary film and a fiction film, as well as studying film as an industry and developing your craft in the Development Lab module. The MA is completed by an extended Masters film project. Students receive £500-£2500 towards the cost of producing their final Masters project films.

The programme benefits from strong integration with the Scottish film industry, including access to services at Film City Glasgow and skills development support for students from film executives from the BFI & Creative Scotland funded Scottish Film and Talent Network (SFTN). Students on graduating will therefore be in a privileged position from which to access industry funding for their future film projects, and develop viable professional careers.

ENTRY

Honours degree (minimum 2:2) or equivalent. Candidates will be required to submit a portfolio of relevant creative work and a written statement (750-1500 words), and attend an interview with the Programme Leader.

The programme may in certain circumstances permit entry to the course where specific professional or other experience is demonstrated and is deemed appropriate to the level.

Overseas students must also meet UWS English language requirements – see page 129 for more details.

MUSIC

(Songwriting/Sound Production/ Industries)

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MA (full-time/ part-time) 1 year/2 years	Ayr, London[1]
INTAKE: January & September[2]	**CONTACT:** Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

Deepen your expertise in the authorship, production and distribution of popular music through this framework of MA Music programmes.

The MA is underpinned by professionally relevant research and enterprise in the areas of songwriting, sound production and the music industries. The following pathways are available:

MA Music (Songwriting) – aimed at those interested in the practice of songwriting and composition, with a focus on practice-based/inquiry-based research, collaboration and the cultural contexts within which songwriters work.

MA Music (Sound Production) – aimed at those with an interest in the technical and artistic aspects of music/audio production, with a focus on practice-based/inquiry-based research.

MA Music (Industries) – aimed at those with an interest in the businesses, processes and developments that underpin work within the music industries as well as the broader creative and cultural industries.

MA Music – this bespoke degree is intended for students who have a broad interest in the creative, technical and industrial elements of music.

Collaboration is central to the music industries and the MA Music framework reflects this, allowing students the opportunity to specialise while developing new collaborative professional networks and approaches to interdisciplinary working.

Our graduates have gone on to enjoy fulfilling careers within the arts and the wider creative landscape, often on a sustainable self-employed basis.

ENTRY

Entry to the MA is open to those possessing an Honours degree (minimum 2:2) or equivalent.

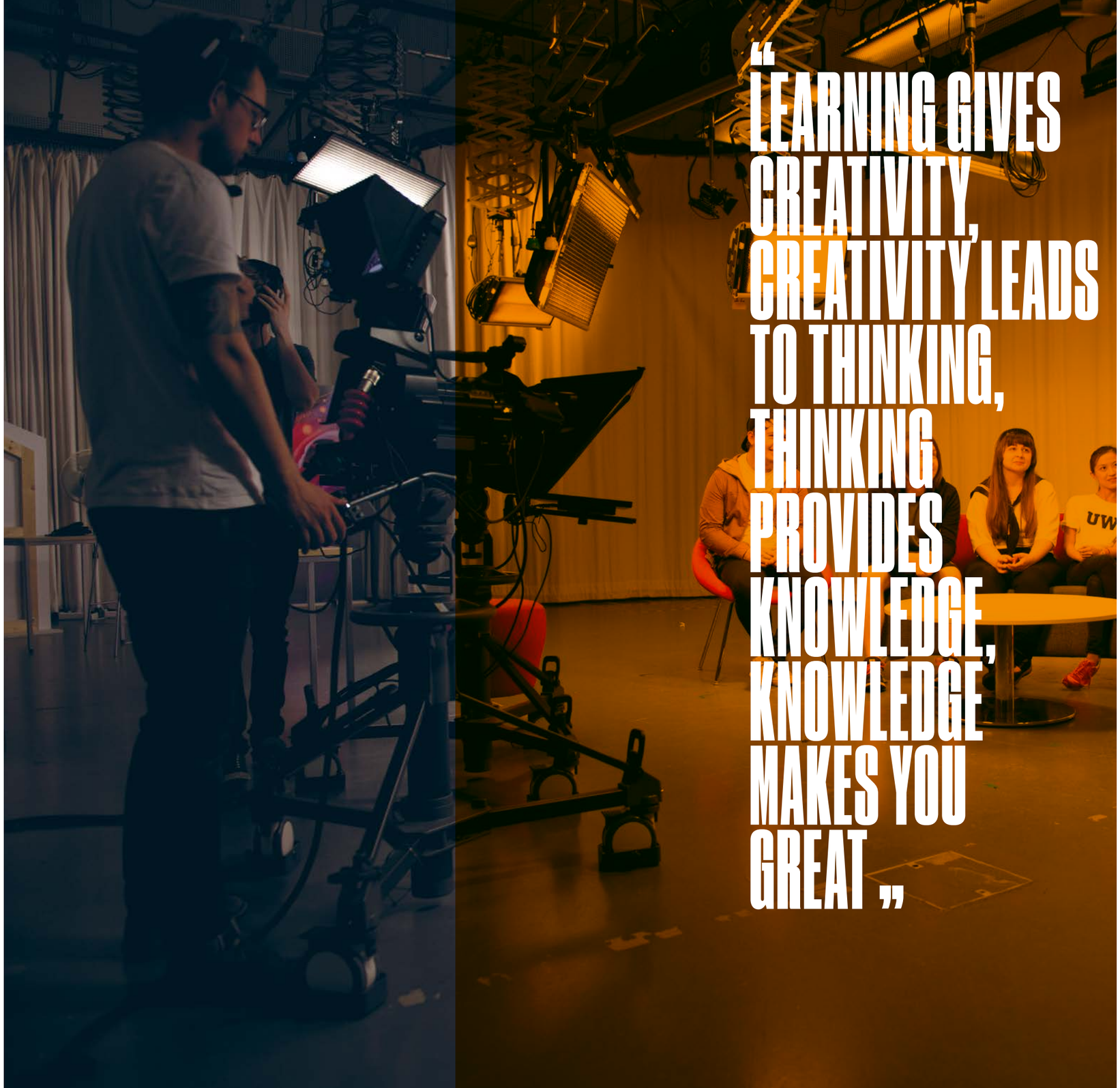
Applicants may gain entry to the course where significant professional or other experience is demonstrated and deemed appropriate to the level of study.

Entry is subject to interview and presentation of a satisfactory professional portfolio.

Overseas students must also meet UWS English language requirements – see page 129 for more details.

[1] The Songwriting and Industries pathways will be available at London Campus from September 2018.

[2] There will only be a September intake at Ayr Campus.



School of Media, Culture & Society

SOCIAL SCIENCES

90%

OF STUDENTS FROM THE SCHOOL OF MEDIA, CULTURE & SOCIETY WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

Social Sciences examine the world we live in - from the way we think and behave to the decisions that shape our social and political environment. Applied research, collaboration with industry professionals and work-related learning combine to ensure we equip you with the right skills for your future career.

Our programmes
Practical, flexible and designed to fit around your existing commitments – many of our programmes are available part-time.

The School recently celebrated 50 years of social science education at UWS and its legacy institutions. Harnessing our School's comprehensive range of teaching, research and enterprise expertise, we continue to build upon our considerable pedigree in social science to meet the contemporary needs of our students and communities.

You will also join our thriving and diverse learning community at an exciting time, as we explore the opportunities for interdisciplinary working across our School of Media, Culture & Society.

THE STATS

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

93% of students from the School of Media, Culture & Society agreed their course was intellectually stimulating – Postgraduate Taught Experience Survey 2017

88% overall student satisfaction for the School of Media, Culture & Society – Postgraduate Taught Experience Survey 2017

Professional recognition
Selected programmes carry professional accreditation/ recognition – see programme entries for details.

Links with employers
We have close working relationships with an extensive range of employers and professional bodies in the social and healthcare sectors, local and central government, education, and the private and not-for-profit (third) sectors, which means our programmes are contemporary and relevant to the professions. These include the Scottish Government and Age Concern Scotland.

Research excellence
Research carried out by staff is published internationally, shapes official reports and influences policy. Our research also underpins all our teaching activity, which means you'll benefit directly from our expertise in a variety of fascinating, relevant areas.

We have a range of specific areas of research expertise, which include:

- Health and inequality
- Migration and refugee studies
- Public services reform and public policy
- Environmental psychology
- Alcohol and drug policy
- Policing and criminal justice

We would be interested to hear from anyone who might be interested in pursuing postgraduate studies linked to any aspect of our research work. We have a large and vibrant community of postgraduate research students, who benefit from expert supervision based on our proven research strengths. Students interested in research degrees at MPhil and PhD level may apply direct with their own research proposal – see page 13 and **uws.ac.uk/research**

Or you may apply for a UWS funded research studentship – see page 13 and **uws.ac.uk/studentships**

Partnership with Oxfam Scotland
Bringing together UWS academic expertise, Oxfam's internationally recognised anti-poverty work and wide-ranging contributions from UWS students and collaborating partners, we are delivering vital research, shaping policy and strategy, challenging prevailing economic models and making a real difference to our communities.

Working with Oxfam's community partners, we are gathering first-hand experience of poverty and inequality, of newly-emerging problems and trends, and of the work of community organisations. Our students, too, are playing their part as volunteers and through placement with partner organisations.

SECTION CONTENTS

Applied Social Science (Civil Society and Public Affairs / Criminal Justice and Community Practice / Global Social Work and Social Policy) 76
Career Guidance & Development 76
Contemporary Drug & Alcohol Studies 77
Master of Public Administration 77
Policy Analysis & Global Governance 78
Psychology (Conversion) 78
Social Work (Conversion) 79

FINANCIAL SUPPORT

Students may be eligible to apply to SAAS for postgraduate loan funding – see **uws.ac.uk/money** for details.

Good Work

DR KALLIA MANOUSSAKI: UWS PSYCHOLOGY LECTURER

RESEARCH INTERESTS

Taking a stand on sexual violence

The University and the Students' Association of University of the West of Scotland (SAUWS) are playing a key role in preventing sexual violence at university and college campuses across the country as part of an awareness raising campaign launched in 2016.

The Standing Safe initiative engages students in a range of activities to raise awareness of sexual violence and the support available to prevent it. It is led by Dr Kalia Manoussaki, a lecturer in Psychology at UWS.

"Many of the students who volunteer are studying on our social science courses and therefore have a natural interest in the themes that we explore," says Kallia. "However we are delighted that we also have students involved from across the University's six Schools and I think this shows how powerful and emotive this subject is. We hope to build on this involvement as the initiative continues to grow."

Our student volunteers plan, organise and host events - with guidance and support from staff.

"These events vary in scope and format and provide different opportunities for discussion and learning," says Kallia. "They include workshops on social attitudes or issues around consent and gender stereotypes, lectures on harmful traditional practices, and information sessions on aspects of the Scottish Justice System and victim support agencies.

"Students are provided with valuable opportunities to lead projects, to directly engage with experienced professionals, activists and the larger community. These personalised learning experiences offer a host of transferable skills, build confidence and entrepreneurship and allow our students to foster relationships with external organisations, which may provide future volunteering and employment opportunities."

> "Students are provided with valuable opportunities to lead projects, to directly engage with experienced professionals, activists and the larger community. These personalised learning experiences offer a host of transferable skills."
>
> DR KALLIA MANOUSSAKI
>
> LECTURER IN PSYCHOLOGY

> "Rather than adapting our students to the world, we're encouraging them to investigate social problems, ask the right questions and find the right information. In doing so, we're preparing them to shape the world around them for the better."
>
> CHIK COLLINS
>
> ASSISTANT DEAN (RESEARCH & ENTERPRISE), SCHOOL OF MEDIA, CULTURE & SOCIETY

Want to help tackle poverty in the west of Scotland? Or conduct research backed by one of the world's biggest charities? At UWS, you could get to do both.

We're working with Oxfam to address inequality, poverty, social justice and sustainability issues in Scotland. As a UWS student you'll get the chance to directly influence the work we do.

A PARTNERSHIP OF THREE ELEMENTS

Research and knowledge exchange
We bring UWS academics together with Oxfam and community organisations to identify the issues that matter. Then we look at how these fit into the wider agenda.

Policy forum
We ask professionals and communities to share their perspectives on our research findings, and use their views to shape our advocacy efforts and policy.

Involving students
Working with local organisations not only develops your skills for work, it gives you the capacity to create a better future, and a place for yourself within it. From social media expertise to social policy insight, your skills can make a real difference.

PARTNERSHIP PROJECTS

A health boost for Ayrshire
We identified that community perspectives have the potential to help us to understand health and health inequalities much better. The challenge ahead? To find ways to connect local knowledge and national decision-makers.

Rewriting the workplace rules
One of our highest-profile projects was research that defined a 'decent' workplace. This formalised what many instinctively suspected – that working conditions for many low-paid workers were falling short of basic standards. Our report put the issue back on the public agenda. The result? The Scottish Government adopted a Fair Work programme very similar to the one we proposed.

THE DEFINITION OF A DECENT WORKPLACE

Our research revealed what Scotland's low-paid workers consider the minimum standard for a good workplace.

ALUMNI PROFILE

Supporting supported employment

ALUMNI:	COURSE:	CURRENT ROLE:
Leann Kelly	MSc Career Guidance and Development	Individual Placement and Support Specialist, SAMH

"The MSc meant I could also keep working while I studied — that was an important factor for me," says Leann Kelly, an employment specialist at the Scottish Association for Mental Health (SAMH).

Leann was looking for a qualification that would help her take the next step in her career. "I chose this course because career guidance and development is closely linked with individual placements and supported employment: the focus of my job at SAMH.

"I help people with severe and enduring mental health conditions find a suitable job, and give them the support they need to stay in work. I developed excellent knowledge and skills from completing the Masters course. I chose to do my dissertation on supported employment, and I really enjoyed researching and writing it. It's prompted me to write about it for health-related blogging sites. I hope to do some more research work one day too.

"I've completed my undergrad, postgrad diploma, and now my Masters with UWS. I am grateful for the opportunities it has given me. The Masters course has really helped me in my career."

5 WAYS TO BETTER MENTAL HEALTH

CONNECT Staying in touch with loved ones.

BE ACTIVE Being active has a positive effect on mental health.

TAKE NOTICE Take a moment for yourself and appreciate what matters.

LEARN Learning enhances your self-esteem and confidence.

GIVE Helping others will help you feel happy and rewarded.

APPLIED SOCIAL SCIENCE

(Civil Society and Public Affairs / Criminal Justice and Community Practice / Global Social Work and Social Policy)

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MSc (full-time/ part-time) 1 year /2 years	Paisley (Civil Society and Public Affairs is also available at the Management Centre of the Mediterranean mc-med.eu)

INTAKE:	CONTACT:
January (for the Civil Society and Public Affairs pathway) and September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This framework of Masters awards is focused on preparing students to make a difference in the policy community. The programmes are underpinned by cutting edge research, informed by a global perspective and designed to connect you with policy-makers and influencers. The programmes also offer you the opportunity to enhance your CV by undertaking a work-based project as part of your final dissertation.

Our students apply advanced social science techniques and models to their chosen specialism, whether that is Civil Society and Public Affairs, Criminal Justice and Community Practice, or Global Social Work and Social Policy – or pursue a bespoke programme chosen from our menu of modules.

MSc Applied Social Science (Civil Society and Public Affairs) – On this programme students explore the relationship between civil society and public affairs in theory and practice across a range of countries in comparative perspective.

MSc Applied Social Science (Global Social Work and Social Policy) – On this programme students explore current issues and developments in welfare and social work in a global context, such as the impact of war, immigration and asylum, human trafficking and global warming.

MSc Applied Social Science (Criminal Justice and Community Practice) – This programme provides students with the opportunity to study both theoretical and applied criminology at an advanced level, in order to engage critically, innovatively and independently with contemporary issues surrounding criminal justice, policing and community practice.

MSc Applied Social Science (Generic pathway) – The generic pathway empowers students to design their own programme from our menu of pathway modules and gain an understanding and applied experience of researching a number of contemporary and international issues.

Our graduates have gone on to take up employment within the public and private sectors including (but not restricted to) social research roles, advocacy, programme management, policy analysis, and evaluation. There are also opportunities for graduates to commence PhD research.

ENTRY

Applicants should hold a relevant Honours degree (any social science; medicine; health; law; or social work at 2:2 or above).

Applications will also be considered from those with a degree in another discipline or other professional training or experience relevant to programme specialisms – for full details see our website.

Overseas students must also meet UWS English language requirements – see page 129 for more details.

92% OF APPLIED SOCIAL SCIENCE STUDENTS AGREED THAT OUR STAFF ARE ENTHUSIASTIC ABOUT TEACHING

Postgraduate Taught Experience Survey 2017

CAREER GUIDANCE & DEVELOPMENT

QCGD Centre

SCHOOL:	DURATION[1]:	CAMPUS:
Media, Culture & Society	PG Dip (full-time/ part-time) 1 year/ 2 years	Paisley (PG Dip only), online

INTAKE:	CONTACT:
January and September[2]	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Develop your practice as a career guidance and development professional on this flexible and accredited programme.

The programme will support you to undertake critical analysis of professional practice, while deepening your knowledge of the career development sector and developing your research skills.

Full-time PG Dip students are provided with placement and practical opportunities to develop their professional practice and meet the requirements of the professional body, the Career Development Institute (CDI). Existing career guidance/development professionals may opt to complete the CDI-accredited PG Dip by distance and work-based learning, or may complete the PG Cert by distance learning. Successful completion of the PG Dip allows students to progress to the MSc where they conduct a supervised research project by distance learning.

Modules include:

- Reflective Guidance Practice
- Models of Professional Practice
- Career Coaching and Development
- Career Related Policy
- Career Development Theory
- Labour Market Studies

Graduates have a successful record of gaining employment as career guidance and development practitioners in the public, private and voluntary sectors within the UK.

ENTRY

The normal entrance requirement for the Postgraduate Certificate and Diploma is an undergraduate degree in any subject area.

Applications from candidates who do not possess the qualifications above may also be considered – see our website for details.

Applicants who wish to complete the PG Dip by distance learning must normally be employed for the duration of their programme in a guidance related role where they have access to clients and to a qualified professional willing to act as their practice tutor/assessor. Applicants who wish to complete the PG Cert by distance learning must normally be employed in a career development role.

Applicants will have to provide an appropriate reference confirming their suitability for work with individuals and groups in helping and teaching contexts.

Overseas students must also meet UWS English language requirements – see page 129 for more details.

[1] See website for PG Cert and Masters top-up options.

[2] Intake for full-time campus-based students undertaking the PG Dip.

98% OVERALL STUDENT SATISFACTION

Postgraduate Taught Experience Survey 2017

96% OF CAREER GUIDANCE & DEVELOPMENT STUDENTS WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

CONTEMPORARY DRUG & ALCOHOL STUDIES

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MSc (full-time/ part-time) 1 year/ 2 years	Paisley

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Explore the interplay between psychoactive substances and society from a critical social science perspective.

This programme will enable you to bring an evidence-based approach to the use of drugs, alcohol and other substances in theory and practice.

You will critically examine key themes in the study of substance use, including definitions of and effects of substances; patterns of consumption within different social contexts; drug markets and addictive industries; and the consequences of substance-related harms for individuals, families, neighbourhoods and society.

Modules are likely to include:

- Understanding Substance Use*
- Contemporary Responses to Substance Use*
- The Politics and Policy of Alcohol & Drugs*
- Research Methods
- Substance Use and Society
- Work Based Learning
- MSc Dissertation

(The first three modules marked with an asterisk* can be undertaken as a standalone Postgraduate Certificate).

The programme prepares graduates for success in drug/alcohol services in the statutory and voluntary sectors, and in broader youth and social care professions. For those already employed in services the qualification confers specialist knowledge of theory and contemporary evidence-based developments in the field.

ENTRY

Students are required to hold an Honours degree in social science or equivalent (2:2 or above).

In particular circumstances students can use evidence of relevant professional experience to support applications – for full details see our website.

Overseas students must also meet UWS English language requirements – see page 129 for more details.

NB: Many of our students who attend on a part-time basis secure funding support from their employers.

100% OF STUDENTS IN WORK/ FURTHER STUDY SIX MONTHS AFTER GRADUATING

HESA performance indicator 2015/16

94% OVERALL STUDENT SATISFACTION

Postgraduate Taught Experience Survey 2017

MASTER OF PUBLIC ADMINISTRATION

(MPA)

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MPA (full-time/ part-time) 1 year/ 2 years	London, Paisley, Management Centre of the Mediterranean (mc-med.eu)

INTAKE:	CONTACT:
January[3] and September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This innovative MPA programme equips modern public managers and policy-makers with the skills required to make a decisive contribution to contemporary governance and policy.

The programme is delivered jointly between the School of Media, Culture & Society and the School of Business & Enterprise, combining a rigorous social science focus on governance, public administration, public policy and politics with a strong grounding in public sector management and strategy.

Modules are likely to include:

- Power, Politics and Civil Society
- Global Crisis Management
- Policy Analysis & Practice
- Public Service Performance Management
- Public Sector Management
- Dissertation

The programme reflects the changing nature of the policy-maker or public manager's role, with its emphasis on public policy and governance as well as the traditional business and strategy focus. As such the programme will equip students to make a decisive contribution in a range of relevant fields including public administration and policy. Students will be offered the opportunity to undertake a work-based project as part of their final dissertation to further enhance their CV. The programme is also of key relevance for those who are currently working in public administration and who seek to undertake study at postgraduate level as part of their continuous professional development.

ENTRY

Applicants should hold a relevant Honours degree (any social science; business; health; law; or social work at 2:2 or above).

Applications will also be considered from those with a degree in another discipline or other professional training or experience relevant to the programme – for full details see our website.

Overseas students must also meet UWS English language requirements – see page 129 for more details.

[3] There is no January intake at Paisley Campus.

POLICY ANALYSIS & GLOBAL GOVERNANCE

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MSc (full-time/ part-time) 1 year/ 2 years	London, Paisley, Management Centre of the Mediterranean (mc-med.eu)

INTAKE:	CONTACT:
January[1] and September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme equips students with an understanding of contemporary policy challenges – such as climate change, human rights, health inequalities, terrorism and migration – within a national and global context.

Students investigate and evaluate the ways in which a variety of state and non-state actors come together to address global problems, whilst analysing the development and impact of complex public policies in an era of global governance and global crises.

The programme is ideal for those seeking to undertake careers in policy analysis, public administration and management, and evaluation. The programme is also of key relevance for those who are currently working in policy roles and who seek to undertake study at postgraduate level as part of their continuous professional development.

Modules are likely to include:

- Policy Analysis & Practice
- Global Crisis Management
- Social Research Today
- Power, Politics and Civil Society
- Theories of State and Civil Society
- Research Methods
- Comparative Governance and Public Administration

Students also complete an MSc Dissertation, which provides the opportunity to specialise in an area of public policy and governance and gain practical experience by undertaking a work-based project.

Graduates will have a range of skills including project management, evaluation, research methods and policy analysis which are attractive to government, state agency, and civil society employers. The programme also provides the ideal preparation for PhD research.

ENTRY

Applicants should hold a relevant Honours degree (any social science; medicine; health; law; or social work at 2:2 or above).

Applications will also be considered from those with a degree in another discipline or other professional training or experience relevant to programme specialisms – for full details see our website.

Overseas students must also meet UWS English language requirements – see page 129 for more details.

[1] There is no January intake at Paisley Campus

PSYCHOLOGY
(Conversion)

The British Psychological Society Accredited

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MSc (full-time/ part-time) 1 year/ 2 years	Paisley

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Study the human mind and behaviour in this professionally accredited Masters programme – your first step towards becoming a chartered psychologist.

This programme is designed for graduates with an Honours degree in a discipline other than psychology – or a non-accredited psychology Honours degree who wish to specialise in psychology.

The MSc is accredited by the British Psychological Society (BPS). On completion, you will be eligible for Graduate Basis for Chartered Membership (GBC) of the BPS. This in turn offers the possibility of pursuing a career pathway in psychology.

Modules are likely to include:

- Individual Differences in the Workplace
- Research Methods in Psychology
- Developmental Psychology
- Cognition
- Biopsychology
- Advanced Social Psychology
- Psychology Research Dissertation

Graduates from Psychology Conversion courses have continued postgraduate training in educational, clinical and occupational psychology, pursued successful careers in education, business, health and the media, and progressed into PhD research.

ENTRY

An Honours degree (2:2 or above) in any subject area, or a non-accredited psychology Honours degree.

Overseas students must also meet UWS English language requirements – see page 129 for more details.

100% OF PSYCHOLOGY STUDENTS WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

SOCIAL WORK
(Conversion)

Scottish Social Services Council

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	MSc (full-time) 2 years	Paisley

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Qualify as a social worker through this professionally accredited two-year MSc programme, developing the practical skills and knowledge you need to play a crucial role in improving people's lives.

The programme offers a challenging and stimulating range of learning opportunities that will equip graduates with the key attributes necessary to work effectively in an increasingly globalised and pluralistic working environment.

The programme is accredited by the Scottish Social Services Council (SSSC). Upon successful completion of the Postgraduate Diploma component of the degree, graduates are eligible to apply for registration with the SSSC or other social work regulators throughout the United Kingdom. Students will be encouraged to complete the full Masters when they achieve the professional component of the programme.

You will undertake 85 days of practice placement in each of the two years of the programme, under the supervision of a practice teacher. You will also complete modules in Social Work Theory and Applied Law for Social Work Practice. Finally, to complete the MSc you will undertake a dissertation.

UWS graduates enjoy excellent reputations with employers, working in local authority social services; the voluntary or independent sectors; and in health or education. Careers also involve children and families, community care or criminal justice.

ENTRY

Applicants will normally have an existing Honours degree at 2:1 or above in a relevant social science discipline. Consideration will be given to applicants who do not meet this criteria based on experience and individual merit.

The SSSC require all applicants to demonstrate that they have literacy and numeracy skills equivalent to the Scottish Standard Grade 2 in English and Mathematics.

International qualifications will be accepted providing that they provide equivalent credits to that specified within the Scottish Credit and Qualifications Framework. A satisfactory academic reference will be required in all cases. Overseas students must also meet UWS English language requirements – see page 129 for more details.

Applicants will be invited for interview.

Offers are made after all elements of the application have been considered and will be conditional on a further review of application to the register for social work students (SSSC).

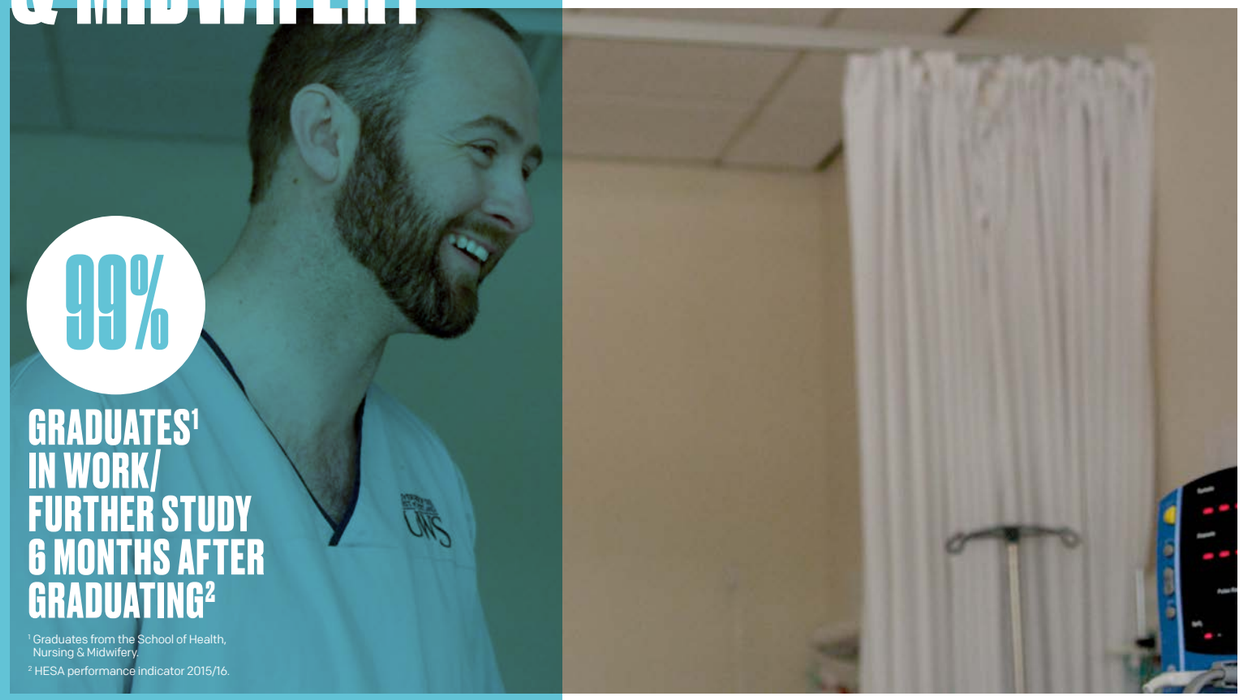
Applicants will be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme) – for info visit **scotland.gov.uk**

100% OF SOCIAL WORK STUDENTS WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

"THERE IS ONLY ONE SOCIAL SCIENCE AND WE ARE ITS PRACTITIONERS"

HEALTH, NURSING & MIDWIFERY



99%

GRADUATES[1] IN WORK/ FURTHER STUDY 6 MONTHS AFTER GRADUATING[2]

[1] Graduates from the School of Health, Nursing & Midwifery.

[2] HESA performance indicator 2015/16.

UWS is the largest provider of nursing and midwifery education in Scotland. Our graduates and staff are making an immense contribution to improving the health of the nation and are also making their mark across the world to improve health and wellbeing internationally.

The School offers a variety of innovative programmes at a range of levels for prospective students to choose from that reflect contemporary healthcare challenges and priorities.

Our programmes

We adopt an innovative approach to programme design, in collaboration with local healthcare providers, to meet the needs of both students and the professions and to meet wider health and social care policy.

Programmes in this section are organised with MSc options first followed by a range of other study opportunities at a variety of levels.

Multidisciplinary programmes

The MEd Enhanced Educational Practice (page 42), MSc Mental Health and Education (page 44), and Postgraduate Certificate Child Protection (page 90) are multidisciplinary programmes bringing together academic expertise from across various Schools within the University.

Continuing Professional Development (CPD)

Many of the modules offered at undergraduate and postgraduate level can be undertaken on a standalone basis, or as part of a programme of study. Modules are all credit bearing, allowing you to build towards a named degree pathway. In addition, we offer a wide range of short courses, study days and in-service programmes across our campuses, designed for Continuing Professional Development (CPD). For more info visit **uws.ac.uk/study/cpd-short-courses** or email **HNMCPDEnterprise@uws.ac.uk**

THE STATS

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

96% of students from the School of Health, Nursing & Midwifery would recommend UWS – Postgraduate Taught Experience Survey 2017

State-of-the-art facilities

Our campuses are equipped with artificial simulated environments with contemporary healthcare technology, where you'll learn in an authentic context, how to put your theoretical knowledge into practice. The unpredictability of patient symptoms are mimicked using sophisticated software in a clinical ward setting, ranging from low to high dependency beds.

Investment in the Domus Initiative – an older adult artificial home environment – provides you with experience in caring for older people and dementia care. In a first for the Scottish university sector, we have established A Community Orientated Resource for Nursing (ACORN) where students can practice within a simulated primary care environment.

Lanarkshire Campus also provides midwifery students with excellent learning and teaching environments with facilities and equipment that includes a birthing room with maternal simulator and a birthing pool for simulated water births.

Online learning

In addition to Moodle, the University's virtual learning environment, you will get access to a powerful cloud-based learning platform specially designed to enhance learning about clinical procedures and patient care. Within the resource you will get access to real interviews with patients and healthcare professionals, real lab results, and real footage of procedures to give you the benefit of seeing reality in action, and a safe space to learn flexibly and at your own pace.

Award-winning students and staff

- Grace Notes, a project led by UWS Mental Health Nursing students, which created six new songs for Dementia Awareness Week, was awarded 'Overall Winner' in the Mental Health Nursing Forum (MHNF) Scotland Awards 2016
- Our peer support project, 'Transitions to Recovery' won Educational Innovation of the Year at the MHNF Scotland Awards 2017
- 'Jenny's Diary', a project that helps people with learning difficulties come to terms with dementia, won 'Self Management Resource of the Year' at the Alliance Self Management Awards 2017
- MSc Gerontology student, Barbara Lawson, won the Sue Pembrey Award 2017 for being a compassionate and expert advocate for older people with dementia and their families

Research opportunities

We are keen to encourage our clinical colleagues in the NHS and other caring contexts to engage in research degrees. We will assist and supervise suitably qualified and experienced colleagues to engage in a programme of part-time research activity with the following exit points:

- Optional: Postgraduate Certificate in Research Methodology – 1 year
- Master of Philosophy (MPhil) – 3–4 years
- Doctor of Philosophy (PhD) – 4–6 years
- Doctor of Professional Studies (DProf) – 4–6 years

For more info visit **uws.ac.uk/hnm**

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FINANCIAL SUPPORT

Students may be eligible to apply to SAAS for postgraduate loan funding – see **uws.ac.uk/money** for details.

FUNDED STUDY FOR NHS STAFF

We have Service Level Agreements (SLAs) with NHS Ayrshire and Arran; NHS Lanarkshire; NHS Greater Glasgow and Clyde; Argyll Division of NHS Highland; and a contract with NHS Dumfries and Galloway. These arrangements enable staff from these health boards to access top-up undergraduate and postgraduate programmes that are developed on a collaborative basis and are professionally relevant to their sphere of work. Local processes are in operation and students should contact their Practice Development Units or appropriate NHS Board for up-to-date information.

AN AGEING POPULATION

Healthcare, and especially gerontology, is always changing – because people are living longer

The average life expectancy rose by 5.2 years between 1882 and 2014

63%

Of all deaths in 2014 were at age 75 or over

40% PENSIONABLE AGE ↑

Of Scotland's population will be of pensionable age by 2039, up from 31% in 2015

ALUMNI PROFILE

Lifelong learning

ALUMNI:	COURSE:	CURRENT ROLE:
Margaret Callaghan	MSc Gerontology and Later Life Studies	Quality Manager, Thistle Healthcare Ltd.

Healthcare is an industry that never stands still. And that, says Margaret Callaghan, means those who work in it can't afford to rest on their laurels either.

Margaret certainly hasn't. On the way to her role as Quality Manager at Thistle Healthcare, she's returned to UWS four times, completing a Higher Diploma in Adult Nursing, a Graduate Certificate in Working with Older People, BSc in Health Studies and most recently an MSc in Gerontology and Later Life Studies.

Of the Masters course, she says "I loved it. There was so much support – I could email tutors about an assignment any time, day or night, and there was always someone there to help."

That's not to say it was an easy ride. "There's no spoon feeding; you have to work hard. But that's the best way to learn. I improved in so many areas, professionally and personally. I didn't just pick up new skills; I learned to see things differently".

Today, she oversees twelve care homes, supporting managers and staff so they provide residents with the best quality care. "Questioning and challenging is an invaluable part of being a quality manager. My time at UWS gave me the confidence to challenge people – even superiors – if I see somewhere we can make improvements."

Learn from a Lifetime Achiever

At UWS you will get the chance to work with staff at the forefront of their profession. One shining example of this is Dr Margaret Brown, Senior Lecturer and Depute Director of the Alzheimer Scotland Centre for Policy and Practice.

Margaret, who was awarded a Lifetime Achievement Award at Scotland's Dementia Awards 2016, is on hand to teach and support students studying at UWS across a range of undergraduate and postgraduate nursing programmes.

The award recognised Magaret's outstanding commitment, over 40 years, to the field of dementia and mental health care for older people. It came shortly after she completed her doctorate at UWS.

Margaret's doctoral research looked at ways to improve the quality of life for people with severe dementia.

"I looked at six case studies to build up a collective picture of care, and ways we could improve it," says Margaret. "While I found examples of really good care, deeper involvement of family and friends would enhance quality of life in the care home setting. A key finding is that there is a need for all staff to refocus and expand their knowledge about the fundamental aspects of care, such as eating and drinking and personal care. These are

absolutely crucial, and become more and more important in the later stages of the disease."

With caring for older people becoming an ever more essential part of a nurse's job, and 850,000 people diagnosed with dementia in the UK, there is a great demand for the skills and competencies gained through the programmes we offer. And who better to learn from than Margaret and her colleagues?

The pocket life-saver

SEPSIS

37,000

The number of people sepsis kills a year in the UK

Kevin Rooney, Professor of Care Improvement at UWS, is using new technology to battle the threat of sepsis, a life-threatening condition which arises when the body's response to infection injures its own tissues and organs. Sepsis kills 37,000 people a year in the UK, that's more than the combined toll for bowel, breast and lung cancer.

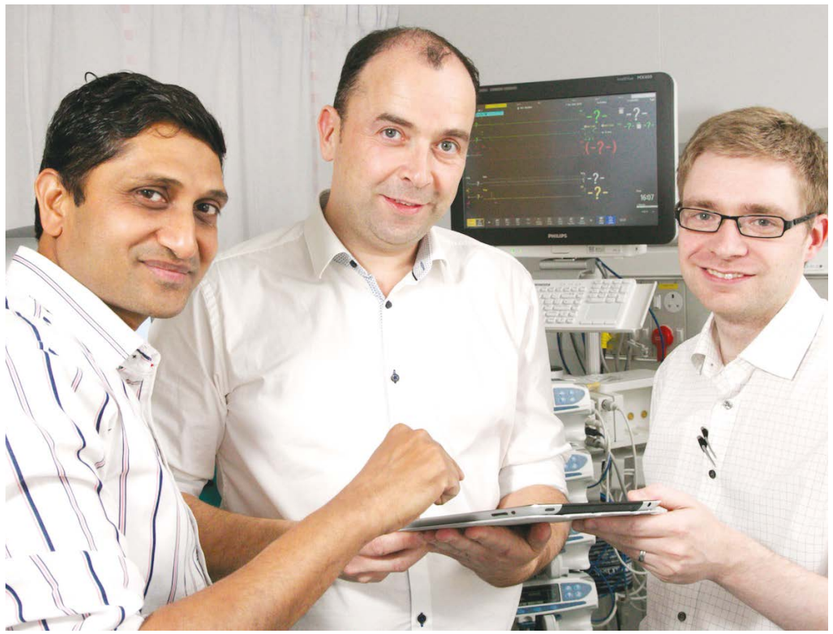
Professor Rooney says: "Every three to four seconds someone dies of sepsis. Our aim in NHS Scotland is to change that."

Now, in collaboration with NHS Greater Glasgow and Clyde and NHS Education for Scotland, Professor Rooney is doing just that, having developed an award-winning new Sepsis Screening Tool app.

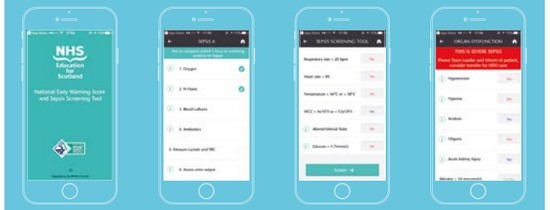
The app works by allowing the healthcare professional to document vital signs and calculates the predicted level of risk of deterioration for that patient. The app then screens for sepsis as a cause of deterioration and directs the clinician as to what treatment to give.

He says: "The app makes it easy to do the right thing for our patients and ensure that the right patient receives the right treatment at the right time." And the app, launched in 2014, is already proving itself, having contributed to a 20% drop in sepsis mortality. It's now also being used in England and Wales and overseas.

> **"My hospital work informs my teaching at UWS, and, in turn, my teaching informs my work."**



SEPSIS APP



Documents the vital signs of sepsis.

Calculates predicted level of risk of deterioration.

Then screens for sepsis as a cause of deterioration.

Directs clinician to correct treatment.

Students at UWS benefit from Professor Rooney's work, as do NHS Scotland from his role at UWS. "My hospital work informs my teaching at UWS, and, in turn, my teaching informs my work," he says.

THE RESULT:

20% ↓

Drop in Sepsis mortality

A CHANGING LANDSCAPE

18% AGED 65+

An ageing UK population

Increased demand for elderly care

UWS leading the way in dementia care

Nurses are moving from hospitals into communities & homes

ADULT/MENTAL HEALTH NURSING

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	MSc 2 years (full-time)	All theoretical modules are taught at Lanarkshire Campus

INTAKE:	CONTACT:
January	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

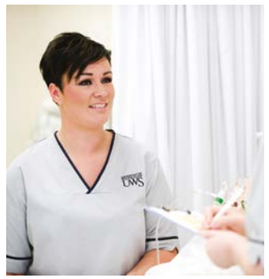
Detailed course content available at **uws.ac.uk/pg**

This exciting, innovative two year pre-registration course is the first of its kind in Scotland that is underpinned by Masters level education, enabling you to become a highly educated nurse with longer term potential for management, leadership, consultancy, educational and research roles.

The programme aims to prepare student nurses for professional registration, with key components including the delivery of person-centred care, compassionate care, values-based care, the patient safety agenda and professional, legal and ethical issues.

Practice learning experiences are available in one of five West of Scotland health boards: NHS Ayrshire and Arran; NHS Dumfries and Galloway; NHS Greater Glasgow and Clyde; NHS Lanarkshire, NHS Highland (Argyle and Bute), NHS Golden Jubilee National Hospital and The State Hospital. You will experience the 24 hour/7 day continuum of care which represents contemporary healthcare delivery, enhancing your clinical skills and integrating theory with practice. Students will also have the opportunity to participate in an overseas practice learning exchange programme such as Erasmus.

UWS produces nurses who are fit-for-practice and who will contribute to the leadership of a competent, dynamic workforce. Graduates secure employment within a range of healthcare areas.



ENTRY

Candidates must:

- possess an appropriate degree in a biological, health, social science, nursing or related subject
- provide a personal/employer reference
- provide an academic reference and formal university transcript
- demonstrate competency in literacy and numeracy
- undertake a successful selection process, health screening and Protection of Vulnerable Groups screening

Overseas applicants, in addition to the above, must complete the academic version of the British Council International English Language Testing System (IELTS) test and achieve at least 7.0 in the listening and reading sections, at least 7.0 in the writing and speaking sections and at least an overall score of 7.0 (NMC Circular 1/2007).

NB: This programme is approved by the Nursing and Midwifery Council (NMC). Graduates are eligible to apply for professional registration within their specific field.

ADVANCED CLINICAL PRACTITIONER

(Neonatal/Child/Adult/Mental Health[1])

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	MSc 18-24 months/3-5 years (full-time/part-time)	Online with some attendance required at Lanarkshire Campus

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This exciting new course provides an opportunity for you as a health or social care professional to explore the developing role of the Advanced Practitioner.

The course explores dimensions of advanced practice through the four pillars of Advanced Practice: Clinical Practice, Leadership, Facilitation of Learning and Evidence, and Research and Development, which are all threaded throughout the programme.

The programme's design adheres to educational principles which reflect the expertise of students and accommodates their motivation to learn. This will be achieved through distance and blended teaching and learning approaches that encourages the autonomous independent learner.

Through innovative assessment strategies, students will be encouraged to reflect on their learning and to share their experience further, providing an opportunity for inter-professional learning within the academic setting.

This programme will provide added value to students' employability and the scope to contextualise the advanced practice role in areas associated with their job i.e. within acute or community settings.

ENTRY

Applicants should normally possess a relevant health or social care-related degree or equivalent.

Relevant previous academic credit and/or prior learning may be considered.

Applicants may also be considered with other academic, vocational or professional qualifications deemed to be equivalent.

Normally minimum of 2-3 years clinical experience is required for entry. The applicant must have their employer's approval and support in writing to undertake this programme (subject to approval – currently under review).

Applicants must have the English language and literacy skills as per University guidelines or Nursing and Midwifery guidelines[2] (IELTS score of 7 or above) for work-based modules.

Skills and experience in information communication technology is also desirable.

[1] The Mental Health pathway is subject to final university approval - check our website for updates.

[2] Nursing and Midwifery guidelines can be found at **www.nmc-uk.org**

ADVANCING PRACTICE

(Nursing/Cancer and Palliative Care)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	MSc 3-5 years (part-time)	Online[3]

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

The course is relevant to all healthcare professionals and allows learning to be focused on your own area of practice.

In recent years a key focus within the NHS has been patient safety and with reports such as The Francis Enquiry (Francis, 2013) fuelling this issue, practice improvement has become a major theme in clinical practice. This theme is central to the course, which focuses on the development of skills in practice improvement methodology, enabling you to make a significant contribution to improving practice and providing quality care.

There is also the option to focus on modules relating to a specific practice area relevant to your role and in doing so add a named pathway to the MSc Advancing Practice award.

The specialist pathways available are: Nursing or Cancer and Palliative Care.

Gaining a qualification at Masters level supports career advancement. It also supports your personal development and can lead to PhD study. Graduates will develop high-level transferable skills including critical thinking, problem-solving, conceptual skills, enhanced critical reflection, communication of complex ideas, leadership, and decision-making skills, which will enhance employability.

ENTRY

Applicants should normally possess a relevant health or social care degree.

Other qualifications/experience –

- Consideration will be given to applicants who have gained their degree over five years ago, who continued further development in knowledge through postgraduate studies which would demonstrate currency in certified learning
- Applicants with relevant professional experience only will also be considered for entry to the programme on an individual basis
- An applicant must possess a relevant nursing, medical or allied health profession qualification
- An applicant choosing the Nursing pathway must possess a relevant nursing qualification

Required

Applicants will also be expected to provide:

- Copy of original academic transcript
- Satisfactory academic and personal references
- English language proficiency with candidates expected to achieve IELTS standard of 6.5 where English is a second language.

[3] The Advancing Practice (Nursing) option is also available full-time at London Campus.

100% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING

HESA performance indicator 2015/16

COGNITIVE BEHAVIOURAL THERAPY

(BABCP) Accredited Course LEVEL 2

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Pg Cert 1 year (part-time) Pg Dip 1 year (full-time[4]/part-time) MSc 3 years (part-time)	Paisley

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme offers training in Cognitive Behavioural Therapy (CBT) for mental health professionals who wish to use CBT in their practice.

CBT approaches and interventions are recognised as a major contributor to psychological treatment. This programme is suitable for a wide range of professionals such as nurses, social workers, occupational therapists, physiotherapists, doctors, psychologists and counsellors.

The Postgraduate Certificate provides foundational skills in CBT core models and interventions. This programme is suitable for any mental health worker wishing to use CBT interventions in their practice.

The Postgraduate Diploma is designed to meet all the requirements for British Association for Behavioural and Cognitive Psychotherapies (BABCP) accreditation. This is for students wishing to become fully accredited CBT therapists or high intensity workers. Students have the option to complete a third year dissertation module and exit with an MSc.

This is an exciting opportunity to train as a CBT therapist at a time when demand is high for these unique skills.

ENTRY

Bachelors degree from a UK university in a relevant subject (or equivalent overseas degree).

Non-native speakers need to provide evidence of proficiency in English (IELTS 7.0).

Applicants will normally be registered with a professional body, and have acquired two years post-qualification experience.

NB: Applicants are required to secure a placement for the duration of the programme, and may need to arrange for individual clinical supervision with a BABCP accredited or accreditable supervisor.

Students will attend one day per week, as well as have a required number of clinical hours and self–study each week.

[4] The full-time Pg Dip programme which is funded by and sponsored by NHS Education Scotland is available to NHS (students) employees only.

FORENSIC MENTAL HEALTH

SCHOOL:	DURATION[2]:	CAMPUS:
Health, Nursing & Midwifery	Pg Cert 1 year (part-time) Pg Dip 2 years (part-time) MSc 3 years (part-time)	Online

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Delivered jointly by UWS and the School of Forensic Mental Health this part-time programme is the only Scottish Masters programme specialising in forensic mental health. It offers a unique opportunity to advance your knowledge and enhance your skills.

Graduates will be equipped with the confidence to excel in any forensic mental health setting. The programme is designed for those who are currently, or who are looking to be employed in a forensic setting—such as a secure hospital, community based service for mentally disordered offenders, the Scottish Prison Service or Police Scotland. It is suitable for professionals with backgrounds in nursing, social care, psychology, occupational therapy, psychiatry, criminal justice and security.

Our innovative approach to learning and teaching ensures students benefit from the latest thinking and best practice. The programme is delivered online by a combination of experienced forensic clinicians and academic staff.

The programme is assessed using a range of different methods including: essay, case study, annotated bibliography, presentation, reflective diaries, treatment plan and peer review.

This qualification offers graduates the opportunity to pursue their career in forensic mental health. Those completing the programme will be equipped to apply for senior clinical roles and/or senior management positions in various settings including the community, secure hospitals and/or prisons.

ENTRY

Applicants should normally possess an appropriate undergraduate degree in a health (but not exclusively) related field.

Admission is permitted with relevant previous academic credit and/or prior learning. This will be in accordance with the University of the West of Scotland Regulatory Framework (Regulation 6.7, 2016/17).

Non standard entry: Applicants must demonstrate that they have sufficient professional or practice based experience to undertake their chosen study, for example, two years experience working in a mental health or forensic mental health context where they are required to provide written reports.

A potential progression route exists from the Short Forensic Module at New College Lanarkshire, Motherwell Campus and from the Graduate Certificate in Personality Disorder course at UWS. The one condition of students being accepted via these routes is a pass rate in excess of 60%.

[1] There is an expectation that the student will complete the MSc within a minimum of three years and a maximum of five years. In order to complete the course modules it is recommended that one day a week is required to fulfil study requirements.

GERONTOLOGY/GERONTOLOGY
(with Dementia Care)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Pg Cert 1 year (part-time) Pg Dip 2 years (part-time) MSc 3 years (part-time)	Online with optional classes at Lanarkshire Campus

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

The programme is aimed at a range of professionals with relevant experience and interest in working with older people and/or people living with dementia. It has been designed to have particular appeal to health and social care professionals and also those professionals who are working in the third sector (i.e. for charities, voluntary organisations and social enterprises).

Current students include occupational therapists, integrated discharge facilitators, care home and assistant care home managers and charge nurses.

The MSc in Gerontology aims to develop the knowledge, skills and confidence of all its participants by introducing debate around our understanding of ageing, the impact of shifting demographics and the integration and globalisation of health and social care.

The MSc in Gerontology (with Dementia Care) has similar aims but the focus of this pathway is on the care of people living with dementia, and their care priorities as it advances.

The programme and pathway are both designed to equip students with an in-depth knowledge in order to allow them to utilise leadership and planning skills to promote evidence informed approaches to meeting the needs of our ageing population.

These part-time postgraduate programmes are aimed at an internationally diverse audience of health, allied health, social care, policy and social work professionals. The teaching team have national and international profiles in research and education related to both dementia care and older peoples' studies and will bring this experience into all their teaching and learning activities.

ENTRY

Normally candidates are expected to hold a first degree. Applications are welcomed from graduates from all relevant disciplines with experience and/or an interest in older people and their health and social care provision. Students who have completed the UWS Graduate Certificate in Working with Older People will also be considered.

Students who have already gained credit at Level 11 may transfer this in certain circumstances; this will be considered on an individual basis.

Prior learning and prior experiential learning may also be considered for entry on an individual basis.

GLOBAL PRIMARY CARE MANAGEMENT

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	MSc 1 year/ 3-5 years (full-time/part-time)	London (full-time only), online (part-time only)

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

The programme is focussed on improving population health status by integrating elements of traditional 'health' and business thinking. It aims to encourage creativity and innovation, to develop wider systems thinking and to generate sustainable and measurable changes in primary care systems and/or services in target populations. The programme benefits greatly from the unique blending of expertise from two Schools at UWS (School of Health, Nursing & Midwifery and the School of Business & Enterprise) in creating a new type of graduate.

Students from this programme will have the capacity to make transformational changes in some of the world's most disadvantaged communities and populations through developing systems of primary care by combining creativity and strategy with evidence-based thinking in healthcare.

The programme will offer enhanced employability prospects within primary care and associated health systems. In particular, graduates will be equipped to establish new primary care systems where little or no system exists, including (should they choose various options) many of the wider issues associated with sustaining these systems and improving population health as a result.

ENTRY

Candidates must be able to satisfy the general admission requirements of University of the West of Scotland. Applicants should normally possess an appropriate undergraduate degree in, for example but not exclusively, a health or a business related field.

HEALTH STUDIES

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	MSc 1 year/3-5 years (full-time/part-time)	London (full-time only), online (part-time only)

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme offers health and social care professionals the opportunity to build upon their knowledge and develop the skills and expertise requirements of senior health and social care professionals.

Healthcare is evolving, placing an emphasis on the integration of health and social services to become more client-focused. You will enhance your existing skills base to develop academically and professionally and become an effective strategic leader.

The programme consists of core and option study modules set within a framework of inter-related themes including: contemporary issues; role enhancement; and evidence-based practice. Modules reflect relevant contemporary issues for healthcare professionals and are mapped against the core and specific dimensions of the NHS Knowledge and Skills Framework. These are equally applicable to many professional and organisational groups. You will also have the opportunity to study areas of particular interest.

The Postgraduate Certificate requires students to complete 60 credits i.e. one core and two option modules. Postgraduate Diploma students must complete a further 60 credits – two core and one option module. MSc students must also complete a Research and Enquiry Dissertation module – 60 credits. To gain the award of MSc Health Studies, students must complete 180 credits.

UWS graduates enjoy enhanced employability prospects within areas including health improvement and public health; health, nursing and midwifery; and management in the health and education sectors. Graduates have secured promotion as nurse consultants and others have taken up posts as university lecturers or developed lead roles within their organisation. Students may undertake further study within UWS e.g. PhD and Professional Doctoral studies.

ENTRY

The programme is aimed at health and social care professional graduates or those with substantial professional experience at a senior level. Applications are welcome from a wide range of backgrounds such as nursing, midwifery, health improvement, ambulance service, social work, allied health professionals and third sector professionals.

You will normally have a first degree or demonstrate significant relevant senior management experience in a health-related area.

Applicants must have the English language and literacy skills as per university guidelines or Nursing and Midwifery guidelines[2] (IELTS score of 7 or above) for work-based modules.

[2] Nursing and Midwifery guidelines can be found at **www.nmc-uk.org**

100% OVERALL STUDENT SATISFACTION

Postgraduate Taught Experience Survey 2017

HEALTH STUDIES
(Family Health)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	MSc 3-5 years (part-time)	Online

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Healthcare delivery is evolving to meet the needs of clients, families and communities. With an emphasis on integration within the health and social care services, this online programme focuses on the complexities of working with families in the community and the promotion of case management skills required to achieve excellence in care.

The programme recognises the increasing development of community healthcare delivery, addressing a gap in the educational needs of practitioners currently working within the diverse areas of health and social care. It also examines the global health challenges of an increasingly ageing population and the complexity that multi-morbidity of non-communicable disease presents. You will explore the significant health challenges of smoking, alcohol, widespread obesity and the associated impact on health resources.

The programme presents a real opportunity for students to explore current and alternative ways of working within family health, whilst building on existing knowledge and expertise through the development of strategic critical thinking.

There are core, option and independent study modules. The Postgraduate Certificate requires students to complete 60 credits; two core and one option module. Postgraduate Diploma students must complete a further 60 credits; two core and one option module. For the MSc you must complete a Research and Enquiry Dissertation module (60 credits). To gain the award of MSc Health Studies (Family Health) students must complete 180 credits.

This qualification offers a variety of career opportunities and destinations. Graduates work in various health-related fields including community health and social care, health improvement, public health, and practice development and management.

ENTRY

Applicants should normally possess a relevant health-related degree or equivalent.

Relevant previous academic credit and/or prior learning will also be considered.

Applicants may also be considered with other academic, vocational or professional qualifications deemed to be equivalent.

Applicants must have the English language and literacy skills as per University guidelines or Nursing and Midwifery guidelines[2] (IELTS score of 7 or above) for work-based modules.

Skills and experience in information communication technology is also desirable.

[2] Nursing and Midwifery guidelines can be found at **www.nmc-uk.org**

NB: For details of the MSc Health Studies see page 87.

LEADING PEOPLE-CENTRED INTEGRATED CARE

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	MSc 3-5 years (part-time)	Online

INTAKE:	CONTACT:
January	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This exciting and innovative new programme will build on our expertise gained through the delivery of our undergraduate programmes in Integrated Health and Social Care (see page 96). It will benefit from our strong links with International Foundation for Integrated Care, NHS Education for Scotland, the Alliance, IRRIS, NHS Health Boards, Health and Social Care Partnerships, Integrated Joint Boards and SSSC.

The programme aims to critically explore the concept of outcomes based, people-centred, integrated care from an individual, service and organisational perspective; develop a critical awareness of the important role of contextual, cultural and socio-economic factors in improving population health and wellbeing outcomes; enhance skills and confidence in planning, designing, implementing and evaluating people-centred integrated care; and nurture compassionate, creative and, courageous leadership behaviours to support transformational change and improve outcomes with people.

The programme is suitable for those working in the cross-sectoral fields within health and social care across the public, private and voluntary sectors in either clinical, administrative or support roles.

ENTRY

Candidates must be able to satisfy the general admission requirements of University of the West of Scotland. Applicants should normally possess a relevant undergraduate degree and be working within a relevant field of practice

MENTAL HEALTH PRACTICE

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	MSc 3-5 years (part-time)	Online with optional classes at Paisley Campus

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme develops your skills to work at advanced levels as a clinical expert, manager or educator in settings where distress arising from mental ill health is an influence on outcome.

Designed for nurses, occupational therapists, physiotherapists, social workers and other professional groups working with mental ill health, this programme will develop your practice and knowledge in therapeutic skills, leadership or education. You will choose one of these three pathways prior to starting the programme, aligning your study with your career aspirations.

Study demands are flexible as all materials and tutorials are online.

To facilitate peer support there are optional on-campus and online meetings, meaning there are only between four and five mandatory participation times for each module.

Graduates may pursue management, educational and clinical leadership roles in practice, and also in research and education.

PROGRAMME TASTER OPPORTUNITY

Three of the modules on this programme are open for standalone study and students can choose one of them as a taster for both the programme and for MSc level study. The modules, Leadership for Mental Health, Therapeutic Skills for Mental Health and Education for Mental Health, are the pathway specific modules for this programme and successful completion would allow students the option of transferring credit for them should they decide to join the full programme.

ENTRY

Applicants must have a professional background and be working within environments where mental ill health is a determinant on client outcome. They will need an identified workplace supervisor and a supportive manager to assist them across the duration of the programme.

Applicants must also have a relevant first degree or equivalent qualification at SCQF Level 9 (i.e. Graduate Certificate in Acute Care) normally within the past five years and have a command of current, evidenced-based knowledge within their chosen subject.

Consideration will be given to applicants who have a degree in a related topic or who have gained their degree several years ago where continued further development in knowledge through postgraduate studies would demonstrate currency in certified learning, at the discretion of the Programme Leader.

English language proficiency with candidates expected to achieve IELTS standard of 6 (with no less than 5.5 for each component).

100% OF MENTAL HEALTH PRACTICE STUDENTS WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

MIDWIFERY
(Leading to professional registration)

Nursing & Midwifery Council

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	MSc 3-5 years (full-time)	Lanarkshire

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This innovative and dynamic three-year midwifery programme will enable you to become a highly educated midwife with the potential for management, leadership, consultancy, educational and research roles.

Within the next decade, there will be new challenges and opportunities for midwives to develop their roles as practitioners, partners and leaders in delivering and shaping future maternity services (Scottish Government, 2017). This programme will give you the education and skills to embrace this challenge.

The course is approved by the Nursing and Midwifery Council (NMC). Graduates are eligible for registration as a registered midwife with the NMC.

The programme comprises 50% practice and 50% theory. Practice placements are available throughout NHS Greater Glasgow & Clyde; NHS Ayrshire and Arran; NHS Lanarkshire; NHS Highland; and NHS Dumfries and Galloway. There is at least one placement outwith the acute maternity sector in a community midwifery unit.

You will be equipped to consider postdoctoral studies, project management and leadership, postgraduate teaching and learning, and specialist consultant clinical midwifery roles.

ENTRY

Candidates must:
- Possess a first degree
- Provide a personal/employer reference
- Provide an academic reference and formal university transcript/ certificate
- Provide a statement of support (max 500)

Entry is also dependent on the following successful screening: health screening; Protection of Vulnerable Groups; and personal interview.

Further desirable skills pre-application: communication/ interpersonal skills; ability to work as part of a team; IT literate; research literate; driving license; previous work experience in a caring/health environment; and evidence of research theory/ activity.

All applicants must satisfy NMC entry requirements as per NMC Standards for pre-registration midwifery education.

Overseas applicants, in addition to the above, must complete the academic version of the British Council International English Language Testing System (IELTS) test and achieve at least 7.0 in the listening and reading sections, at least 7.0 in the writing and speaking sections and at least an overall score of 7.0 (NMC Standard 4.2, 2009).

NB: Check the website for details of modules and exit awards for each year of this programme.

OTHER STUDY OPTIONS

The School has a range of programme study options that attract considerable interest from professional practitioners who work across a wide range of disciplines in health and social care including the police, the military, unscheduled care, public health, social work, education and the third sector. The programmes offer specific subject related knowledge for people working in their chosen career paths and helps them develop greater theoretical knowledge related to their field of practice.

CHILD PROTECTION

(Postgraduate Certificate)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Pg Cert 9 months (part-time)	Online with some attendance required[1]

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Recognising the increasingly high-profile nature of child protection issues requiring an integrated multi-agency service response, this programme has been specially designed for practitioners working in health, police, social work, education and voluntary third sector settings.

Protecting our children is at the very heart of society and the individuals and teams who carry out these rewarding and challenging roles make a vital contribution to the safety and well-being of present and future generations. This programme will enhance your existing skills in this sector and prepare you for a more senior specialist career.

You will have the opportunity to critically explore theoretical frameworks, research, and practice issues across professional and disciplinary boundaries in a multi-agency practice environment. You will also develop a child-centred perspective in addressing the protection of children and young people.

Graduates will be equipped to take on specialist child protection roles or be promoted to senior child protection roles within their agencies such as nurse consultant, social work team manager, child protection lead officer or child protection advisor.

ENTRY

Candidates should normally have a degree, although those with significant practice experience will be considered for entry. All applicants must be able to draw from current practice experience in order to meet the programme's assessment requirements. If required the Programme Leader would be happy to discuss this aspect with prospective applicants prior to submitting an application. Please ensure you have requested full details from the Programme Leader prior to submitting an application.

[1] Attendance at Lanarkshire or Paisley campuses.

100% OVERALL STUDENT SATISFACTION

Postgraduate Taught Experience Survey 2017

100% OF CHILD PROTECTION STUDENTS WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

PUBLIC HEALTH NURSING OPTIONS

(Health Visiting/School Nursing/Occupational Health) (Postgraduate Diploma)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Pg Dip 1 year/ 2 years (full-time /part-time)	Various[2]

INTAKE:	CONTACT:
January - School Nursing option September - Health Visiting or Occupational Health options	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme will enable first level nurses and midwives to obtain both an academic qualification and a professional qualification in Public Health Nursing – Health Visiting, School Nursing, or Occupational Health.

The programme is validated by the Nursing and Midwifery Council (NMC) and has been developed in line with the Standards of Proficiency for Specialist Community Public Health Nurses (NMC 2004).

Core modules include:

- Responding to Public Health Challenges
- Research Methods for Health and Social Care
- Leadership for Effectiveness
- Consolidation of Practice

There will also be discipline specific modules depending on your choice of qualification.

Following completion of the Postgraduate Diploma with professional registration students who meet the eligibility criteria can undertake the Research and Enquiry Dissertation module to receive a Masters degree. See our website for details.

Graduates can seek challenging and rewarding careers as health visitors, school nurses, or occupational health practitioners.

ENTRY

Applicants must be registered as a first level Nurse on part 1 or Midwife on part 2 of the NMC professional register. Applicants who can evidence successful completion of their pre-registration nursing education course and who have applied for NMC registration can be admitted to the course.

Applicants will normally be educated to degree level. Admission is permitted with relevant previous academic credit and/or prior learning in accordance with the University's Regulatory Framework.

Applicants must have the language and literacy skills to understand and use the written materials utilised in the learning and teaching of the course and be able to communicate clearly and accurately in spoken and written English as per University guidelines or Nursing and Midwifery guidelines (IELTS score of 7 or above) for practice-based placements.

[2] Health Visiting option: Attendance at Lanarkshire Campus and in partnership with NHS Scotland Health Boards.

School Nursing option: Blended learning with some attendance at Paisley Campus.

Occupational Health option: Includes practice-based experience - part-time only.

SPECIALIST PRACTITIONER

(District Nurse) (Postgraduate Diploma)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Pg Dip 1 year/2 years (full-time/part-time)	Blended learning with some attendance at Paisley and Lanarkshire campuses

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

The programme comprises 50% theory and 50% practice. Students will be assessed in practice by a Practice Teacher or an experienced District Nurse who is a sign off mentor.

The programme consists of six core modules some of which are discipline specific and others which are shared. The shared learning with a variety of disciplines provides a highly effective experience and contributes to the overall strength of the programme. All modules provide new knowledge, understanding and skills needed for contemporary district nursing practice.

A variety of learning and teaching approaches are utilised within the programme which ensures nurses are equipped to become safe and competent specialist practitioner district nurses.

On completion of this programme students will have developed a significant range of new knowledge, understanding and advanced skills needed for contemporary district nursing practice and leads to the academic award of Postgraduate Diploma and the professional recordable qualifications of 'Specialist Practitioner District Nursing' and 'Nurse Independent / Supplementary Prescriber'.

This programme will prepare graduates for a demanding and rewarding career as a Specialist Practitioner in District Nursing.

ENTRY

Applicants must be registered as a first level Nurse on Part 1 of the NMC professional register and have a first degree.

As the programme includes non-medical prescribing, applicants must have at least three years' post registration experience which includes the final year working in the community. The candidate must have the support of their employing organisation. Applicants must identify a designated medical practitioner (DMP) who can provide a minimum of 78 hours of supervision and who meets the criteria for supervising students on the Prescribing in Advanced Practice module (NMC, 2006).

As the programme includes the Assessment and Decision Making in Advanced Practice module, applicants must have obtained agreement from an experienced practitioner or Advanced Nurse Practitioner to act as a clinical supervisor.

Candidates must have the support of a Practice Teacher or an experienced District Nurse who is a sign off mentor.

Competitive entry requirements necessitate the need for a written assignment and an interview. Interviews will be conducted in partnership and collaboration with key stakeholders.

100% OVERALL STUDENT SATISFACTION

Postgraduate Taught Experience Survey 2017

ACUTE AND CRITICAL CARE
(Graduate Certificate)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Graduate Certificate 1 year (part-time)	Online

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme is ideal for those wishing to enhance their knowledge and skills in acute and critical care delivery.

The Graduate Certificate Acute and Critical Care is a theoretical programme for those nursing and allied health professionals working within the areas of acute and critical care. Programme design complements the Comprehensive Critical Care Strategy and will equip students with the skills of personal development planning, reflective practice and theoretical knowledge to enhance clinical skills.

Programme themes include the assessment of the acutely and critically unwell adult, alongside management and treatment strategies applied to acute and critical illness. You will critically explore the issues surrounding acute and critical care from a national perspective whilst enhancing and developing your role in assessing and caring for patients that require varying degrees of monitoring and organ support.

Students on this course should be employed within the areas of acute or critical care.

The Graduate Certificate consists of three modules; each credit rated 20 points at SCQF Level 9. The modules are; Foundations of Acute and Critical Care, Advanced Interventions for Acute and Critical Care and Independent Study for Professional Practice.

ENTRY

Candidates must be able to satisfy the general admission requirements of University of the West of Scotland as specified in Section 6 of the University Regulatory Framework together with the following programme requirements:

- Candidates must be appropriately registered practitioners e.g. registered with the Nursing and Midwifery Council (NMC) or the Health Care Professions Council (HCPC).
- For international students undertaking this course as part of an international cohort, you must be able to demonstrate current professional registration from the country in which you practice.
- All candidates must be employed within an acute and/or critical care environment.

ACUTE MENTAL HEALTH CARE
(Graduate Certificate)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Graduate Certificate 1 year (part-time)	Online

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme is ideal for those who care for people with mental health issues but have had no specific acute mental health education and would like to be able to offer person-centred, recovery focused care. It will expand your knowledge, and develop a greater understanding of acute mental health.

This programme will be of interest to nursing and allied health professionals working within the areas of acute mental health care. The programme will assist you to develop enhanced skills and knowledge in psychosocial interventions, physical health care, medication concordance, clinical supervision, currency of practice, practice improvement and writing for publication.

There is a strong focus on learning by action. You will investigate evidence-based subjects that will enhance the delivery of care to people requiring acute mental health care as an inpatient or within primary care settings. There is a commitment throughout the programme to ensure the person experiencing acute mental health issues, is firmly at the heart of the curriculum.

The programme is designed to develop confidence in graduate skills and to enhance care delivery. The content of the programme reflects the breadth and depth of knowledge, skill and understanding needed to effectively work with people requiring acute mental health care.

Graduates are equipped with the practice skills necessary to make a major contribution to this challenging area within mental health care. They will also display enhanced interpersonal attributes that are essential for those wishing to develop their careers in roles within Prison and Police Custody Healthcare, Unscheduled Care, or as a Nurse Practitioner.

ENTRY

Candidates must be able to satisfy the general admission requirements of the University of the West of Scotland, as specified in Section 6 of the University Regulatory Framework together with the following programme requirements:

- Candidates must be appropriately registered practitioners e.g. registered with the Nursing and Midwifery Council (NMC) or the Health Care Professions Council (HCPC).
- For international students undertaking this programme as part of an international cohort, you must be able to demonstrate current professional registration from the country in which you practice.
- It is desirable that you care for people with Acute Mental Health Care needs.

MANAGING RESPIRATORY DISORDERS
(Graduate Certificate)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Graduate Certificate 1 year (part-time)	Online

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme is ideal for those who care for people who experience acute, chronic and/or end stage respiratory disease. It will enhance and develop your own knowledge base in order that you can apply evidence based care, treatment and management for those people living with respiratory disorders.

This programme provides a focused, credit bearing qualification for nursing and allied health professionals. It provides an opportunity for you to develop critical awareness, knowledge and understanding of the care needs of people living with respiratory disorders. Additionally, you will be able to develop your knowledge in applying evidence based care in the treatment and management of people with respiratory disorders, including interpreting and applying local, national and international policies and guidelines for respiratory care.

You will be offered an opportunity to develop specialised knowledge about the care and support needs of people with a respiratory disorder, their families and carers. Further, it is envisaged that by evidencing your learning, this programme of study will enable you to develop and enhance care services within the field of managing respiratory disorders.

There are various career opportunities in the field of respiratory care including practice nursing, specialist nursing roles within primary or secondary care, and advanced practice roles.

The Graduate Certificate consists of three modules (two core and one option); each credit rated 20 points at SCQF Level 9. The core modules are Respiratory Care and COPD Diagnosis and Management and then you will be able to choose one from the following: Asthma: Diagnosis and Treatment or Independent Study for Professional Practice.

ENTRY

Candidates must be able to satisfy the general admission requirements of University of the West of Scotland as specified in Section 6 of the University Regulatory Framework together with the following programme requirements:

- Candidates must be appropriately registered practitioners e.g. registered with the Nursing and Midwifery Council (NMC) or the Health Care Professions Council (HCPC).
- For international students undertaking this course as part of an international cohort, you must be able to demonstrate current professional registration from the country in which you practice.

NEONATAL NURSING
(Graduate Certificate)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Theoretical and clinical components of the programme will normally be completed within 1 year (part-time study)	Lanarkshire

INTAKE:	CONTACT:
January	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme prepares you to critically explore the management of the ill neonate in a variety of settings in order to develop and expand your role within the field of neonatal care.

This programme is designed for practitioners registered with the Nursing and Midwifery Council (NMC) and who are currently employed within the field of neonatal nursing.

It has been developed to provide a standardised level of professional competence and academic accreditation for neonatal nurses. It incorporates the competencies of Matching Knowledge and Skills for Qualified in Speciality (QIS) Neonatal Nurses (April 2012). The programme consists of three SCQF Level 10 modules, normally undertaken over six months – one year: Special Care Neonatal Nursing; Neonatal Intensive Care/High Dependency; and Neonatal Work-based Learning.

Graduates will be able to further develop professionally within neonatal nursing, mapping their continuing professional development to the Health Career Framework and Knowledge and Skills Framework (KSF). Following at least a two year period of being qualified in specialty, staff may undertake an MSc in Advanced Neonatal Practice.

ENTRY

All applicants will normally possess a degree or equivalent.

Candidates without a degree will be considered utilising the UWS Recognition of Prior Learning policy.

Candidates must have a minimum of six months current experience in the field of neonatal care.

PALLIATIVE CARE
(Graduate Certificate)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Graduate Certificate 1 year (part-time)	Online

INTAKE: September

CONTACT: Applicant Enquiry Team
0800 027 1000 (44 141 849 4101 outwith UK)
ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme is ideal for those who provide care for people with life-limiting illnesses in primary, secondary or tertiary care and help families and carers cope with loss and bereavement. It will provide graduates with a recognised qualification in palliative care.

The programme will also be of interest to professionals working in general palliative care settings looking to enhance their knowledge and understanding of the principles and practices of palliative care related to a wide range of patients and their families. The programme aims to develop your knowledge and skills to provide evidence based holistic, palliative care to those who require it, regardless of place of care or diagnosis.

By the end of the programme students will be able to systematically and critically assess palliative care needs and to analyse these in relation to current clinical practice. The programme is aimed at experienced health and/or social care professionals who care for people, both adults and children, with life-limiting illnesses in primary, secondary and tertiary care.

Successful completion of this programme will allow students to meet government standards for those working in hospices (e.g. NHS Education for Scotland 2017) as well as enabling local health authorities to meet their obligations in relation to national and international standards of palliative care provision (e.g. World Health Organisation 2014).

The Graduate Certificate consists of three core modules, each credit-rated 20 points at SCQF Level 9 – Living and Dying Well; Person-Centred Palliative Care; and Non-Malignant Conditions.

This award offers professionals the opportunity to gain skills in palliative care which could support a move into a more specialised role within dedicated palliative care services. Further study options are also available.

ENTRY

Candidates must be able to satisfy the general admission requirements of University of the West of Scotland as specified in Section 6 of the University Regulatory Framework together with the following programme requirements:

- Registration on Part 1 of the Professional Register of the Nursing & Midwifery Council (NMC) or equivalent professional body.
- For international students undertaking this course as part of an international cohort, you must be able to demonstrate current professional registration from the country in which you practice.
- Applicants may also be considered with other academic, vocational or professional qualifications deemed to be equivalent. The Programme Leader will be responsible for ensuring that such students who are admitted to the programme have the appropriate academic skills.

PERSONALITY DISORDER
(Graduate Certificate)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Graduate Certificate 1 year (part-time)	Lanarkshire

INTAKE: September

CONTACT: Applicant Enquiry Team
0800 027 1000 (44 141 849 4101 outwith UK)
ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme provides a focused qualification in working with people who have a diagnosis of personality disorder.

This programme will give you the opportunity to develop specialised knowledge about the needs of people with personality disorder in a variety of settings. You will extend your knowledge, understanding and skills to support and meet the needs of the challenging experiences faced by people who are often stigmatised, isolated and rejected by society.

You will be taught by lecturers with a wide range of knowledge about personality disorder from diverse perspectives. In addition, an important contribution will be made from clinical experts in the School of Forensic Mental Health and the health sector across Scotland.

You will study three modules at SCQF Level 9: Theory of Personality Disorder; Risk Assessment and Risk Management; and Interventions and Strategies.

Graduates of this programme will have broadened their knowledge of personality disorder and enhanced their professional credentials particularly for those in the community or forensic mental health settings, as well as criminal justice social workers and mental health practitioners working in the Scottish Prison Service or police custody settings.

ENTRY

Candidates will normally be educated to degree level or equivalent. Applicants may also be considered with other academic, vocational or professional qualifications.

SEXUAL AND REPRODUCTIVE HEALTH
(Graduate Certificate)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Graduate Certificate 5 months (part-time)	Paisley

INTAKE: September

CONTACT: Applicant Enquiry Team
0800 027 1000 (44 141 849 4101 outwith UK)
ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Combining theory and practice placements, this programme offers registered nurses and midwives the opportunity to study sexual and reproductive health theory and apply new knowledge and skills to clinical practice.

The programme consists of two modules; Sexual and Reproductive Health (40 SCQF L9 credits) and Sexual and Reproductive Health Practice (20 SCQF L9 credits). Sexual and Reproductive Health is a theoretical module taught on campus by clinicians covering a wide range of topics such as contraception, breast awareness, cervical screening, sexually transmitted infections, partner notification and public health. Sexual and Reproductive Health Practice is delivered within NHS Health Board Sexual Health Services and allows students the opportunity to apply theory to clinical practice under supervision. Clinical placements will be allocated to the student by the health board and the minimum requirement is 50 hours.

The programme is suitable for nurses, midwives, health visitors, school nurses, practice nurses and prison nurses with an interest in sexual and reproductive health. New knowledge and skills gained by graduates can be applied to sexual and reproductive healthcare practice in a variety of settings such as primary care, schools, gynaecology, midwifery, youth clinics, and specialist sexual health services. Successful completion of the programme may enhance employment opportunities in these areas of healthcare.

ENTRY

Candidates must be registered nurses or midwives on either parts 1 or 2 of the NMC professional register with two years' post-registration experience.

UNSCHEDULED CARE
(Graduate Certificate)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Graduate Certificate 1 year (part-time)	Online

INTAKE: September

CONTACT: Applicant Enquiry Team
0800 027 1000 (44 141 849 4101 outwith UK)
ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme is ideal for those who work in an unscheduled care environment such as out of hours services, remote and rural health care, practice nursing, police custody or the prison service. It will expand your knowledge, develop a greater understanding of unscheduled care and enhance care delivery.

The programme is vocationally relevant and complements the strategic development of unscheduled care in line with the NHS National Out of Hours and Unscheduled Practice Agenda. Programme content includes theory and competency development in the areas of clinical assessment, common presentations of illness, and minor injuries.

You need to ensure that you have line management support and a clinical supervisor from your area of practice, to supervise and assess clinical competency, as the work-based learning and achievement of competency occurs within your own area of practice. Therefore, by undertaking this programme, you will continue to enhance and develop the educational and clinical competencies required to practice in this area.

The Graduate Certificate consists of three modules (one core and two options); each credit rated 20 points at SCQF Level 9. The core module is Clinical Assessment and you are able to choose two from the following: Common Presentations, Minor Injuries or Independent Study for Professional Practice.

Previous students have developed their role as out-of-hours nurse practitioners, have gained promotion within the unscheduled care environment or developed into advanced practice roles. Our armed forces students often successfully gain pay/career enhancement on successful completion of the programme.

ENTRY

Candidates must be able to satisfy the general admission requirements of University of the West of Scotland, as specified in Section 6 of the University Regulatory Framework together with the following programme requirements:

- Candidates must be appropriately registered practitioners e.g. registered with the Nursing and Midwifery Council (NMC) or the Health Care Professions Council (HCPC).
- Candidates must normally be able to demonstrate that they are employed in an Unscheduled Care environment within United Kingdom Jurisdiction, where the clinical competencies can be achieved, as this is a large component of the assessment strategy utilising work-based learning. This would be clarified and confirmed as being suitable by the Programme Leader.
- All prospective students must have line management support and a clinical supervisor from their area of practice to supervise and assess clinical competency where required.
- For international students undertaking this programme as part of an international cohort, you must be able to demonstrate current professional registration from the country in which you practice.

"This programme has allowed me to expand my knowledge and apply theory to real life clinical situations."

CHRIS KELLY

ADVANCED NURSE PRACTITIONER

INTEGRATED HEALTH AND SOCIAL CARE/INTEGRATED HEALTH AND SOCIAL CARE WITH ADMINISTRATION (2nd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	BA Hons 3 years/6 years (full-time/ part-time)	Paisley

INTAKE:	CONTACT:
September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

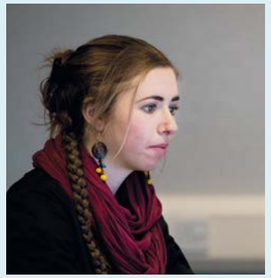
Detailed course content available at **uws.ac.uk/pg**

This programme is designed for those who wish to build a career within health and social care working in the public, private and third sectors. It will open up career paths in a range of diverse areas, including local councils, health boards, other local and national government agencies, charities and social enterprises.

This programme will develop your ability to provide a seamless, integrated, person-centred service across health, social care and administrative services, that positively affects the people requiring your service, your colleagues and the communities you work in. The programme will provide you with the graduate skills required within this evolving and exciting sector to improve the outcomes for people using health and social care services. Some of the skills include: self-awareness and reflection, critical thinking, leadership, quality improvement strategies and developing an appreciation of the evidence base and political factors that underpin the integration agenda from a national and international perspective.

These programmes recognise that to support lifelong learning within the field of health, social care and administration, relevant work experience is crucial for your career development and to facilitate this you will undertake work-related learning in an area you are currently employed or volunteer in[1].

The programme will also open opportunities for further study in a variety of areas.



ENTRY

Integrated Health and Social Care
YEAR 2

SQA HNC-D or BTEC Level 4-5 HNC-D: Social Services; Social Care; Care & Administrative Practice (Clinical route); Working with Communities; Counselling; Early Education and Childcare; or relevant other disciplines

Integrated Health and Social Care with Administration
YEAR 2

SQA HNC-D or BTEC Level 4-5 HNC-D: Administration and Information Technology; Care & Administrative Practice (Non Clinical / Admin route); or relevant other disciplines

Application
Applications are made through UCAS. UCAS code L430/L431. The UWS institution code is U40.

[1] It is the responsibility of the student to secure employment or a volunteering role in a relevant area.

NB: A part-time option is available for this programme.

NURSING STUDIES
(3rd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	BSc Hons 2 years	Paisley

INTAKE:	CONTACT:
January, May & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

The programme is aimed at those who wish to enhance their career in nursing. It will enable you to respond to the changing health needs of the people and populations you encounter in solution-focused and innovative ways.

You will become a graduate with in-depth knowledge of contemporary nursing professional practice. The programme will create opportunities and challenges for students to understand and evaluate professional issues to ensure safe, effective, person-centred and compassionate nursing care. Students will develop analytical knowledge and skills in interpreting the role of nursing in different social economic environments.

This course is designed to enhance your professional career, helping you develop greater critical awareness of the factors that need to be addressed in the workplace to improve the health of your clients/patients/residents. It is aimed at encouraging you to develop a proactive attitude to addressing health and nursing-related issues. Graduates will develop and advance their career opportunities in nursing leadership and clinical practice.

ENTRY

YEAR 3

Applicants will have a professional nursing qualification recognised by the regulatory nursing organisation in their country of origin.

Application
Applications are made through UCAS. UCAS code BB70. The UWS institution code is U40.

NB: A part-time option is available for this programme which can be studied online.

PROFESSIONAL HEALTH STUDIES
(3rd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	BSc Hons 2 years	London, Paisley[2]

INTAKE:	CONTACT:
Paisley - September London – January, May and September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme will enable you to build a career in health and social care in roles such as project manager, patient advice and service officer, bereavement officer, and senior clinical support worker. It aims to enhance your professional career, helping you develop greater critical awareness of the factors that need to be addressed in the workplace to improve the health and wellbeing of your clients/ patients/residents.

The programme consists of modules relevant to modern healthcare practice and you will develop critical and analytical problem-based learning skills as well as transferable skills which reflect the demands made of today's healthcare professionals.

Graduates will find employment in a range of health and social care environments within the NHS, independent organisations and the charitable sector. The programme may also provide a pathway to an accelerated programme leading to a nursing or other professional qualification.

ENTRY

YEAR 3

SQA HND / BTEC Level 5 HND: Relevant discipline in Health and/ or Social Care

Entry to Year 4 may be possible for those holding a Bachelors degree in health and social care. Contact ask@uws.ac.uk for more info.

Application
Applications are made through UCAS. UCAS code L5T3. The UWS institution code is U40.

[2] There is a part-time option available via online study.

"KNOWLEDGE WILL BRING YOU THE OPPORTUNITY TO MAKE A DIFFERENCE"

SCIENCE

100%

GRADUATES[1] IN WORK/ FURTHER STUDY 6 MONTHS AFTER GRADUATING[2]

[1] Graduates from the School of Science & Sport
[2] HESA Performance Indicator 2015/16

Our hands-on courses have been developed in collaboration with industrial, professional and educational partners to enable you to make a real world impact in the science industry.

Our growing portfolio of postgraduate courses integrate biological, biomedical and behavioural approaches to improve our environment. We have extensive industry links and contributions to our programmes that result in excellent employment opportunities for our students.

#scienceandsportfortherealworld

Our programmes

Our programmes have been designed to create flexibility and you can choose a January or September start or include an additional trimester of work-based study or research. This provides you the opportunity to study for a full-time Masters over one or two years. Part-time study is also available.

The School is currently conducting market research into a number of potential new programmes to add to our portfolio – keep an eye on our website for updates.

Professional recognition

Where appropriate our courses are accredited or recognised by leading professional bodies such as the Institute of Biomedical Science, Association for Project Management and the Chartered Institution of Wastes Management.

Practical experience

All of our programmes offer opportunities to gain valuable work experience working in industry/research as an additional trimester of study. External experts and industry practitioners also deliver lectures on key topics so you can hear first-hand from those already working within your chosen profession.

THE STATS

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

93% overall student satisfaction for the School of Science & Sport – Postgraduate Taught Experience Survey 2017

91% of students from the School of Science & Sport would recommend UWS – Postgraduate Taught Experience Survey 2017

Facilities

We possess comprehensive and specialist facilities which support our research students and staff. These include an advanced chemical analysis lab: with chemical analysis for isotopic and elemental analysis at trace concentrations using ICPMS/OES and the identification of organic compounds using LCMS; and the Spatial and Pattern Analysis (SPAR) lab: providing high specification workstations, geographical information system (GIS) software, geochemical and image processing facilities to support data management in science research. Within the Histology Lab current equipment includes an automated tissue processor, tissue embedding workstation, automated microtome, cryostat, automated slide stainer and automated slide scanner.

Research to improve our world

Being taught by staff who are research active means that you'll benefit directly from our extensive expertise, experience and knowledge across a breadth of disciplines.

Our research is coordinated through the Institute of Biomedical & Environmental Health (IBEHR) which is internationally recognised and was rated as producing world-leading and international standard research in the Research Excellence Framework (REF) 2014.

Institute of Biomedical & Environmental Health Research (IBEHR)

- UWS researchers, as part of a consortium of universities, have been awarded a £1.2 million programme grant from Arthritis Research UK to bring together, for the first time, experts in bone, matrix, molecular and systems biology in a concerted effort to better understand osteoarthritis.
- We are a key academic partner in a €7.7 million EU INTERREG V supported cross-border research project, designed to better understand and alleviate the impact of lung disease (see page 101).
- A project funded by Chest, Heart and Stroke Scotland is underway to determine whether short-term exposure to sunlight could actually be beneficial for our cardiovascular health.
- Heart Research UK-funded study into the effects of high glucose levels on the functioning of human blood vessels of different size and origin.
- Collaborative research with the Universities of Glasgow and Strathclyde is investigating the effects of 'Nanokicking' cells. This project won 'Research Project of the Year' in the Herald Higher Education Awards 2017. Currently, we are funded by Autoimmune Alopecia Research UK (Alopecia UK) to study 'Nanokicking' to study causes of alopecia and reverse the condition.
- UWS researchers are working on an interdisciplinary project to understand the effects of pollutant contamination in the environment on Antimicrobial Resistance.
- The development of novel optical and optoelectronic explosives sensors and an examination of the effect of short chain fatty acid delivery systems on appetite suppression.
- Award winning parasitology research, which focussed on the sight-threatening parasite Acanthamoeba and the development of OptiCLENS technology to prevent potential blindness in contact lens wearers by inhibiting the essential metabolic pathways of Acanthamoeba, which the human host is unable to do so. Professor Fiona Henriquez was named Nexxus' Young Scientist of the Year (West) for this important research.
- A project in China is looking at ways to treat industrial wastes to prevent it entering soil and water supplies.
- Research is underway to understand the effects of historical environmental pollution on microbial diversity.
- Research is underway to help the steel industry manage its wastes and develop environmentally sustainable ways of disposing process residues.
- Government and industry funded research is being undertaken to develop new diagnostic techniques for assessing fish health in aquaculture.
- Environmental research is currently investigating the impact of multiple stressors on the freshwater and marine environment, various aspects of human-biotic interactions and energy and resource management in a multidisciplinary approach.

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FINANCIAL SUPPORT

Students may be eligible to apply to SAAS for postgraduate loan funding – see **uws.ac.uk/money** for details.

ALUMNI PROFILE

Mastering the Microscope

Think you can't hold down a full-time job, get married, become a parent, and study for a Masters degree, all at the same time? Ask Mark Murphy, a microbiology specialist at Royal Alexandra Hospital in Paisley, how he did it. "Yes, it was a little stressful at times," admits Mark, "but the way the course is designed, and having a supportive employer, makes it achievable."

The nature of Mark's role — his lab provides a round-the-clock service — means that shift work is part of the deal. But his employer, NHS Greater Glasgow and Clyde, encourages people to improve their knowledge and abilities, and agreed to a day off each week to complete his studies. The part-time course fits perfectly with this arrangement, as all tutorials are held on the same day.

Originally from Ireland, Mark studied for his Bachelors degree at UWS, graduating in 2009. The advantage of that course?

ALUMNI:
Mark Murphy

COURSE:
MSc Advanced Biomedical Science

CURRENT ROLE:
Biomedical Scientist, NHS Greater Glasgow and Clyde

It included registration with the Institute of Biomedical Sciences (IBMS), the leading professional body for people in Mark's role. An IBMS certificate of competence is essential for the sort of lab work he does.

But career progress relies on achieving academic qualifications that illustrate a higher level of knowledge. Mark's decision to choose UWS for his Masters was an easy one. "It felt right for me. They definitely treat you like an individual. Plus, I still have good relationships with a number of the lecturers."

EXAMPLES OF COMPONENTS FOUND IN YOUR OLD PHONE

There's gold in old phones

Never mind buried treasure on some distant tropical island, there's gold buried in the forgotten drawers of homes around the world. It's locked in old mobile phones: process a tonne of them (weighed without batteries), and you'd get about 300g[1]. That's a big improvement on the one or two grams typically recovered from a tonne of ore.

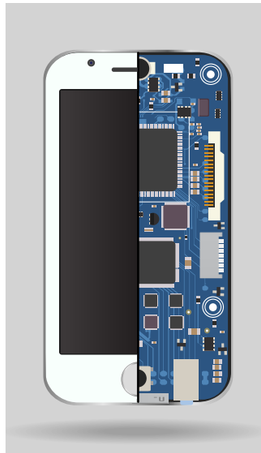
But how do you extract it – and the other metals the old devices contain? That's what Professor Andrew Hursthouse is working on as part of his wider interest in what are known as critical metals.

These metals are 'critical' because they're restricted geographically, so there's a need to find ways to recover them from sources closer to home.

At heart, it's a question of waste management: design a process to extract and recycle all the precious metals from waste electrical and electronic equipment, and you've solved a big problem for the world.

The process is harder than it sounds. Traditional smelting processes are energy intensive and polluting, and create more problems than they solve. So Andrew's team at UWS is looking for a solution using biotechnology. How best to describe it? "We use bugs to leach metals from the components," he says. "It involves grinding up the waste goods, stewing them up in a big broth, then taking what's leaked out and purifying it using other methods – that's where the scientific challenge is."

[1] Figures taken from: **bbc.co.uk/news/blogs-magazine-monitor-28802646**



A CIRCULAR ECONOMY
the EU aims to recover the 600 million tons of materials contained in our waste, and put them back into the economy

A BIOTECH SOLUTION
traditional processes for extracting precious metals are energy intensive. Using bugs instead makes the process greener and more energy-efficient

WHAT'S CRITICAL?
The European Commission has identified critical metals as those with a high economic importance to the EU that also have a high risk associated with their supply

Discovering an anti-virus protein

Sometimes scientific investigation can take you down a path you hadn't expected. "That's how biology works," reckons Dr Taranjit Singh Rai, lecturer in the University's School of Science & Sport.

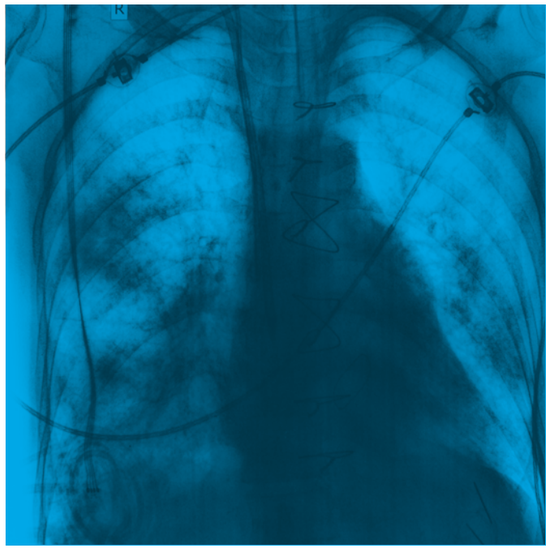
Since 2008 he's been heading projects into cellular senescence — a cellular process by which cells and organisms age. It strips cells of their ability to divide or grow. In 2014, he and his team discovered a protein, called HIRA, that plays an important role in cellular senescence. "Cancer is uncontrolled and results in the rapid growth of cells, so stopping these cells from dividing will stop the cancer from growing," explains Taranjit.

In 2017, research into HIRA made a further breakthrough — it's also an anti-virus protein. The breakthrough is significant as it can impact on the treatment of a wide range of conditions related to the ageing of the human body.

Taranjit says, "This work has the potential to drastically increase our understanding of how viruses evade host cellular responses. What we have discovered is that a protein that was thought to play a pivotal role in cancer can also act as a gatekeeper to prevent viral infections. This has profound implications in the way we think of viral infections and may lead to better treatments one day."

For postgraduate students at UWS, it's a real opportunity to gain some hands-on experience in ground-breaking medical research. It's an exciting area to be working in – and to be learning the skills of scientific rigour. The basic training you receive in labs like Taranjit's set you up for careers in Scotland's thriving life sciences sector – and in international pharmaceuticals. "It's giving us a whole new perspective on the way we can treat a wide range of age-associated conditions," concludes Taranjit.

The project, 'Histone chaperone HIRA deposits histone H3.3 onto foreign viral DNA and contributes to anti-viral intrinsic immunity', is led by Dr Rai and involves partners from the Beatson Institute for Cancer Research, the University of Glasgow, the University of Cardiff, and the Sanford Burnham Prebys Medical Discovery Institute in the United States.



Fresh Breath

A new partnership will see UWS work with institutes in Ireland and Northern Ireland on a research project to better understand and alleviate the impact of lung disease. The Border and Regions Airways Training Hub (BREATH) project will include the Dundalk Institute of Technology in the Republic of Ireland, Queen's University Belfast and UWS.

Our research team will be led by Professor John Lockhart, from the Institute of Biomedical and Environmental Health Research. He says, "This exciting new collaborative programme will provide major insights into lung disease in south west Scotland, help identify better treatments and possible preventions, and also enhance regional public awareness."

Lung disease – or more specifically chronic obstructive pulmonary disease (COPD) – is a big problem in the region. Ayrshire and Dumfries & Galloway have some of the highest numbers of COPD-related hospital admission anywhere in the UK. In 2011, it was estimated that the annual economic burden of COPD across the EU was approximately €141.4 billion.

The cross-border partnership will provide a much-needed boost to research efforts, says Dr Gary Litherland, lecturer at UWS. "By combining efforts of academic, clinical and industry partners, this award will transform COPD research in regions of great need," he says.

The €7.7 million EU INTERREG V supported project will also provide excellent opportunities for a number of PhD students in all three countries.

WHAT IS COPD & ITS MAIN CAUSES?

Chronic obstructive pulmonary disease is an incurable respiratory condition.

SMOKING
This is the primary cause, whether active or passive smoke.

AIR POLLUTION
Other risk factors include air pollution and exposure to dust and fumes.

ADVANCED BIOMEDICAL SCIENCE

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	MSc (full-time/ part-time) 1 year[1] /2 years	Paisley

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

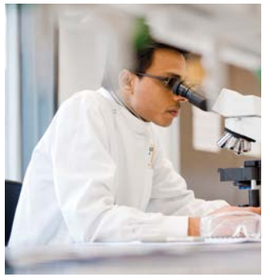
Accredited by the Institute of Biomedical Science[2] (IBMS), this programme gives you the skills and knowledge to build a career as an NHS biomedical scientist or within bioscience research.

The programme aims to give you a balance of theory, practical skills and application of a range of techniques relevant to the biomedical sciences such as medical genetics, immunobiology, and disease pathology. Emphasis is placed on the application of quality and management processes in the improvement of healthcare provision by biomedical laboratories.

Work-based learning modules are available to part-time students completing the IBMS specialist portfolio as an alternative to the discipline-specific modules.

Core modules include: Genetic Analysis in Biomedical Science; Clinical Immunology; Disease: Detection; Monitoring and Therapy; and Research Design. You can also choose from a number of quality and management modules relevant to your career. You will also undertake the MSc research project.

The MSc is a good qualification for careers in bioscience research, or for those wishing to progress to further study (PhD). However, it is primarily aimed at those wishing to work or already working as biomedical scientists in the NHS, where an accredited MSc is integral to career progression.



ENTRY

Applicants must have gained a second class BSc in Biomedical Science, Bioscience or a related science degree.

Applicants may also be considered with other academic, vocational or professional qualifications deemed to be equivalent.

The programme is available to EU and overseas students (full-time only). Overseas students must meet UWS English language requirements – see page 129 for details.

[1] To obtain the MSc, students will usually take nine months to gain the Postgraduate Diploma and then normally an additional three months to gain the MSc, from the date of commencement of the project.

[2] Subject to re-accreditation.

100% OVERALL STUDENT SATISFACTION

Postgraduate Taught Experience Survey 2017

100% OF GRADUATES IN WORK/ FURTHER STUDY SIX MONTHS AFTER GRADUATING

HESA performance indicator 2015/16

BIOTECHNOLOGY

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	MSc (full-time/ part-time) 1 year[3] /2 years	Lanarkshire

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

This programme equips you for a career in the biotechnology/life science profession or enables you to progress to PhD study. Designed and delivered with industry input, the programme will develop your knowledge and understanding of a range of theoretical and practical skills relevant to the biotechnology industry; advance your understanding of the industry; and grow your research skills.

An appreciation of the principles of commercialisation in the biotechnology industry will be developed through a bio-industry or work-related learning module. You will develop practical laboratory skills throughout the programme in areas such as molecular biology, microbiology and bioanalysis. Modules developing your skills as a researcher will underpin the MSc research project, which may be studied abroad, bringing a global perspective to your studies and allowing you to gain extensive experience in a research laboratory environment.

Students can add a bracketed title of 'Professional Practice' to their MSc by undertaking an additional 60 credits of industrial placement over an extra trimester. This will benefit you by being able to immediately apply your new knowledge into the work environment giving you a competitive advantage in the employment market.

International students can also undertake our pre-sessional English course over one trimester at the beginning of the programme which would allow the MSc to be completed full-time over two years.

Graduates will find employment within the life science industry in the UK or abroad; alternatively many continue their studies to PhD level at home or internationally.

ENTRY

Applicants must have gained a second class BSc (Hons) or equivalent in Bioscience, Biotechnology or a related science degree.

Applicants may also be considered with other academic, vocational or professional qualifications deemed to be equivalent.

The programme is available to EU and overseas students (full-time only). Overseas students must meet UWS English language requirements – see page 129 for details.

[3] To obtain the MSc, students will usually take nine months to gain the Postgraduate Diploma and then normally an additional three months to gain the MSc, from the date of commencement of the project.

FORMULATION SCIENCE

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	MSc (full-time/ part-time) 1 year[4]/ 2 years	Paisley

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

The programme covers the process of identifying, developing and testing products in a number of relevant industrial applications from the chemical industry such as colourants, pharmaceuticals, cosmetics and foods. It aims to link the basics of chemical, physical and biological sciences with the design and development of formulated products and assess how the nature and proportion of the formulated components influence product performance in application.

The programme includes topics involving colloid science and technology, size reduction, mixing and the stabilisation of dispersions, physico-chemical and biological characterisation of formulations, the formulation of colourants, pharmaceuticals, foods, and cosmetics and the emergence of environmentally friendly and sustainable microbial formulations.

The programme consists of eight taught modules over two trimesters and a formulation based research project undertaken in the third trimester, with delivery through a blended approach of formal lectures and workshops, laboratory work and computer exercises and assessment. The programme retains a significant industrial focus, which is underpinned by practitioner led delivery. Students will work with modern, industrially relevant formulation techniques and in particular will develop practical skills in key areas focused on the design and preparation of formulations and in their chemical, physical and biological characterisation.

Students can add a bracketed title of 'Professional Practice' to their MSc by undertaking an additional 60 credits of industrial placement over an extra trimester. This will benefit you by being able to immediately apply your new knowledge into the work environment giving you a competitive advantage in the employment market. International students can also undertake our pre-sessional English course over one trimester at the beginning of the programme which would allow the MSc to be completed full-time over two years.

The programme is designed with employability as a priority and aims to provide a route for graduates with skills in the chemical and physical sciences who wish to focus on emerging employment opportunities in product development, across a number of important industrial sectors.

ENTRY

An appropriate Honours degree in Chemical Sciences or Chemical Engineering.

The programme is available to EU and overseas students (full-time only). Overseas students must meet UWS English language requirements – see page 129 for details.

[4] To obtain the MSc, students will usually take nine months to gain the Postgraduate Diploma and then normally an additional three months to gain the MSc, from the date of commencement of the project.

WASTE AND RESOURCE MANAGEMENT

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	MSc (full-time/part-time) 1 year[5]/2 years	Paisley

INTAKE:	CONTACT:
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

Detailed course content available at **uws.ac.uk/pg**

Accredited by the Chartered Institution of Wastes Management, the programme prepares you for a career in the growing environmental and resource management sector, where there is increasing global demand for skilled graduates.

You will develop core skills in the management of resources, coupled with an understanding of technologies that enhance the sustainable use of natural resources and minimise the environmental impact of economic activities, exploiting value from industrial process by-products and waste materials.

Study will include: Environmental Systems; Principles of Sustainability Risk Management; Interpersonal Skills and Change Management; Pollution Control; Waste Management; Research Methods; and Clean Technology and Resource Management. You will also undertake a Masters dissertation.

Students can add a bracketed title of 'Professional Practice' to their MSc by undertaking an additional 60 credits of industrial placement over an extra trimester. This will benefit you by being able to immediately apply your new knowledge into the work environment giving you a competitive advantage in the employment market. International students can also undertake our pre-sessional English course over one trimester at the beginning of the programme which would allow the MSc to be completed full-time over two years.

Graduates build careers across all industrial sectors and within both public and private sectors dealing with resources, environment, pollution control, waste management, regulation and enforcement in the emerging technologies to improve environmental performance and resource utilisation.

Once enrolled, students can apply to the Chartered Institution of Wastes Management (CIWM) to become a Student Member. When the programme is completed students can apply to CIWM to become a Graduate Member and use the designatory letters Grad MCIWM.

ENTRY

MSc applicants must normally hold a relevant science or engineering degree or other equivalent professional qualification or have equivalent experience gained in industry.

Applicants who have previously completed a Postgraduate Diploma in an appropriate discipline may be admitted at an appropriate stage.

The programme is available to EU and overseas students (full-time only). Overseas students must meet UWS English language requirements – see page 129 for details.

[5] To obtain the MSc, students will usually take nine months to gain the Postgraduate Diploma and then normally an additional three months to gain the MSc, from the date of commencement of the project.

100% OF STUDENTS ON THIS COURSE WOULD RECOMMEND UWS

Postgraduate Taught Experience Survey 2017

100% OVERALL STUDENT SATISFACTION

Postgraduate Taught Experience Survey 2017

PROJECT MANAGEMENT

apm Accredited

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	MSc (full-time/ part-time) 1 year[1] /2 years	Paisley[2], London, online
INTAKE:	**CONTACT:**	
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

Accredited by the Association for Project Management, this programme will give you the necessary skills and confidence to guide and manage projects to successful completion; key skills for employment in the field of, and associated fields of, project management; and an enquiring, analytical and creative approach to managing projects.

Industry practitioners will deliver lectures on key topics and there are also work-based opportunities.

You will study Project Management Fundamentals; Project Methodologies and Technologies; Project Risk Management; Interpersonal Skills and Change Management; Case Studies in Project Management; and a number of option modules. You will also undertake the MSc project which can be industry or research based. Students have the opportunity to take part in managing real projects.

Students can add a bracketed title of 'Professional Practice' to their MSc by undertaking an additional 60 credits of industrial placement over an extra trimester. This will benefit you by being able to immediately apply your new knowledge into the work environment giving you a competitive advantage in the employment market. International students can also undertake our pre-sessional English course over one trimester at the beginning of the programme which would allow the MSc to be completed full-time over two years.

Graduates will be able to gain employment as project managers in a wide field of organisations such as consultancy firms, construction, manufacturing, events and service organisations.

The programme is accredited by the Association for Project Management and students are entitled to free membership of this organisation.

ENTRY

MSc applicants must normally possess an Honours degree or an equivalent qualification. MSc applicants will register for both the Diploma and the MSc and will be subject to progression requirements. Students who have previously completed a Postgraduate Diploma in Project Management may be admitted to the MSc at the appropriate stage.

Diploma applicants must normally possess a degree, an equivalent qualification or a lesser appropriate qualification plus equivalent experience gained in industry.

Students successfully completing the Diploma may transfer to the MSc.

The programme is available to EU and overseas students (full-time only). Overseas students must meet UWS English language requirements – see page 129 for details.

[1] To obtain the MSc, students will usually take nine months to gain the Postgraduate Diploma and then normally an additional three months to gain the MSc, from the date of commencement of the project. Full-time students transferring to MSc Project Management (International) will take an additional eight months to complete.

[2] Students who wish to transfer to MSc Project Management (International) will be based at Paisley and then Angers, France.

NB: We also offer Project Management in Ghana; students may enrol at Ghana Technology University College.

After completion of the Postgraduate Certificate there is also the option to transfer to the MSc Project Management (International) which offers a dual award with the University of Angers.

100% OF GRADUATES IN WORK/FURTHER STUDY SIX MONTHS AFTER GRADUATING

HESA performance indicator 2015/16

PROJECT MANAGEMENT (INTERNATIONAL)

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	MSc (full-time) 17 months – split between Paisley Campus and the University of Angers, France	Paisley initially and then University of Angers, France
INTAKE:	**CONTACT:**	
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

Offering practical experience this programme offers a strong global perspective to your studies while equipping you with expertise in project management, enabling you to manage global projects and programmes.

This dual award is based on the Postgraduate Diploma Project Management at UWS (see opposite) but with an additional eight months spent in France. At the end of the programme you will receive two Masters: MSc Project Management (International) from UWS; and MSc ISMP (Ingénierie des Systèmes et Management de Project) from University of Angers[3]. Classes in France are taught in French but you can sit exams and assignments in English.

You will study topics such as Project Management Fundamentals, Project Risk Management and Change Management and Leadership; for the MSc ISMP you will additionally study Formation Générale, Management de projet and Qualité Logiciel. You will undertake the MSc project which can be carried out within industry in Scotland or France.

Graduates can seek employment as a project manager in a wide field of organisations such as consultancy firms, construction, manufacturing, events and service organisations.

ENTRY

Applicants must normally possess an equivalent of a Postgraduate Certificate in Project Management. Students with a degree, or an equivalent qualification or a lesser appropriate qualification, plus equivalent experience gained in industry, are encouraged to apply for the MSc Project Management and transfer to the International programme after the Postgraduate Certificate. This does not prolong the duration of studies.

Applicants must also have at least a Higher or equivalent in French. Further language support will be provided throughout the programme.

The programme is available to EU and overseas students (full-time only). Overseas students must meet UWS English language requirements – see page 129 for details.

[3] Funding options are available for the period of study in France.

NB: For details of the MSc Project Management please see opposite.

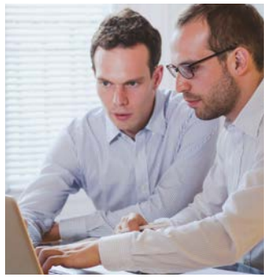
100% OF GRADUATES IN WORK/FURTHER STUDY SIX MONTHS AFTER GRADUATING

HESA performance indicator 2015/16

QUALITY MANAGEMENT

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	MSc (full-time/part-time) 1 year[4] /2 years	Paisley[5], London, online
INTAKE:	**CONTACT:**	
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**



This programme is suitable for those wishing to pursue a career in the industrial or service sector as a quality professional.

Opportunities exist to conduct a project within industry or with one of our European partner institutions. Strong industry links ensure employment and placement opportunities are available for all graduates.

You will study five core modules which include: Managing Quality; Statistical Quality Control; Risk Management; Interpersonal Skills and Change Management; Operations and Project Management; and two option modules. You will also undertake an MSc project which can be industry or research based. The course also offers you the opportunity to take part in company audits. As part of the Professional Practice module, training for yellow and green belts may be available.

Students can add a bracketed title of 'Professional Practice' to their MSc by undertaking an additional 60 credits of industrial placement over an extra trimester. This will benefit you by being able to immediately apply your new knowledge into the work environment giving you a competitive advantage in the employment market.

International students can also undertake our pre-sessional English course over one trimester at the beginning of the programme which would allow the MSc to be completed full-time over two years.

Recent graduates work in the quality field for SPX Clyde Union, companies such as Amec, Raytheon, Howden Group, Amer Sports, NHS Scotland, and Honeywell.

Students can attend Chartered Quality Institute seminars.

ENTRY

MSc applicants must normally possess an Honours degree or an equivalent qualification. MSc applicants will register for both the Diploma and the MSc and will be subject to progression requirements. Students who have previously completed a Postgraduate Diploma in Quality may be admitted to the MSc at the appropriate stage.

Diploma applicants must normally possess a degree, an equivalent qualification or a lesser appropriate qualification plus equivalent experience gained in industry.

Students successfully completing the Diploma may transfer to the MSc.

The programme is available to EU and overseas students (full-time only). Overseas students must meet UWS English language requirements – see page 129 for details.

NB: We also offer Quality Management at our collaborative partner institution, Ghana Technology University College.

[4] To obtain the MSc, students will usually take nine months to gain the Postgraduate Diploma and then normally an additional three months to gain the MSc, from the date of commencement of the project.

[5] Students who wish to transfer to MSc Quality Management (International) will be based at Paisley and then Angers, France.

QUALITY MANAGEMENT (INTERNATIONAL)

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	MSc (full-time) 17 months – split between Paisley Campus and the University of Angers, France	Paisley initially and then University of Angers, France
INTAKE:	**CONTACT:**	
January & September	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

This programme – which offers practical experience – will broaden your horizons and give your studies a global outlook while enhancing your understanding of modern developments within quality.

Close links with commerce and industry ensure the programme reflects the latest in quality thinking and techniques, and our laboratories have industry-standard equipment.

This dual award programme is the same as the MSc Quality Management (see opposite) but with additional study in France[6]. At the end of the programme you will receive two Masters; MSc Quality Management (International) from UWS, and MSc ISMP (Ingénierie des Systèmes et Management de Project) from University of Angers. Classes in France are taught in French but you can sit exams and assignments in English.

You will study topics such as Managing Quality, Continuous Improvement, Statistical Quality Control and Operations and Project Management. For the MSc ISMP you will also study Formation Générale, Management de projet and Qualité Logiciel. You will undertake the MSc project which can be carried out within industry in Scotland or France. Recent placements have taken place with Airbus Helicopters and Orange.

Graduates seek employment as quality or continuous improvement managers in various organisations including manufacturing, electronics, engineering, public sector and service organisations.

100% OF GRADUATES IN WORK/FURTHER STUDY SIX MONTHS AFTER GRADUATING

HESA performance indicator 2015/16

ENTRY

Applicants must normally possess the equivalent of a Postgraduate Certificate in Quality Management. Students with a degree, or an equivalent qualification or a lesser appropriate qualification, plus equivalent experience gained in industry, are encouraged to apply for the MSc Quality Management and transfer to the International programme after the Postgraduate Certificate. This does not prolong the duration of studies.

Applicants must also have at least a Higher or equivalent in French. Further language support will be provided throughout the programme.

The programme is available to EU and overseas students (full-time only). Overseas students must meet UWS English language requirements – see page 129 for details.

[6] Funding options are available for the period of study in France.

NB: For details of the MSc Quality Management programme please see opposite.

SPORT

100%

GRADUATES[1] IN WORK/ FURTHER STUDY 6 MONTHS AFTER GRADUATING[2]

[1] Graduates from the School of Science & Sport.
[2] HESA performance indicator 2015/16.

We collaborate with industrial, professional and educational partners to design programmes based on practical skills which allow graduates to make a real world impact in the health, fitness, leisure and sports industries.

#scienceandsportfortherealworld

In aiming to enhance human health and performance, we integrate physiological, biomedical and behavioural approaches to this field of study. Due to our extensive links with industry and contributions from industry experts, you will graduate with excellent employment opportunities.

With an emphasis on research and a focus on practical experience, we offer the right balance; ensuring that you are work-ready upon graduation.

Industry expertise

Our academics are experts in their field, many with international profiles in science, health and sport, and experience with organisations such as NHS Scotland, the Olympic and Commonwealth bodies, Scottish Cycling and the Welsh Rugby Union. We also work with a range of partners including Glasgow School of Sport and the Scottish Football Association, and have links with organisations such as sportscotland, BASES, UK Sport and many more. We have also recently established a partnership agreement with Scottish Championship football club, St Mirren FC, which facilitates joint research studies, and opportunities for UWS students to participate in community coaching.

THE STATS

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

93% overall student satisfaction for the School of Science & Sport - Postgraduate Taught Experience Survey 2017

91% of students from the School of Science & Sport would recommend UWS – Postgraduate Taught Experience Survey 2017

Practical experience

We offer opportunities to gain valuable experience working in industry, and sporting organisations which is great for your CV. External experts and industry practitioners also deliver lectures on key topics so you can hear first-hand from those already working within your chosen profession – this is also an invaluable opportunity to network with leading employers.

First-class facilities

The research undertaken in our Institute for Clinical Exercise and Health Science provides the underpinning science for your learning. Newly developed facilities at the new Lanarkshire Campus, opening in September 2018, will be equipped to carry out cutting-edge research and deliver state-of-the-art instruction.

Labs and learning areas will include an exercise physiology laboratory, environmental laboratory, strength and conditioning laboratory, exercise biochemistry laboratory, cardiology laboratory, biomechanics laboratory and physiotherapy suite. Learning areas also encompass computer suites, sports hall and gym.

Research with real-world impact

Being taught by staff who are research active means that you'll benefit directly from our extensive expertise, experience and knowledge across a breadth of disciplines.

Our research is co-ordinated through the Institute for Clinical Exercise and Health Science (ICEHS) which is internationally recognised and was rated as producing world-leading and international standard research in the Research Excellence Framework (REF) 2014.

Institute for Clinical Exercise and Health Science (ICEHS)

Focusing on the health agenda, the pathology of disease and the high performance athlete, ICEHS integrates the multifaceted areas of physical activity such as physiology, psychology, biomechanics, and sociology; as well as having an ecological perspective.

Some of our recent activity includes:

- Research into dietary advice which has challenged current thinking and has emphasised the need for people to consume more natural fats
- Work with NASA to investigate bone mineral density loss and associated muscle wastage during long haul space flight
- Several research projects funded by the Digital Health and Care Institute to support the development of digital technologies to be used in the National Health Service
- Research funded by the Hannah Research Foundation to investigate how bacteria in the mouth may be linked to cardiovascular health
- Work demonstrating the benefits of the G-Hold tablet device on preventing repetitive wrist strain injuries
- Research with Scottish Premiership football clubs to explore in-season methods of measuring fitness and to develop simple markers of recovery following competitive matches
- Collaborative research work with the Scottish Football Association and Oriam: Scotland's National Performance Centre
- Research on the mechanism by which exercise improves function for people with MS
- A project with South Lanarkshire Council, NHS Lanarkshire and University of Glasgow which could provide clear evidence on ways to improve the health and wellbeing of Scotland's children through physical education
- Research to explore the benefits of walking football on the mental and physical health of older adults
- A research project that revealed the benefits of beetroot juice in boosting cycling performance at altitude
- Research into the effects of concussion have also been established with governing bodies of sport and with Reuters University in the USA

SECTION CONTENTS

Sports Coaching 110

FINANCIAL SUPPORT

Students may be eligible to apply to SAAS for postgraduate loan funding – see **uws.ac.uk/money** for details.

ALUMNI PROFILE

Tony masters sports coaching

ALUMNI:
Tony Bryson

COURSE:
MSc Sports Coaching

CURRENT ROLE:
Active Schools Coordinator

"For me, it was about setting myself targets early on," says Tony Bryson, who graduated in 2015 with an MSc in Sports Coaching. "I wanted to achieve at least 70% in every assignment. I knew if I did that consistently I would get a good grade." When you're motivated like Tony, a pass with distinction, which he achieved, comes much easier.

There were challenges along the way of course. Having worked as Head of Sports Science with Ayr United, he had a good grasp of anatomy, physiology, conditioning and the coaching process. But carrying out research and academic writing didn't come quite as easily. "Luckily, the staff at UWS were incredibly supportive," he says, "and really helped me do the best I possibly could. Fingers crossed, my dissertation paper is likely to be published in a major sports journal in the near future".

> "My dissertation paper is likely to be published in a major sports journal in the near future."

In his role as an Active Schools Coordinator, he finds himself working with kids from underprivileged areas. Having grown up in a deprived area himself, he feels that he's now giving something back, and creating opportunities for youngsters that he never had himself.

Ask Tony why he chose UWS and he'll tell you that the option to study the course part-time suited his lifestyle. He was already working part-time for a local care organisation and was about to become a father, so the need to balance these aspects made full-time study unlikely. He'll also likely mention the modern facilities at the Lanarkshire Campus, the opportunities to meet coaches working at the highest level in Scotland, and the fact that the course content tied in perfectly with what he was doing at work.

Sport Science in the spotlight

UWS has played a key role as host institution in bringing the prestigious Annual Congress of the European College of Sport Science (ECSS) to Scotland for the first time in 2021. Principal and Vice-Chancellor at UWS, Professor Craig Mahoney led Glasgow's bid to host the event alongside our School of Science & Sport.

The conference will follow a number of major sporting events programmed to take place in the city in the coming years.

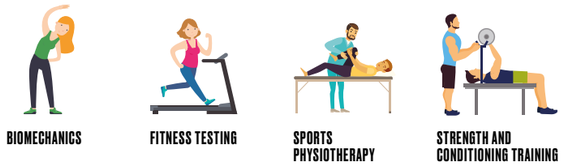
"ECSS is renowned for the work it does to promote science and research in the fields of sport science and medicine," says Professor Mahoney.

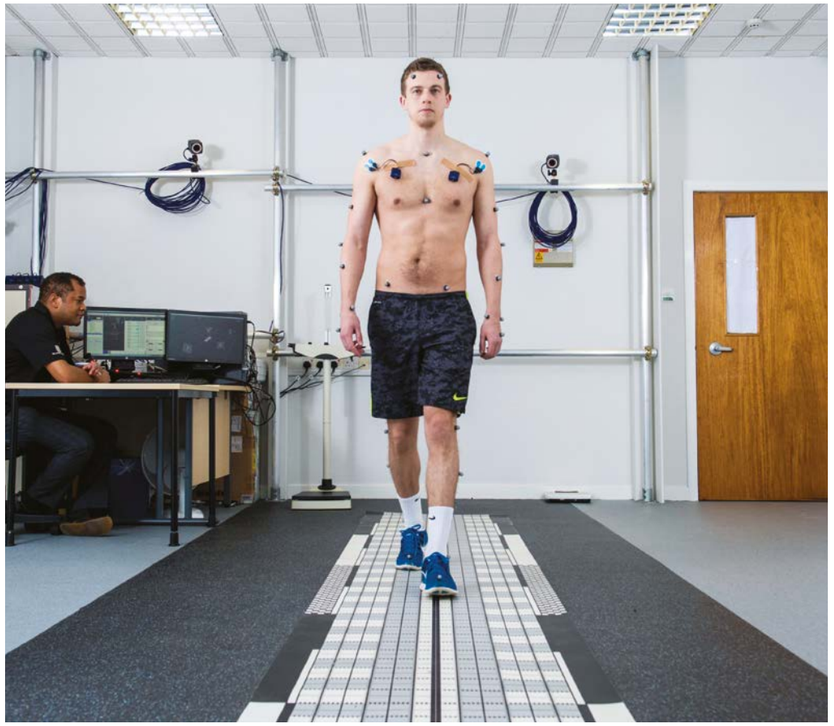
"Hosting the annual congress in Glasgow will provide a unique opportunity to showcase the ground-breaking work being undertaken at UWS and other Scottish universities in these fields. The congress will also serve as a platform for professionals, researchers and academics to network and share their expertise with international delegates."

With this amount of sporting action and analysis taking place across the west of Scotland over the coming years, there's never been a better time to study sport at UWS.

Bright SPARCs

SPORTS PERFORMANCE:





THE SPARC TEAM
Highly-qualified practitioners and therapists

BUT IT'S NOT JUST PHYSICAL
World-class research into performance psychology, motivation and mental strategies.

The Sport Performance and Rehabilitation Centre (SPARC) team at the Lanarkshire Campus have a wealth of experience in providing sport science support, health-related assessment and rehabilitation to clients of all abilities; ranging from members of the general public to elite and world class athletes.

SPARC houses an inter-disciplinary team of practitioners and therapists from various disciplines, including biomechanics, performance psychology, exercise physiology, physiotherapy and strength and conditioning. Through an integrated approach, our team aim to improve our clients' sporting performance and assist in achieving personal health, performance or rehabilitation goals.

In addition, SPARC aims to enhance the student experience. We work closely with the UWS Sport Scholarship Scheme, supporting UWS students who have the potential to be at the top of their sport. SPARC also directly supports our Sport and Exercise Science students by creating opportunities to gain valuable applied experience throughout their degree.

Recent high-level investment directed towards the new Lanarkshire Campus will create world-class facilities which can be accessed by sportspeople and the local community alike.

> "We can offer athletes access to the most hi-tech and advanced monitoring, training and treatment equipment and techniques."

These state-of-the-art facilities include designated physiotherapy clinics, biomechanics and physiology laboratories, altitude and temperature chambers, strength and conditioning and a video analysis suite.

SPORTS COACHING[1]

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	MSc (full-time/ part-time) 1 year[2] /2 years	Lanarkshire
INTAKE: January & September	**CONTACT:** Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk	

Detailed course content available at **uws.ac.uk/pg**

Delivered by experts with extensive experience in sports research, this programme is designed to prepare you for a career in sports coaching. You will access innovative research and practice in applied coaching to ensure you develop more advanced and applied sports coaching knowledge and skills.

You will develop your conceptual and theoretical understanding in the field of sports coaching and learn practical skills in a range of scientific disciplines and critically reflect upon contemporary principles and practices in sports coaching.

You will have the opportunity to gain experience observing and participating in the service delivery of high performance sport with organisations including St Mirren FC. Practical experience is a key part of the programme.

Modules studied are likely to include Performance Psychology, Coaching Process in Action; and Applied Strength and Conditioning. You will also undertake an MSc research project.

Students can add a bracketed title of 'Professional Practice' to their MSc by undertaking an additional 60 credits of industrial placement over an extra trimester. This will benefit you by being able to immediately apply your new knowledge into the work environment giving you a competitive advantage in the employment market. International students can also undertake our pre-sessional English course over one trimester at the beginning of the programme which would allow the MSc to be completed full-time over two years.

Graduates are equipped to collaborate with performers as a coach, strength and conditioner, or in sport science support. The MSc can prepare elite performers to study their own performance and to develop the necessary skills to help their future performance, or prepare

them for work opportunities after retirement from sport.

The programme provides the necessary foundation knowledge and skills for professional accreditation with the British Association of Sport and Exercise Sciences, the United Kingdom Strength and Conditioning Association or appropriate higher coaching awards (Level 3 or above).

ENTRY

MSc applicants should have as a minimum a 2:2 Honours degree in a sport-related subject (e.g. Sport Science, Sport Management, Sport Coaching or Development) or a related discipline (e.g. Psychology). Individuals with professional related experience will also be considered.

The programme is available to EU and overseas students (full-time only). Overseas students must meet UWS English language requirements – see page 129 for details.

[1] At time of print this programme is subject to validation – contact us for up-to-date information.

[2] To obtain the MSc, students will usually take nine months to gain the Postgraduate Diploma and then normally an additional three months to gain the MSc, from the date of commencement of the project.

"PROJECTS WE HAVE COMPLETED DEMONSTRATE WHAT WE KNOW – FUTURE PROJECTS DECIDE WHAT WE WILL LEARN"

LIFE AT UWS

In this section you'll find the essential information you need when making your decision to study at university: accommodation options, information for international students, fees and funding, the application process, and more.

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OUR CAMPUSES

Our Scottish campuses are based in four central locations in the heart of the west of Scotland - Ayr, Dumfries, Lanarkshire and Paisley - offering a gateway to the best of what Scotland has to offer. From the hustle and bustle of Scotland's energetic cities to enchanting mountain tops, serene glens, mysterious lochs, idyllic white sandy beaches, turquoise seas and even the odd palm tree, we guarantee you, studying in the west of Scotland will leave you with lasting memories.

Our London Campus is located in a vibrant part of the city centre and allows our students the chance to experience one of the world's most famous cities.

PAISLEY CAMPUS

Located in the centre of Paisley, the campus is just 10 minutes by train from Glasgow, one of Europe's most exciting and dynamic cities.

MORE INFO:
For more information on studying, staying in our accommodation or travelling to Paisley Campus visit **www.uws.ac.uk/paisley**

Travel

- less than three miles from Glasgow International Airport
- 10 minutes by train from Glasgow
- the M8 motorway, linking the M74, A77/M77 and M80, offers easy access to Paisley from the rest of Scotland and the south, plus a fast, direct route to the centre of Glasgow
- regular public bus and rail services operate from Glasgow and the southwest as well as further afield, to Paisley

Accommodation

Our on-campus accommodation includes a purpose-built £13.2m student residence and traditional flats. In 2018/19 the costs of our flats will range from £89 per week for a two-bed non en-suite single room to £149 per week for a single occupancy one-bedroom flat, while a standard en-suite room in our student residence is available for £104 per week. All prices are inclusive of utility bills, wifi, contents insurance cover, individual bedding pack, individual crockery pack and one kitchen pack per flat.

LANARKSHIRE CAMPUS

Located at Hamilton International Technology Park (G72 0LH) which is approximately two miles from Hamilton town centre, the Park provides excellent access to central Scotland's motorway network - M74, M8 and M77.

Students commencing study at Lanarkshire Campus in January 2018 will do so at the current campus on Almada Street, Hamilton before transferring to the new campus in September 2018 when it has its first intake.

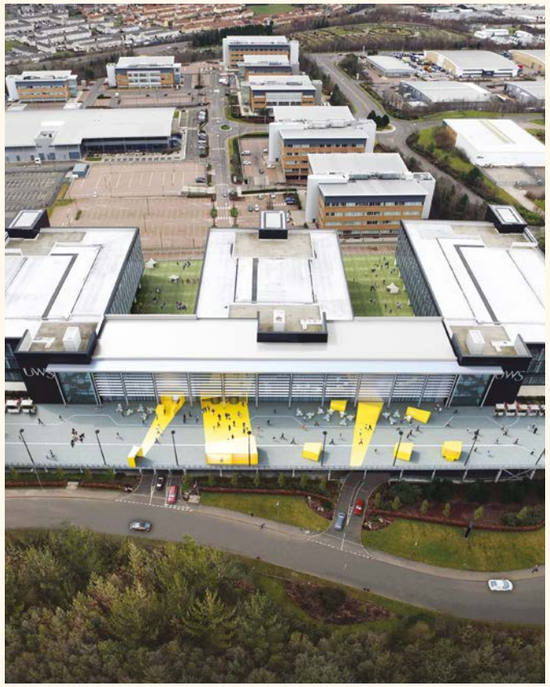
MORE INFO:
For more information on studying, staying in our accommodation or travelling to Lanarkshire Campus visit **uws.ac.uk/about-uws**

Travel

- 20 miles from Glasgow International Airport
- 30 minutes by train/bus from Glasgow city centre
- centrally located and providing excellent access to Scotland's transport network
- regular public bus and rail services operate from Glasgow and the south-west as well as further afield, to Hamilton

Accommodation

Residences are available within Hamilton town centre at the current Hamilton Campus. Purpose-built flats accommodate 156 residents, and include single study bedrooms (with wash area in each bedroom), shared open-plan kitchen and lounge areas, bathroom/shower facilities, and laundry facilities. In 2018/19 accommodation will be £85 per week. Price is inclusive of utility bills, wifi, contents insurance cover, individual bedding pack, individual crockery pack and one kitchen pack per flat. Transport connections between residences and our new Lanarkshire Campus will be available.



OUR NEW CAMPUS

Students joining the University in 2018 will be the first to experience the facilities at our new Lanarkshire Campus. Read more about how the campus will give our students access to some of the most advanced and technologically enabled learning environments available on page 16.

AYR CAMPUS

Our state-of-the-art £81 million campus by the River Ayr opened in 2011 and is a 10-minute walk from the town centre. Inspired by the area's woodland surroundings, the campus is an exceptional space for study.

MORE INFO:
For more information on studying, staying in our accommodation or travelling to Ayr Campus visit **www.uws.ac.uk/ayr**

Travel

- Glasgow is just under one hour away by train or car
- cycle paths from Ayr town centre direct to campus
- excellent road and rail links to Ayr
- frequent bus and rail services operate from Glasgow and the south-west and further afield to Ayr
- Glasgow Prestwick International Airport is roughly five miles from campus with a direct train link to Ayr town centre

Accommodation
Accommodation at our Ayr Campus is just three minutes' walk from the main campus building, in a stunning woodland location which houses 200 residents. In 2018/19 costs will range from £104 per week for a standard en-suite room to £149 per week for a one-bed studio flat. Price is inclusive of utility bills, wifi, contents insurance cover, individual bedding pack, individual crockery pack and one kitchen pack per flat.

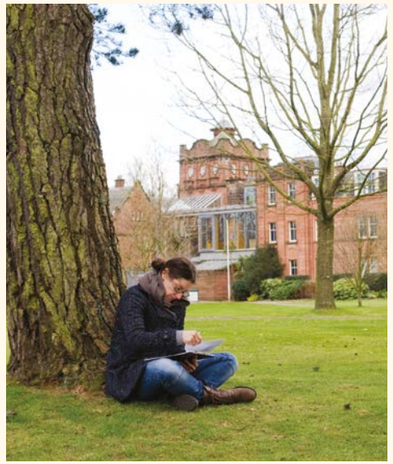
DUMFRIES CAMPUS

Combining historic buildings with modern facilities, Dumfries is a shared campus (UWS, University of Glasgow and Dumfries & Galloway College) and is situated in a historic 85-acre parkland estate with views of the Galloway Hills.

MORE INFO:
For more information on studying, staying in our accommodation or travelling to Dumfries Campus visit **www.uws.ac.uk/dumfries**

Accommodation
We have recently introduced two private flats into our offering at Dumfries. These are located very close to the town centre with easy access to the campus. The properties are managed through a partnership between local landlords and UWS. Prices in 2018/19 range from £75 per week per person to £130 per week per person. Prices are inclusive of contents insurance cover, individual bedding pack, individual crockery pack and one kitchen pack per flat.

Travel
Regular bus and rail services operate to Dumfries from the nearby city of Carlisle and from both Edinburgh to the north-east and Glasgow to the north-west.



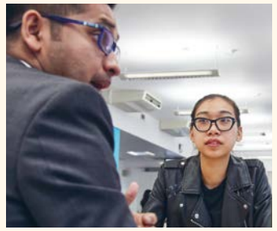
LONDON CAMPUS

Our campus is situated in the heart of London, one of the world's most exciting cities and offers attractive modern facilities in close proximity to major attractions in Central London.

MORE INFO:
For more information on studying, staying in local accommodation or travelling to London Campus visit **www.uws.ac.uk/london**

Travel

- London's fantastic transport system, with its underground, red buses and black taxis, will enable you to get around the city quickly and easily
- home to five international airports
- direct link to France via the Channel Tunnel



INTERNATIONAL STUDENTS

Our west of Scotland campuses are within easy reach of the bustling cities of Glasgow and Edniburgh and close to some of the world's most striking landscapes.

Study in Scotland with UWS
Scotland is an exciting place to be, with more world-class universities per head of population than anywhere else in the world; the highest rates of student satisfaction in quality of teaching in all of Britain; and Scotland's graduates have the highest rate of employment or further study in the whole of the UK[1].

The thousands of students who arrive in Scotland to study find a vibrant cultural life; a diverse, multicultural society; a country steeped in history; breath-taking scenery; bustling towns and cities; and most important of all, a student-friendly lifestyle – if you'd like all of this while you study, UWS is the place for you.

[1] studyinscotland.org

ON AVERAGE, STUDENTS RATE LEARNING AND LIVING IN SCOTLAND BETTER THAN IN THE REST OF THE UK AND EUROPE[2]

Glasgow
Glasgow, one of Europe's most vibrant, dynamic and stylish cities, is just 10 minutes from Paisley Campus and 40 minutes from Ayr Campus by train. Steeped in history, yet undeniably modern and cutting-edge, it's known for being one of Scotland's friendliest, most welcoming places. Its music scene and pubs, clubs and restaurants could keep you busy every night of the week and Glasgow – with its famous Style Mile – is the UK's most successful shopping location outside of London's West End.

Edinburgh
On the east coast, you'll find Scotland's capital city, the seat of the Scottish Parliament and government. The ancient city, known as the 'Athens of the North', is watched over by the iconic 12th century castle.

It's a lively, cosmopolitan and cultured city, with superb museums, art galleries, pubs, clubs, restaurants and plentiful shopping opportunities.

[2] iGraduate – Tracking the university and college experience in Scotland, 2008. A report commissioned by the British Council.

Leisure and shopping
Scotland's arts and cultural scene excels in world-class music, visual art, architecture and literature. And many galleries and museums are free to visit. You'll enjoy excellent facilities for sport with some of the world's finest golf courses as well as Olympic-sized swimming pools, outdoor ski slopes and a national network of cycling routes. Shopping is an exciting mix of exclusive brands, modern malls and historic shopping streets with smaller independent retailers. Famed for the excellence of our local produce, eating out in Scotland is a pleasure from traditional tea rooms to busy bistros.

For information on life and events in Scotland see **visitscotland.com**

LONDON

London is a capital full of culture and opportunities. The city is diverse in nature, with over 230 languages spoken and you'll find a wealth of different cultures and communities. The city is steeped in history and boasts four World Heritage Sites: the Palace of Westminster and Westminster Abbey, the Tower of London, Maritime Greenwich and the Royal Botanic Gardens, Kew.

There are an almost endless number of other visitor attractions in London including Tate Modern, the National Gallery and the Victoria and Albert Museum, while according to the Globe Shopper City Index, London is also Europe's best shopping destination. The city is well connected to the rest of the world, with five international airports and the high speed Eurostar rail link.

THINGS TO DO IN 2018

There's plenty to see and do in Scotland in 2018, here's a quick rundown of top events that you shouldn't miss!

Celtic Connections JANUARY
The largest annual winter music festival of its kind and the UK's premier celebration of Celtic music

Glasgow Film Festival FEBRUARY
A packed programme including pop-up cinema and special events in unique Glasgow venues

Glasgow International Comedy Festival MARCH
The biggest comedy festival in Europe, now in its 16th year

Burns An' A That MAY
Celebrate Robert Burns at this Ayrshire festival

Glasgow Science Festival JUNE
Showcasing the outstanding contribution Glasgow and Glasgow-based researchers make to the worlds of science, technology, engineering, maths and medicine (STEMM)

Edinburgh International Film Festival JUNE/JULY
Committed to showcasing the most exciting, original and challenging new films and the most promising new talent

Edinburgh International Festival AUGUST
The largest annual cultural festival in the world

World Pipe Band Championships AUGUST
The biggest event in any piping fan's calendar

Wigtown Book Festival SEPTEMBER
Annual literary festival

The Royal National Mod OCTOBER
Scotland's premier Gaelic festival, held in Dunoon

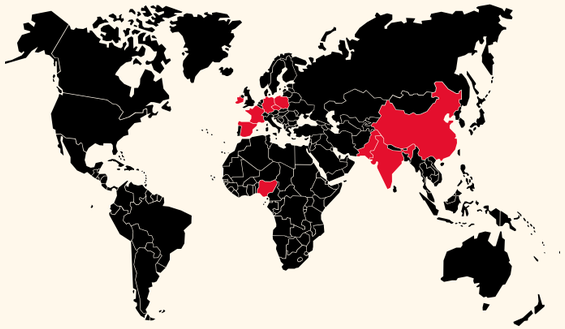
The Spree OCTOBER
Paisley's celebrated national festival of music and comedy

Glasgow & Edinburgh Hogmanay celebrations DECEMBER
Join the biggest and best street parties in the world

Our student body is drawn from
1/3 OF THE GLOBE

3,021
International (EU & non-EU) students in 2016/17

48,000+
International students from over 185 countries choose to study in Scotland every year[1]



UWS students from around the globe

TOP 10 COUNTRIES

France	**Spain**
China	**Pakistan**
Germany	**India**
Ireland	**Poland**
Nigeria	**Czech Republic**

Welcoming international students
We understand it's a life-changing decision to study overseas so we do everything we can to support you. Our international student advisers will help you prepare for your time at UWS and during your studies. We can give you tailored guidance, including visa and immigration advice, and can answer questions about finance and your general welfare. We're always on hand if you need us.

More info – our website is a great source of info and advice for international students at **uws.ac.uk/international**

English language requirements[2]
It's essential that you have a good command of written and spoken English. For clear guidance please see page 129 for details.

Scholarships and discounts[3]
We have a range of partial scholarships for full-fee paying non-EU students. For more information on the scholarships available, please contact **international@uws.ac.uk**

International student fees
Further details on fees can be found on pages 130-131.

Sources of advice
UK Council for International Student Affairs (UKCISA) **ukcisa.org.uk** provides advice on all areas of concern to international students studying in the UK. Call 020 7788 9214 (+44 (0)20 7788 9214 outwith UK) (Monday to Friday 1-4pm) to speak with a UKCISA professional international student adviser for help with any matter. The service is free – you pay only for the call.

Visas and immigration
Visa and immigration matters in the UK are dealt with by the Home Office of the UK Government.

For details of the visa regulations and processes, visit the UK Visas and Immigration (UKVI) site at **gov.uk/browse/visas-immigration/student-visas**

Applications
International postgraduate students may make a direct application online at **uws.ac.uk/international**

More info
You'll find information on student visas, welfare and general living in the UK at **uws.ac.uk/international**

Working with the British Council
We work closely with the British Council; to find your nearest office visit **britishcouncil.org**

[1] **scotland.org**
[2] Please check your course for specific English language requirements.
[3] Discounts may be subject to change for 2018/19 – email **ar@uws.ac.uk** for details.

STUDENT SUPPORT

The Herald Higher Education Awards
WINNER 'STUDENT SUPPORT TEAM' OF THE YEAR 2017

Student Services
Advise | Support | Inspire

Supporting your ambitions
We want you to get the most out of your time at university, and to help you do this we have a range of services that you can access if you need support or advice.

Our specialist student support teams, based on each campus, can offer advice on a range of matters. We can help with funding, childcare, exams and assessment, wellbeing and health, academic skills, career development and much more. We also offer counselling, a multi-faith chaplaincy, disability support and a dedicated international student services team.

These student-facing teams are based in The Hub at Paisley and Lanarkshire (from September 2018) campuses and in the Student Link spaces at Ayr and Dumfries. Students at London Campus can access the services offered by The Hub online. You can also arrange an appointment with an Adviser though London Campus reception (0141 848 3047) or email **london@uws.ac.uk** for more details.

We've also been commended for our support of care leavers before, during and after their time at UWS, and have been awarded the Buttle Quality Mark in recognition of this.

COMMITTED TO CARE LEAVERS
BUTTLE UK

The Hub
The Hub is a social and learning student space on Paisley Campus and in our new Lanarkshire Campus (from September 2018) that offers a route to the student-focused services offered by the University. Students can come in to speak with The Hub team, who include student assistants, or use the self-help points in The Hub area. The Virtual Hub provides access to The Hub services online (**hub.uws.ac.uk**) and by telephone (+44 141 848 3800) to all UWS students across the campuses. The Hub aims to put the student experience at the core of all that we do.

Careers & Skills
Our Careers & Skills Team provides support for the development of academic, professional and career skills.

The support provided by our qualified Careers Advisers includes advice and guidance on career planning, graduate recruitment, further study, placement, part-time work and volunteering.

Our team of Academic Skills Advisers provide academic advice, guidance and resources to help develop and enhance individual academic and practical skills for success at university and beyond.

Students can access a comprehensive range of Careers & Skills resources online, and can also attend the many clinics and workshops delivered on campus, as well as book one-to-one appointments.

For more information visit **uws.ac.uk/careersandskills**

The Library
UWS Library plays a vital role in supporting your academic success. There is a library at each campus, and you'll find that our vibrant learning spaces will be at the heart of your experience at UWS.

Library staff are dedicated to providing you with access to the information you'll need to develop your knowledge of your chosen subject. Visit our 'Ask a librarian' sessions and book appointments with the team. They will also advise you about the most reliable sources of information for academic assignments, reading lists, search techniques, referencing, avoiding plagiarism and accessing resources we do not have in our collections.

For your convenience, many library services and resources – such as electronic books and journal articles – are available online 24 hours a day. Use the new One Search tool to find all you need for your studies.

For more information about UWS Library visit: **uws.ac.uk/library**

Other sources of support
Students' Association (SAUWS)
SAUWS aims to represent your needs and provide support, well-being and social services for all UWS students – see page 124 for more info.

Enterprise & Employer Engagement Team
We support new business ideas and celebrate the growing pipeline of enterprise talent emerging from the University's student community. You can discuss your business ideas with us and we can provide help and support for enterprise skills development, funding applications, incubation, mentoring opportunities, and much more.

We work in partnership with the start-up ecosystem including organisations such as Converge Challenge, Scottish Institute for Enterprise, Scottish Edge, Enterprise Campus and Business Gateway to provide funding and support on start-up toolkits, business model planning, marketing and finance.

See page 20 to find out more.

"Student Services have been a fantastic help to me during my time at UWS. They always give the best advice - from financial guidance to putting in place extra time for exams. As a student with a disability, Student Services have always been there to help whenever I need it. I don't think I would currently be working on my Masters degree if it wasn't for their help."

STUART MCCABE
MSc Mobile Web Development student

OUR STUDENT SERVICES INCLUDE:

- FUNDING & ADVICE
- INTERNATIONAL STUDENT SUPPORT
- COUNSELLING
- MULTIFAITH CHAPLAINCY
- DISABILITY SUPPORT

See our website for more info.

STUDENTS' ASSOCIATION

WINNER OF NATIONAL UNION OF STUDENTS (NUS) SCOTLAND'S HIGHER EDUCATION STUDENTS' ASSOCIATION OF THE YEAR AWARD 2013 & 2016

Going to University is about much more than getting a qualification, it's also the chance to enjoy an exciting new social life and make the most of all the new opportunities available to you.

Student life at UWS
UWS students come from all over the world and you'll find a great community feel and real energy on our campuses. There are lots of opportunities to get involved in extra-curricular activities and build friendships for life.

SAUWS, our award-winning Students' Association, is run for students by students. SAUWS organise and deliver a wide range of social and sporting events all year round and campaign with you and on your behalf on the issues that really matter to you.

The Association's buildings and spaces are the best place to meet other students. All the services and events are run there, including our shops, bars and cafes.

You can now get all your favourite Starbucks coffees and frappuccinos at both the Ayr and Paisley unions along with a great selection of meals and snacks.

Clubs and societies
We support all sorts of clubs and societies from course related groups such as Chemical Engineering and Midwifery to interest societies such as the Debating Society and Table-top Gaming Society. There's also the LGBT+ liberation group; the Nigerian Forum; and the Anime and Manga, Games Development, People and Planet, Sci-fi, Science, Music and Psychology societies. There are also a variety of sports clubs available (see page 127). Details on the clubs or how to start your own are available at **sauws.org.uk/societies**

Representation, advice and campaigns
SAUWS aims to represent your needs and provide support, well-being and social services for all UWS students. As well as campaigning activities, SAUWS provides advice on matters such as money, study skills and academic appeals.

Freshers' Week
An unmissable programme of events and the essential initiation to university social life. From the official welcome party to the pub quiz, there is something for everyone. The yearly SAUWS Freshers' Fair will give you need-to-know information along with the chance to get the best deals and opportunities from local businesses and organisations. Like the SAUWS Facebook page to keep up-to-date with what's on at Freshers' this year. **facebook.com/uwsstudents**

Volunteer with SAUWS
Volunteering is a great way to meet new people, pursue your passions and make your time at UWS a lot of fun. Whatever you're interested in; you'll be supported by SAUWS staff along the way. Volunteering is an excellent way of enhancing your CV and career prospects. The University offers official acknowledgment of the importance of volunteering both for students and the wider community through the Volunteer Recognition Scheme, presented at the SAUWS Big Awards.

Sustainability at UWS
The SAUWS Sustainability project has been supporting students, staff and the wider community to reduce their impact on the environment since 2011. You can get involved by joining in with a project, volunteering for SAUWS or starting up your own project. In 2015, the Sustainability Hub opened at the Paisley Campus, offering a free swap shop for students, bike maintenance workshops, sustainable travel and energy advice and gardening workshops.

Celebrating cultural diversity
The University is highly internationalised and has a welcoming atmosphere for students from a diverse range of backgrounds. To celebrate this diversity, SAUWS hosts a number of integration and cultural celebration nights. The Students' Association will be welcoming international students to the campuses during the welcome week, with various activities planned to help new international students make friends. We will also be looking for new members for our international societies. Regardless of where you are from, the Association will have something for you. Keep an eye on our website for more information.

SPORT AT UWS

We are passionate about supporting student engagement with sport, whether you are a national or international performer, a club level competitor or a recreational participant.

Scholarship success
Callum Hawkins is one of the recipients of the UWS Sport Scholarship programme and he is continually doing the University proud by competing at the top of his sport. Callum competed in the Mens' Marathon at the 2016 Olympic Games in Rio finishing in an excellent ninth place and even more recently equalled the best ever performance by a British male in the 2017 IAAF World Championship Marathon in London, finishing in fourth place with a personal best time.

"Being part of the Sport Scholarship programme at UWS has helped me incredibly, not only with the academic side of things and balancing this with sport, but also with the financial support provided."

CALLUM HAWKINS

Performance
The UWS Sport Scholarship programme offers a range of financial support, performance services and academic flexibility to our highest performing students and aspiring senior performers. We work closely with organisations like Winning Students, national governing bodies and other sports partners to ensure access to a range of facilities, services and targeted individual support.

For more info on the Sport Scholarship programme contact **sports.scholarship@uws.ac.uk**

Club sport
UWS works in partnership with the Team UWS Sports Union and external partners to ensure that programmes are available across a range of team and individual sports, providing opportunities to compete, to train and to socialise. Current sports clubs include archery, American football, badminton, basketball, cricket, climbing, cheerleading, football, futsal, golf, hockey, judo, netball, rugby, snow sports and swimming; with individuals representing UWS in several further sports such as athletics, karate, squash, gymnastics and curling. We are looking to add new sports clubs and activities every year and are developing links with local clubs to support in this process.

Student membership
Student gym memberships are subsidised and flexible, with affordable annual, monthly and pay-as-you-go packages available at Ayr, Lanarkshire and Paisley.

Facility provision
UWS Sport operates low-cost sports facilities and services for students at our Ayr, Paisley and Lanarkshire campuses. Ayr boasts a gym and a sports hall as well as impressive riverside cycle ways and walks. There is also a range of exercise classes on offer. Lanarkshire Campus houses a gym and indoor sports hall and has exercise classes available. The Robertson Trust Sports Centre, close to our Paisley Campus, offers a gym, all-weather floodlit pitches, sports hall, full-size grass football and rugby pitches and grass training area. There is also a range of exercise classes on offer. Students on our Dumfries Campus have access to facilities through a partnership with Dumfries & Galloway College and we are currently developing a facility access offer for our London based students.

2021 EUROPEAN COLLEGE OF SPORT SCIENCE

A four day event examining the topics of health enhancement and sport is coming to Glasgow in 2021, with UWS as the lead academic institution. Read more on page 108.

Competition
UWS students engage in a range of competitions including British Universities and Colleges Sport (BUCS) and Scottish Student Sports (SSS) individual championships and leagues and Varsity events which give a wide range of students an opportunity to represent the University. Many students also access external local clubs and performance programmes and compete in local leagues and competitions.

Our success in BUCS events has seen the University climb 29 places in the BUCS league over the last few seasons to be in the top 100 in the UK. That's quite an achievement.

Team UWS
With over 20 competitive and recreational sports, there has never been a better time to become part of Team UWS. It's never been easier for students to participate and compete for Team UWS as every Wednesday afternoon has now been allocated as free from classes for the majority of courses. Whatever your sporting interest we've got something for you.

For more information about Sport at UWS email **sportenquiry@uws.ac.uk**

YOUR APPLICATION

How to apply
Applications for the majority of our taught and research courses can be made online at **uws.ac.uk/study** You will be taken through an initial registration process, and then you can create your online application specific to each programme that you are interested in. You do not have to complete the application all at once, you can save your details and return to it at a later stage.

PGDE Primary and Secondary
Applicants interested in studying on our PGDE Primary or PGDE Secondary must apply through UCAS at **ucas.com** Once you register your details through UCAS you will be able to choose where and when you plan to study.

Please note that UCAS applicants must apply on or before 15th January to be considered through equal consideration as a priority applicant. Any applications submitted after this date will be considered a late application and may result in applications not even being considered as we may have satisfied our recruitment numbers from applications submitted on or before 15th January. For more information please visit the UCAS website at **ucas.com**

Undergraduate Health, Nursing & Midwifery courses
Applicants interested in studying our BA Integrated Health and Social Care/ Integrated Health and Social Care with Administration, BSc Nursing Studies or BSc Professional Health Studies must apply through UCAS at **ucas.com** Once you register your details through UCAS you will be able to choose where and when you plan to study. For more information please visit the UCAS website at **ucas.com**

Admissions process
Once you have completed your online application it will be uploaded to our student information system within 24 hours; you will then receive an email acknowledgement confirming receipt of your application. The Admissions team will then review your application and check the documents that you have sent, ensuring that all applicants have a degree certificate from a UK institution or an equivalent qualification from an international university recognised by the National Recognition Information Centre for the UK.

Applicants are asked to provide and upload as part of their online application the following documentation as a PDF:

UK/EU
- scanned copy of your degree certificate
- scanned copy of your academic transcript (in English)
- reference
- research proposal (research applications)

Non-EU
- personal statement
- scanned copy of your degree certificate
- scanned copy of your academic transcript (in English)
- Secure English Language Test (e.g. IELTS)
- reference
- research proposal (research applications)

If you do not attach the relevant documents as part of your application this may delay a decision being made on your application.

Please note that Non-EU applicants are also required to satisfy UKVI conditions to allow you to apply for your Tier 4 visa:

- scanned copy of your passport (which should include your passport number, full passport details and existing visas)
- payment of tuition fees
- evidence of funding to cover living costs and any remaining tuition-fee costs. Please note: (i) evidence of funding must be in the applicant's bank account for 28 consecutive days prior to applying for a visa (ii) if an applicant has dependents, then they must provide evidence of funding per dependent in line with UKVI requirements (iii) if using parent's/legal guardian bank statement as evidence of funding then we need a copy of a birth certificate confirming relationship (translation required if not in English)
- a letter of support/affidavit from parents confirming they are happy to support their son/ daughter with their tuition fees and living costs throughout their studies
- a valid TB certificate (if required) from a medical centre that is recognised by the Home Office. Check the webpage for further information **gov.uk/tb-test-visa**

Applicants who are resident overseas should visit the UK Visa and Immigration website at **gov.uk/government/ organisations/uk-visas-and-immigration** to find out more about studying in the UK and applying for a student visa. As the level of overseas tuition fees is substantial, prospective students should ascertain the approximate amount of these fees for the duration of their study, and the maintenance costs to cover books, accommodation and living expenses should also be considered.

Further information on maintenance costs can be found at **gov.uk/government/ organisations/uk-visas-and-immigration**

References
Applicants are asked to provide one reference (two for research programmes) as part of their online application. If you are unable to upload the reference you can provide the email address for your referee as part of the application to allow a reference request to be emailed to them. References should be supplied on headed notepaper and signed by someone who knows you in an educational or work capacity or be sent by email from the business/ educational email account.

Details of research studentships (where applicable) can also be obtained by visiting **uws.ac.uk/ research**

For further course information please contact our Applicant Enquiry Team on 0800 027 1000 (44 141 849 4101 outwith UK).

Application decision
The Admissions team will make one of the following decisions:

- Unconditional Offer – if you already satisfy the necessary academic entry requirements
- Conditional Offer – if you still need to satisfy the necessary academic qualifications detailed in your offer. Once you satisfy these conditions, your offer will change to unconditional
- Unsuccessful – if you are not considered to be suitably qualified

Applicants who have accepted an unconditional offer should check our website for information relating to induction and enrolment. Our website will be updated with information for new students in advance of the course start date.

Start dates
Unless otherwise stated, the majority of our postgraduate courses have two intakes – January and September. Applicants can indicate on their application whether it is the January or September start date that they prefer.

Some of our London courses have additional start dates – see course entries for details.

Closing date
For UK/EU applicants there is no formal closing date for most courses, the exception to this being PGDE Primary and PGDE Secondary Education through UCAS where applications should be submitted on or before 15th January.

Due to visa processing times Non-EU applicants must apply for courses starting in September by the beginning of August. Similarly due to visa processing times applicants must apply by the beginning of December for courses starting in January.

Academic Technology Approval Scheme (ATAS)
This Home Office scheme applies to some courses in specific areas, such as engineering, science and computing. Overseas students who apply for a particular programme may need to apply for an ATAS certificate – you will need to quote the course JACS code when applying. For more information on ATAS visit **fco.gov.uk/atas** Please note you will be required to produce your ATAS Certificate at enrolment.

ENGLISH LANGUAGE REQUIREMENTS

All programmes at UWS are taught in English, therefore to be successful in your studies we require students to have a good level of English. In addition, UK VISA Immigration (UKVI) also has requirements on the level of English you have before a visa can be issued to allow you to study in the UK. Therefore if English is not your first language, you must provide evidence of your English language skills to us.

Changes to Secure English Language Tests
The UK government has made changes to its list of English language qualifications approved as being Secure English Language Tests (SELT). These changes are for visa applications submitted from 6 April 2015 onwards.

View the full list of approved tests here: **gov.uk/guidance/ immigration-rules/immigration-rules-appendix-o-approved-english-language-tests**

Any English language qualification requires to have been gained within two years of the start of your UWS programme.

Students who do not meet UWS English language requirements may wish to consider undertaking the University's pre-sessional English language course to help them achieve their required score. For more information please visit: **uws.ac.uk/english**

NB: Some programmes may have higher English language requirements – see programme entries for details.

UWS WILL ACCEPT THE FOLLOWING ENGLISH LANGUAGE TESTS AS EVIDENCE FOR ENTRY

Test	Minimum requirement
International English Language Testing System (IELTS)	Overall score of 6.0, with no less than 5.5 for each component
Cambridge Certificate in Advanced English	Grade C
Cambridge Certificate of Proficiency in English	Grade C
Trinity College London	ISEII Reading: Pass; Listening: Pass; Writing: Pass; Speaking: Pass

FINANCE

Postgraduate fees
As the programmes listed in this prospectus cover the University sessions 2017/18 (January starts) and 2018/19 (September starts) there may be different tuition fees depending on your start date.

Our website will provide the latest information on the fees applicable to the following groups of students:

- International students from outwith the EU
- Scottish students and students from non-UK EU member states
- UK students outwith Scotland
- Students studying non-standard programmes such as the MBA, DBA and MSc Finance and Accounting with CIMA
- London Campus students
- Research students

The information is available at **uws.ac.uk/money-fees-funding**, by contacting the University Finance Office on 44 (0)141 848 3271 or by emailing **ask@uws.ac.uk**

Information for international (Non-EU) students
The fees shown online include all tuition, registration, and examination costs. International (Non-EU) students will be required to pay £3,500 of their tuition fee (full tuition fee for London Campus) before their CAS (Confirmation of Acceptance for Studies) is issued.

Postgraduate funding
For the most up-to-date information relating to postgraduate funding, visit **uws.ac.uk/money-fees-funding**
Here you'll find details of any statutory funding you may be eligible for, as well as scholarship opportunities and additional types of funding.

Student Awards Agency for Scotland (SAAS) SAAS; Scottish/EU students
SAAS administers a Postgraduate Tuition Fee Loan and Living Cost Loan for taught courses. Applicants can apply from early April and should visit the SAAS website (**saas.gov.uk**) for application instructions. These loans are repayable under the same rules as the student loan for living costs you may have received as an undergraduate.

If you are a Scottish student you will be able to apply to SAAS for the Tuition Fee Loan and Living Cost Loan as long as you have not already used UK or EU funds to study at this level. The tuition fee loan is worth £5500 and can be used to fund study up to Masters level. It is available to full-time students undertaking their Masters in one year, or part-time students undertaking their Masters across two academic years. The living cost loan is worth a maximum of £4,500 and is only available to full-time students.

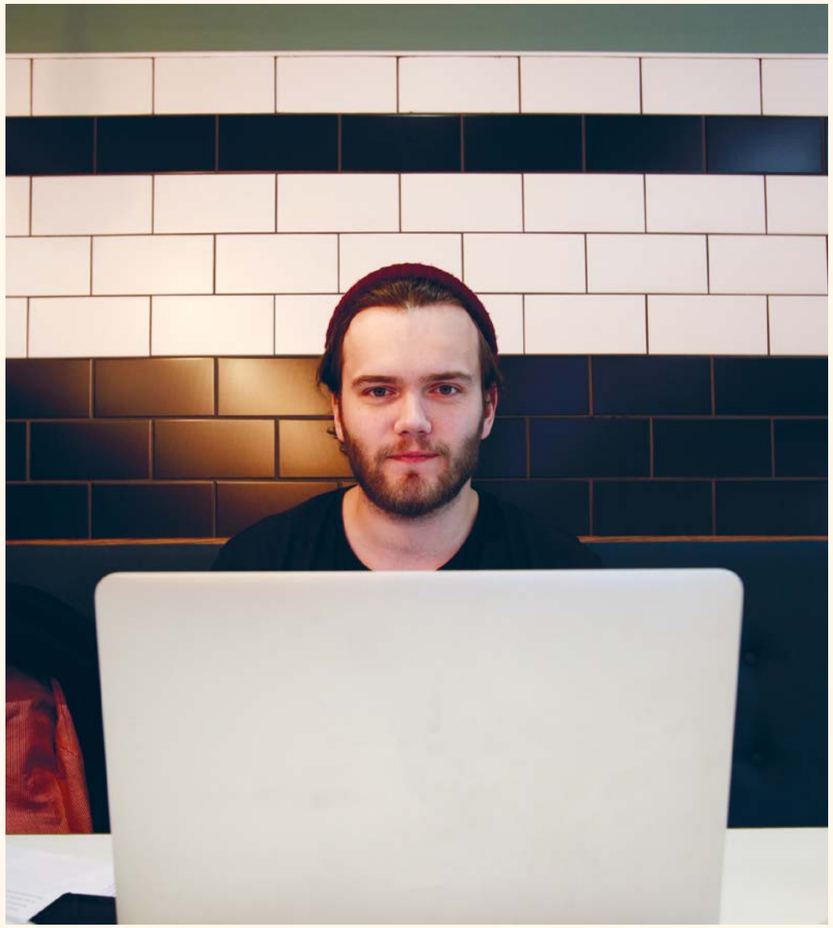
If you are an EU student you will be able to apply to SAAS for the Tuition Fee Loan as long as you have not already used UK or EU funds to study at this level. This loan is worth £5500 and can be used to fund study up to Masters stage. It is available to full-time students undertaking their Masters in one year, or part-time students undertaking their Masters across two academic years. You will not receive funding to support your cost of living.

Students from England, Wales and Northern Ireland can also access postgraduate loan schemes through your relevant student finance bodies.

NB: Students are advised to contact SAAS for information on their eligibility on 0300 555 0505. For further details on relevant programmes contact our Applicant Enquiry Team on 44 (0)141 848 7044 outwith UK.

Professional and Career Development Loans
Professional and Career Development Loans are bank loans that can be used to help pay for work-related learning. You can borrow between £300 and £10,000 to help support the cost of up to two years of learning (or three years if it includes one year's relevant unpaid practical work). The Government will pay the interest on the loan while you are learning and for one month afterwards. The loan can be used to pay course fees or other costs such as travel and living expenses. You can also use the loan to supplement other forms of support such as grants or bursaries. Because the Professional and Career Development Loan is a commercial loan product, they should only be considered as an option once all other student funding options have been investigated.

For more information visit **www.gov.uk/career-development-loans** or call 0800 585 505.
Our learning provider registration number is 3917.



Residential accommodation fees
The contract for UWS accommodation covers a 38-week period following our academic year: September – May. All students in UWS residences are required to pay a set prepayment of rent prior to moving in (£100 in 18/19) and then set up a monthly payment plan in line with your accommodation rental agreement.

The prepayment for all students must be made at the point of accepting the offer of accommodation. This is strictly via a credit/debit card payment. Eligibility conditions apply – these are available on our website.

Please note: for all one and two trimester tenancy periods we have a payment plan option available (see below).

- full-time students (38 weeks) – Pay eight monthly instalments
- individual trimester students (Trimester 1 - 16 weeks) – Pay four monthly instalments
- individual trimester students (Trimester 2 - 19 weeks and 3 days) - Pay four monthly instalments

For the most up-to-date information on accommodation at UWS visit **uws.ac.uk/accommodation** where you can find our Allocations Policy or email **accommodation@uws.ac.uk** – our Residence Team are happy to assist.

Additional costs
For some programmes, there may be additional costs involved, for example, study materials, mandatory field trips or equipment, which are not included in the tuition fee advertised. You can find out more about any additional costs for programmes for 2018 entry (if applicable) on each course page on our website – visit **uws.ac.uk/pg**

NB: All students will be required to pay a £40 graduation registration fee before they graduate.

FURTHER INFO

Lanarkshire Campus relocation
Students joining the University in 2018 will be the first to experience the facilities at our new Lanarkshire Campus. The new campus is scheduled to open in September 2018. Therefore, students commencing study at Lanarkshire Campus in January will do so at the current campus on Almada Street, Hamilton before transferring to the new campus in September.

Read more about how the campus will give our students access to some of the most advanced and technologically enabled learning environments available on page 16.

Want more UWS?
UniWestofScotland
@UniWestScotland
uniwestscotland

Got a question about UWS?
Call us on 0800 027 1000 (44 141 849 4101 outwith UK) or email **ask@uws.ac.uk**

An inclusive institution
The University has a tradition of providing inclusive Higher Education and aims to attract students from all sectors of the community. This commitment extends to applicants and students, regardless of their background, culture or other protected equality characteristic. Our staff work to promote understanding and integration and will not tolerate exclusion, bullying, harassment or victimisation of students.

Students have a responsibility to abide by the University's commitment to eliminate discrimination, promote equality of opportunity and promote understanding between people of diverse backgrounds.

Full details are available at **uws.ac.uk/equality**

Terms and conditions
You can find our full terms and conditions on our website at **uws.ac.uk** You should read these prior to making your application. They provide information on important matters including when we might have to make changes to the way we deliver the courses in this prospectus. You should note that the terms and conditions are reviewed each year and changes may be made to these prior to your enrolment.

We have made every effort to make sure the information in this prospectus is accurate at the time of going to print but it is subject to change. You should refer to our website for the most up-to-date information.

For some of our programmes there may be additional costs involved, for example, for study materials, field trips or equipment, which are not included in the tuition fee advertised. You can find out more about any additional costs for programmes for 2018 entry (if applicable) on our website or you can e-mail us at **ask@uws.ac.uk**

University of the West of Scotland is a registered Scottish charity.

Charity number SC002520.

INSIGHT
YOUR VIEW
ON CAREERS

Ayr Campus

University Avenue
Ayr
KA8 0SX
Scotland, UK

+44 (0)1292 886 000

Dumfries Campus

Dudgeon House
Dumfries
DG1 4ZN
Scotland, UK

+44 (0)1387 345 800

Lanarkshire Campus

Almada Street
Hamilton
ML3 0JB
Scotland, UK

+44 (0)1698 283 100

Lanarkshire Campus NEW

Hamilton Int.
Technology Park
Stephenson Place
Hamilton
G72 0LH
Scotland, UK

Opening
September 2018

Paisley Campus

Paisley
PA1 2BE
Scotland, UK

+44 (0)141 848 3000

London Campus

235 Southwark
Bridge Road
London, UK
SE1 6NP

+44 (0)141 848 3047

Applicant Enquiry Team

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(+44 141 849 4101
outwith UK)

ask@uws.ac.uk