UNDERGRADUATE GUIDE
2018/19

UNIVERSITY OF THE WEST of SCOTLAND
UWS

OPEN DAYS Get a taste of UWS p64

Life at UWS p52

DREAMING BELIEVING ACHIEVING

University

INNOVATIVE LEARNING

Our NEW Lanarkshire Campus p10

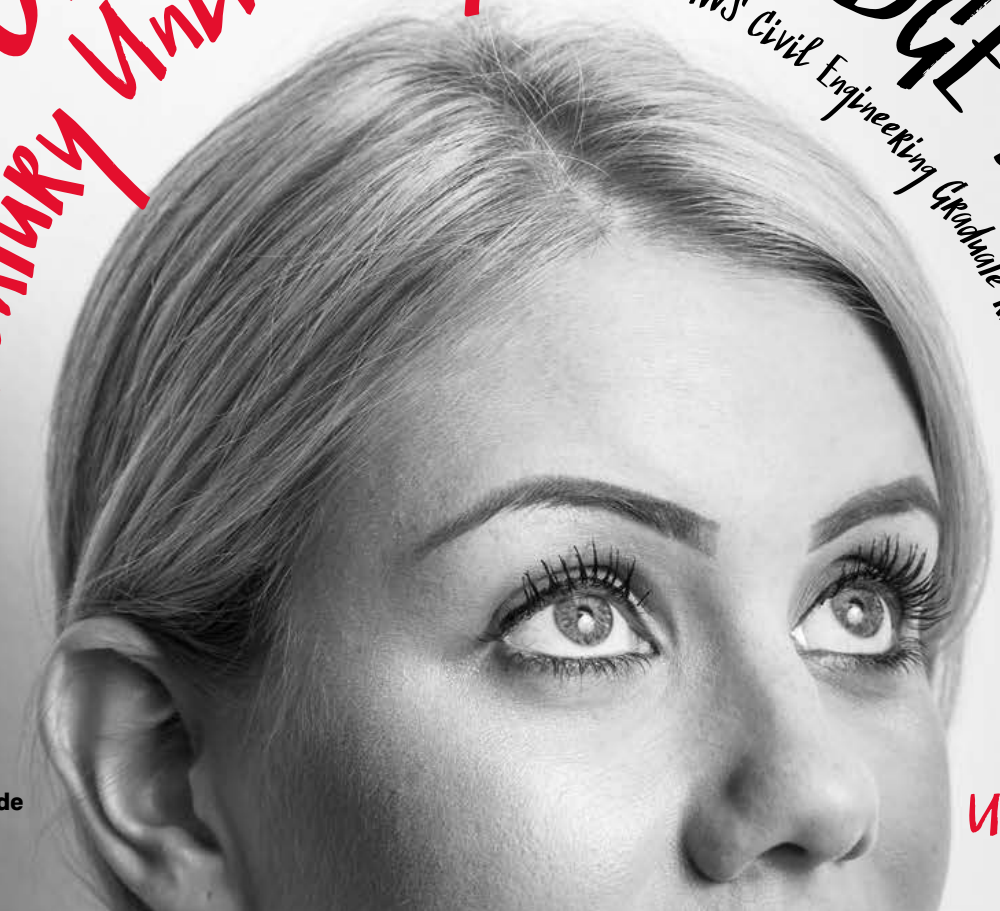
WORK-READY GRADUATES
Helping you succeed p6

The POWER of SONG
Music helps Dementia Care p11

NO BRIDGE TOO FAR
Profile on UWS Civil Engineering Graduate KATIE DUFF p9

THE FUTURE IS HERE
Immersive Technology at UWS p10

A 21st Century University



UCAS Institution Code
U40

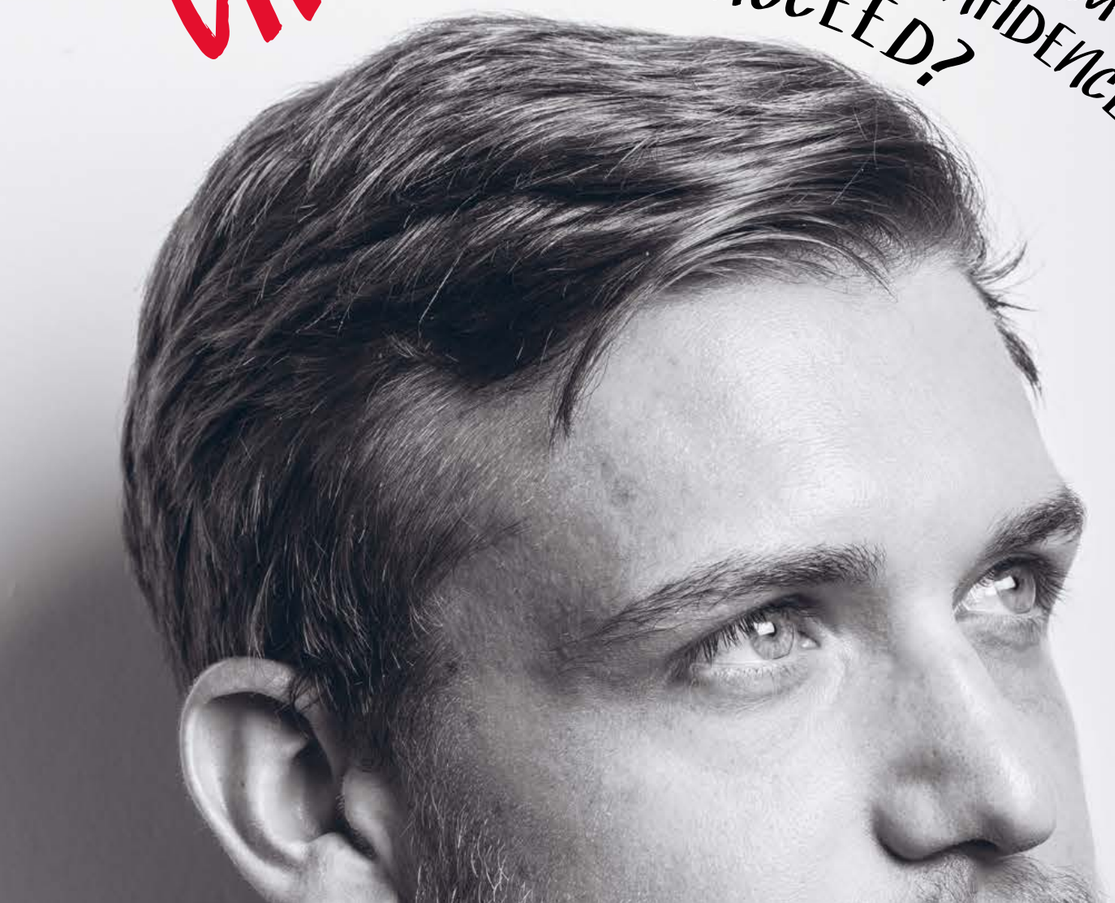
UWS.AC.UK

Read UWS Chemistry graduate
Andrew Fraser's story –
The cure finder, p45.

WHAT MAKES UWS?

Is it the inspiring LECTURERS with years of INDUSTRY experience?

OR is it the CAREER-FOCUSED COURSES DESIGNED to EQUIP you With the SKILLS & CONFIDENCE to SUCCEED?



OR could it be the HANDS-ON LEARNING, and PLACEMENTS where you put THEORY into PRACTICE on REAL PROJECTS?

It's ALL OF THESE, and more. We're a MODERN UNIVERSITY For the TWENTY-FIRST CENTURY

JOIN US.

CONTENTS

4
INTRODUCING UWS

Our graduates are ready to excel in their chosen professions through our unique approach to learning. Find out more about international experiences offered to students and the leading academics and industry figures that you will learn from.

Making our mark 4
UWS at a glance 5
Work-ready graduates 6
An international university 7
Learn from the best 8

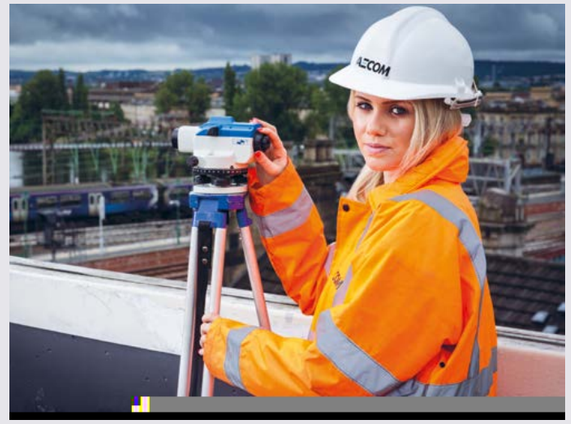
Read UWS Business Technology graduate Ashley Forrester's story – The biztech superstar, p22.

You can return to this page when you see this icon

9
FEATURES

Find out how the work of UWS and our alumni is shaping the world around us.

New blood 9
No bridge too far 9
Blockbuster Mark 9
Lights, cameras, education 10
Virtual reality, real opportunity 10
Leading the way in educational spaces 10
Stranger than science fiction 11
Thin films, big waves 11
Break the barriers with song 11
University of the whole world 12
Global learners 12
Scoring success on and off the court 12



13
COURSE INFORMATION

Business 13
Education 18
Computing 21
Engineering 26
Creative Industries 31
Social Sciences 36
Health, Nursing & Midwifery 40
Science 44
Sport 49

52
LIFE AT UWS

Our campuses 53
International students 55
Advanced entry 57
Student support 58
Students' Association 59
Sport at UWS 60
Application & entry requirements 61
International applications 62
Finance 63
Open days & further info 64

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, Diagio, 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

2ND IN SCOTLAND

for Electrical and Electronic Engineering, Metallurgy and Materials

100%

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%

88% of the Allied Health Professions, Dentistry, Nursing and Pharmacy research environment judged as World-Class/ Internationally Excellent

A MASTERCLASS IN CREATIVE MEDIA

"We believe in partnership with business – private, public and global."

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

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.

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.

Film producer James Gay-Rees with Professor Nick Higgins

PLACEMENT EMPLOYERS

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

GlaxoSmithKline
Balfour Beatty
Rolls-Royce
IBM
Hilton
BBC
STANDARD LIFE
Network Rail
4
hp
LIDL
National Australia Bank

NEW BLOOD

ALUMNI:
Louise Jackson

COURSE:
BSc (Hons) Applied Biomedical Science

CURRENT ROLE:
Specialist Biomedical Scientist at the Royal Alexandra Hospital (Haematology & Blood Transfusion Department)

Louise Jackson was working full-time before many of her peers had even finished their training.

UWS is one of only a few universities in Scotland to offer a degree accredited by the Institute of Biomedical Science (IBMS). "This was one of the main reasons I chose UWS," says Louise, "if the course hadn't been accredited, I'd have faced another round of assessments once I graduated."

As it was, Louise was already working for the NHS by the time she collected her degree.

"I'm involved in everything from routine blood tests to life-saving blood transfusions – we work to ensure blood and blood products are compatible for issue to patients."

It's a role she loves, but one she might have missed out on if it weren't for her third-year placement. She was one of only ten students to earn a place in a Greater Glasgow and Clyde NHS laboratory. Here, she had the opportunity to complete her training portfolio – a prerequisite for anyone wanting to work in biomedical science.

Louise now can't imagine working in any other field, but that wasn't always the case. Thankfully, the course covered all aspects of biomedical science, starting with broad concepts before drilling down into more specific disciplines – something she says helped her choose her specialism.

Since that day, she's never looked back. "We may not be the most visible department in the hospital, but without our work the doctors and nurses couldn't do what they do. It's a really rewarding career."

NO BRIDGE TOO FAR

ALUMNI:
Katie Duff

COURSE:
BEng (Hons) Civil Engineering

CURRENT ROLE:
Engineer at AECOM

If you find yourself passing an old railway bridge, on a Sunday morning before the sun comes up, and spot someone with a hard hat and high viz jacket taking some measurements, it might just be Katie Duff.

A 2014 Honours graduate on our Civil Engineering course, Katie's nocturnal outings are essential to keep an eye on the condition of the country's railway bridges. (Trying to measure them through the daytime when services are running is an unnecessary risk.) Her work as an engineer stretches back to her days as a student at UWS when she spent her summer placement with Amey, a UK and international consulting and infrastructure support business, surveying railway bridges as part of a pilot project for Network Rail.

"The sandwich degree course meant I had the opportunity to undertake a 36-week work placement."

"It also included a 5,000-word report that was validated by my tutor. I believe this work experience was essential in helping me find a job so quickly."

Katie actually received two job offers before graduating. One came from Amey and the other from AECOM, a US construction firm which had successfully pitched for the Network Rail infrastructure inspection and assessment project. She chose AECOM.

Are the things she learned on the course relevant to her role? Katie reckons they are, especially the practical modules on surveying, which is something she does every day. She said, "The course gave me a broad base of knowledge which I can apply in my job and which has allowed me to go on to study towards a Masters before I go for Chartership status with the Institution of Civil Engineers."

BLOCKBUSTER MARK

ALUMNI:
Mark Johnstone

COURSE:
BA (Hons) Filmmaking and Screen Writing

CURRENT ROLE:
Freelance assistant film director

Proving that you don't need to spend an apprenticeship as a server in fast food restaurants before breaking into the movie business, Mark Johnstone bagged his first role within weeks of graduating from UWS. His lecturer had put him forward for a training scheme for new entrants to the film and TV production industry in Scotland – Jump Cut run by Film City Glasgow. It was on that course where he met the person who would give him his first job.

Since those first steps in 2013, as a floor runner on BBC Scotland's River City, his freelance career has blossomed. With hardly enough time off to fit in a proper holiday, Mark has been working with some of the biggest Hollywood names – including Disney and Warner, and award-winning director Tim Burton.

Mark reckons the UWS course provided the right foundation to learn about the industry, and cites the numerous guest lecturers as being instrumental in helping him get to grips with the various roles and careers available.

Mark says, "I loved my time at UWS and found it to be a real character-forming experience. My lecturers were friendly, open and well-informed. It was their insight into the industry that helped me decide what it was I wanted to do."

His approach to work is the same as his approach to studying – you only get out of it what you put in. In the short-term Mark's happy to work his way up the ladder to reach his ambition of having a strong creative input in a feature film, and perhaps one day becoming a producer.

KNOW YOUR FILM INDUSTRY ROLES:

BEST BOY
Assistant to the chief electrician (Gaffer)

CLAPPER LOADER
Works the clapperboard (slate) to start each take

DOLLY GRIP
Pushes & pulls a mounted camera along a track

DRAPESMASTER
In charge of all the soft furnishings on a film set

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.

LIGHTS, CAMERAS, EDUCATION

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 of Broadcast Production: TV & Radio and Journalism/Journalism (Sport) 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. Having a TV station on our doorstep is a huge plus for the University and gives our students invaluable experience in live TV, from both a journalism and production perspective.

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

1957 – **First broadcast, a variety show from Glasgow's Theatre Royal.**

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

2014 – **STV Glasgow launched, followed closely by STV Edinburgh in January 2015.**

2017 – **STV2 launched, combining the Glasgow and Edinburgh services**

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.ac.uk/ug

IMMERSIVE

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.

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?" Just some of the creative challenges facing future UWS students.

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.

STUDENT POPULATION OF

4,000

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.

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."

Take a Wireless Networking Honours module as part of a Computer Networking BSc (Hons), and you could hear from PhD students working at the leading edge of this research.

"We update our teaching materials regularly, to reflect our research areas... including the latest advances, informed by SELFNET."

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.

THIN FILMS EVERYWHERE

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

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

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 CO2 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!"

"We have an array of exciting, world-leading research programs."

BREAK THE BARRIERS WITH SONG

UWS uses a care empathy approach to help student nurses provide care for the person with dementia with compassion and confidence.

"Experience-based learning is so important," explains Debbie Tolson, Alzheimer Scotland Professor of Dementia at UWS and leader of Scotland's Dementia Champions education team. "It means they get the experience of not being able to hear or move well, in the safety of our living laboratory. It gives students a chance to develop a deeper understanding, to see situations differently, and it gives them the tools to notice when things might not be quite right."

Dementia care is embedded in the nursing courses at UWS. And every aspect of your training is career-focused: you learn the essential skills you need to support people who have complex, changing care needs.

At the root of all the activity is the University's close partnership with Alzheimer Scotland. Debbie works with the organisation on a range of projects – and each one makes a direct contribution to the practice of care in hospitals and homes across the country.

One such project has been extremely successful: bringing together nursing and music students to find new ways to tell the stories of people with dementia. "Students from Mental Health Nursing and Adult Nursing have been working together with students on the Commercial Music course. The nursing students help music students to understand dementia. The music students then worked with people who live with dementia to create a playlist of songs about their lives. The songs were released over the course of Dementia Awareness Week in 2016.

"For the students, it was a fantastic opportunity to teach their subjects to one another. And throughout the project, they had to take on so many different responsibilities – from working flexibly in difficult situations to making people feel safe and comfortable enough to tell their story," Debbie says.

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 more than 120 university partners 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.

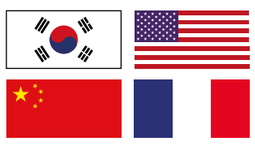
"So the portal will include a broad range of work, volunteering and summer schools that aren't directly related to our courses, as well as the opportunities that are unique to UWS students."

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, but all international trips will be recorded in the student's Higher Education Achievement Record.

Professor Davison concluded, "Research shows that students with international learning or work experience tend to get a higher degree classification and enjoy higher employability potential too. What's more, they're generally more popular with employers because of the, often wider, experience they bring."

AN INTERNATIONAL UNIVERSITY

120 EUROPEAN PARTNERS



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

GLOBAL LEARNERS

Each year many of our students get the chance to undertake exciting opportunities across the world which contribute towards their degree. Here are just a few examples:

'Clean safe water saves lives'
In spring 2017 UWS Social Work students from Paisley and Dumfries campuses worked with the residents of Nasavahn and Houy Mieng villages, near the UNESCO world heritage town of Luang Prabang, Laos, to improve the quality of their water supply.

Paul Harvey, lecturer in Social Work, said: "Laos is one of the world's poorest countries with a rich cultural heritage. The villagers of Nasavahn and Houy Mieng requested our support to which we were delighted to respond. Clean safe water saves lives."

Practical education is integral to the degree and this placement provided the students involved with a unique opportunity to add an international dimension to their practice learning.

"By undertaking this international placement we facilitated our students' experiential education as global citizens and made some practical positive improvements to people's lives," says Paul.

Student feedback from the trip has been extremely positive. Michelle Burton, who studies at Dumfries Campus says of the trip to Laos, "The placement was a fantastic opportunity and has had a huge impact on my development not only academically, but also as a person," she says.

Overseas exchange in China
As part of our internationalisation plans and in order for students to gain more international experience, the School of Engineering & Computing and the School of Health, Nursing & Midwifery teamed up with partner institution University of South China (USC) in Hengyang, Hunan Province, China, to organise a two-week field course for students in summer 2016.

Students had an invaluable opportunity to take part in Chinese lessons and cultural shows, visited hospitals and software companies, and also got involved in a range of recreational activities with USC students, including sightseeing to places such as Nanyue mountain, one of China's Buddhist holy lands.

Early learning in Milan and Madrid
While many Childhood Studies students take placements in early years learning centres around Scotland, a new initiative has opened up opportunities for three-week nursery placements in Milan and Madrid.

Dorothy Johnson, a Senior Lecturer in Education at UWS, organises the placements for students. "Our students do the same things they would in Scotland, but they gain experience of a different culture. It's all about internationalising the curriculum, giving our students something that really stands out on their CV – and helps them show their experience when they go for an interview," says Dorothy.

Judith Park, a recent beneficiary of this great opportunity had nothing but positive things to highlight upon her return. "I have to say going to Madrid has been the best experience ever. It's such a great opportunity that UWS offers, to look at different ways of teaching and I would recommend it to anyone."

SCORING SUCCESS ON AND OFF THE COURT

When asked about her greatest accomplishment, Carla Borrego, Goal Shooter for the UWS-sponsored Sirens netball franchise, 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 have recently completed their first season with the Sirens in the Vitality Superleague where they finished in an impressive fifth 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. "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."

And what about next season with the Sirens? "I'm very confident that if we can keep the team together we can do great things next year. We have amazing fans, great facilities at the Emirates Arena and supportive partners at UWS to help us achieve our goals."

On top of our sponsorship of the Sirens, UWS is 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

SECTION CONTENTS

Accounting	15
Business	15
Business & Finance	15
Business & HRM	15
Business & Marketing	16
Business with English Language (Cert HE)	16
Events Management	16
International Business (Accelerated)	16
Law	17
Legal Studies	17
Tourism Management	17
Other advanced entry options	17

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

1st cipd

BA (Hons) Business & Human Resource Management – first and only undergraduate programme in Scotland to gain accreditation from the Chartered Institute of Personnel and Development

ENTRY REQUIREMENTS KEY

H	SQA Higher Grade
AH	Advanced Higher
SG	Standard Grade
Int2	Intermediate 2
Nat5	National 5
AL	GCE A-Levels

ILC IRISH LEAVING CERTIFICATE:

H	Higher Level
O	Ordinary Level

IB INTERNATIONAL BACCALAUREATE DIPLOMA:

H	Higher Level
S	Standard Level

ENTRY REQUIREMENTS AND ADVANCED ENTRY

The University's minimum entry requirements and information on our advanced entry points are stated on page 61 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

www.uws.ac.uk/ug

School of BUSINESS & ENTERPRISE

Business

Choosing to study at our School of Business & Enterprise will offer a life-changing experience. Your student experience is at the heart of our programmes and we collaborate with business leaders to ensure you have the right skills and knowledge to meet the demands of commerce and industry in the 21st century.

93%

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

[1] Graduates from the School of Business & Enterprise
[2] HESA Performance Indicator 2015/16

Work-ready graduates
Our collaboration with industry at the design stage ensures our programmes meet the needs of today's job market and provide a strong platform from which you can launch your career. Guest speakers from industry regularly come to talk to students and to share their real-world experience.

Our graduates have been hired by organisations such as:

NHS Scotland
IBM
Barr
RBS
Chivas Regal
National Australia Group
Shell
Ford
Motorola
Scottish Power
Doosan Babcock
Glasgow 2014 Ltd

Get involved
An essential part of being a UWS business & enterprise student is putting what you've learned in the classroom into practice. That's why we provide lots of opportunities for students to get hands-on experience -

- **Innovative learning spaces:** the Enterprise Zone was launched in 2017 and delivers an innovative space for students to study, learn, collaborate with employers, be creative and develop their skills further.
- **Real-life experiences:** our Events Management students helped to deliver the 2016 MOBO Awards in Glasgow, learning about design, staging and helping to create experiences for attendees before, during and after the event.
- **Engagement with the Prince's Trust:** we are currently the only UK university which has an agreement with the Prince's Trust to promote and support self-employment and business creation among young people.
- **Participation in the Markstrat business simulation game:** as part of the Dukenet group of European universities, of which we are the only Scottish member.

Research excellence
We have developed core activity in world-leading/internationally excellent, business-related research, which underpins curriculum development, teaching and learning, and staff development. This was recognised in the 2014 Research Excellence Framework for our submission in Business & Management Studies. You will benefit from our modern facilities and the real-world experience of our staff; many are working as consultants on international projects, which means that you will profit from our developing links with partners in China, India, Russia, Europe and the Persian Gulf States.

Links with industry
Our Industrial Advisory Partnership Board provides an advisory forum for the discussion and development of programmes and modules of study in the Business discipline to ensure programmes and activities are informed by best practice and aligned with the interests and needs of the student body. It aims to:

- increase student opportunities and engagement with businesses
- provide advice relating to business and commercial opportunities and developments
- provide advice relating to research developments and opportunities
- provide advice relating to career opportunities for students and alumni

ALUMNI PROFILE

Events maestro

ALUMNI:	COURSE:	CURRENT ROLE:
Yasmin Paris Love	BA (Hons) Events Management	Hire Manager at mclcreate

Yasmin had planned to go to a different university – until she attended a UWS Summer School. "From my interactions with UWS staff and students, I knew I had to study here."

Yasmin's career to-date has left her in no doubt that she made the right choice.

As a student, she put her newfound events knowledge into practice, joining the Students' Association team. After graduating, this experience directly helped her land other events roles in Glasgow – then London, then America.

She's worked on everything from conferences to festivals. In fact, just two years after graduating she was involved in six major UK festivals within the space of a single summer - including Creamfields, Bestival, and British Summer Time Hyde Park.

Throughout them all, she's been amazed at how closely projects reflect what she learnt at uni. "The course content is totally geared up to how events work in the real world – especially the modules in business and law which, amazingly, not all events programmes offer.

"If you want to develop academically, be taught by lecturers who are actually experienced in your chosen industry, and get the skills and work experience you need to find employment, then UWS is, I think, the only choice."

Changing the way we see African enterprise

"The mindset about Africa needs to change," says Professor John Struthers, Director of the Centre for African Research on Enterprise and Economic Development (CAREED), a key component of the University's Global Reach agenda. He set up the centre to bring together the wide range of expertise at UWS – with around 12 academic staff in the School of Business & Enterprise working on African research.

"We look at Africa on an economic level, not historical or anthropological. Many of us are from Africa too – we have lecturers from Nigeria, Ghana, Ethiopia, Tanzania, Malawi and Egypt.

"And we have a lot of PhD students studying here too – from countries like Nigeria, Ivory Coast, Ghana, Uganda and Libya. It made sense to bring everyone together to focus on progressive economic development, rather than the worn out approach of aid."

CAREED's focus is on research for PhD students and lecturers, but there are implications for business and enterprise students at undergraduate level.

Many countries in Africa are on course for rapid growth. "Ethiopia has one of the highest rates of economic growth in the world, though this is from a very low base," says John, "and Nigeria is also a major economic powerhouse economy, especially in West Africa." And if you're interested in enterprise, then look to these economies for an equal dose of challenges and rewards.

There's no shortage of research ideas either. "One student of mine is working on the efficiency of banking in African countries, another is investigating the Ethiopian commodity exchange," says John.

And where does all this lead? Back to Africa, says John. "A former student of mine is now vice chancellor at a university in Nigeria. Others go into academia, or into big international organisations. When people from African countries come to study their PhD here, they often return to those countries to continue their work. But there are exceptions – one has just got a job in entrepreneurship here at UWS."

RAPID GROWTH IN AFRICA...

Means lots to learn for students

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.

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 transferrable 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.

Algae rhythm: optimising the use of excess renewable energy

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.

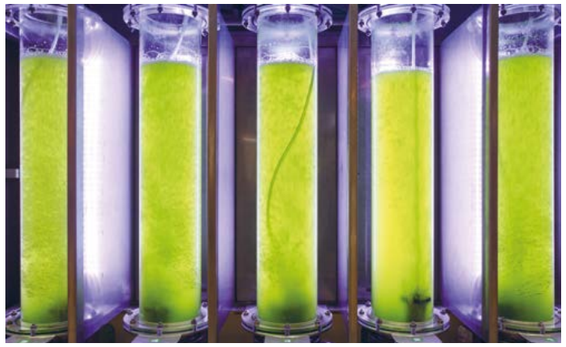
That's the aim of the ASLEE project – a collaboration between the School of Business & Enterprise and the School of Engineering & Computing at UWS, as well as the Scottish Government, local community groups, and private companies.

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

Accounting

SCHOOL: Business & Enterprise

DURATION: BAcc Hons 4 years

CAMPUS: Lanarkshire, Paisley, South Lanarkshire College[1], New College Lanarkshire[1]

UCAS CODE: N400

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/ug**

The programme covers the full range of accountancy subjects, giving you the specialist and generic transferable skills to meet the challenges of an accountancy career.

A variety of teaching and learning approaches are used, with emphasis on teaching towards practical aspects of accounting. Modules are delivered by highly-qualified accounting and finance professionals. Guest speakers will further deepen your understanding of the subject.

You may undertake an optional one-year placement. Study abroad opportunities are available.

Recent graduates hold a variety of positions in finance related areas including Financial Analyst, Accounts Senior, Financial Assistant, Assistant Accountant, Trainee Graduate Accountant, Credit Operations Advisor and Tax Specialist.

On completion of your studies you can go on to take your professional exams with the main accountancy bodies such as ICAS, ACCA, CIMA and CIPFA for which the maximum exemptions are in place – conditions apply, for full details, see our website.

96% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc English
AL: CCC or 96 UCAS Tariff points plus GCSE English Language
ILC: H3H3H3H4 inc English
IB: 24 points with 4 subjects at H4
Scottish Wider Access Programme: Access to Humanities: BBB

Direct entry to Year 2 (with an HND) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

[1] Year 3 entry to this UWS programme is also offered at South Lanarkshire College under our partnership agreement and is currently pending approval to be offered at New College Lanarkshire, Motherwell Campus. Please note that these routes are/would only be open to students who have completed an HND in Accounting at those institutions. Students wishing to complete the Honours year will be required to attend either the Paisley or Lanarkshire campuses.

91% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

Business

SCHOOL: Business & Enterprise

DURATION: BA Hons 4 years

CAMPUS: Lanarkshire, Paisley

UCAS CODE: N100

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/ug**

Developed in partnership with business and industry, this degree offers an excellent grounding in business and enterprise skills.

The programme offers a broad-based, integrated perspective on business life from operational to strategic levels. You can generalise your degree or specialise in an area such as enterprise and entrepreneurship, marketing or HRM. The programme includes talks from, and visits to, local and national employers. Study abroad opportunities are available.

Many of the core module skills are in line with the requirements for graduate trainee programmes, preparing you for a career in national and international organisations.

Graduates of this programme can apply for Chartered Management Institute (CMI) exemptions. Details regarding any additional costs associated with applying for and maintaining membership of CMI can be found at **managers.org.uk**

You can enter the public, private or voluntary sectors, at home and abroad, in areas including local government, health, manufacturing, or retail. Roles include financial services consultant, marketing manager and retail manager.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc English
AL: CCC or 96 UCAS Tariff points plus GCSE English Language
ILC: H3H3H3H4 inc English
IB: 24 points with 4 subjects at H4
Scottish Wider Access Programme: Access to Humanities: BBB

Entry to Year 2 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

91% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

Business & Finance

SCHOOL: Business & Enterprise

DURATION: BA Hons 4 years

CAMPUS: Paisley

UCAS CODE: N1N3

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/ug**

The programme covers a range of business and finance subjects, providing you with the generic transferable, and specific career oriented, skills to meet the challenges of a career in modern business.

Modern business graduates need to understand how business and management works but they also need to have a clear understanding of the most important element for the survival, stability and growth of a business - its finance.

This programme will provide you with a clear understanding of how finance works and the ability to source the best finance, allocate funding appropriately, and control financial resources.

The financial skills will enable you to prepare and interpret financial statements and apply these to the business skills you will develop alongside these.

At the time of writing it is intended that part-exemption from the accountancy professional bodies, ACCA and CIMA will be sought to allow you the opportunity to complete professional examinations on completing your studies.

Graduates are prepared for careers in business, management and finance, or a combination of these.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc English
AL: CCC or 96 UCAS Tariff points plus GCSE English Language
IB: 24 points with 4 subjects at H4
Scottish Wider Access Programme: Access to Humanities: BBB

Entry to Year 2 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Business & HRM

SCHOOL: Business & Enterprise

DURATION: BA Hons 4 years

CAMPUS: Paisley

UCAS CODE: N1N6

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/ug**

This degree provides you with the skills and knowledge to operate successfully in a professional capacity in human resource management (HRM).

It covers specialised areas of HRM, general business and management and develops employability skills ensuring you have the flexibility to pursue a generalist management or specialist human resource (HR) role. Study abroad opportunities are available.

Recent HRM graduates are now employed in organisations including Ford, Motorola, IBM, Scottish Enterprise, local authorities and the NHS.

UWS is currently the only Scottish university with Chartered Institute of Personnel and Development (CIPD) approval for an undergraduate programme.

Students successfully completing the programme will be eligible for Associate Membership of the CIPD – conditions apply, for full details see our website.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc English
AL: CCC or 96 UCAS Tariff points plus GCSE English Language
IB: 24 points with 4 subjects at H4
Scottish Wider Access Programme: Access to Humanities: BBB

Direct entry to Year 2 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Business & Marketing

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	BA Hons 4 years	Paisley

UCAS CODE:	CONTACT:
N1N5	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme will give you a sound grasp of the principles and practice of marketing for modern businesses.

Specialist marketing modules and general business modules are offered. Economics, accounting, human resource management and law will provide you with the skills required to excel in a marketing career.

Our links with local and national organisations ensures classroom activities and assessments focus on real companies with real marketing issues. Study abroad opportunities are available. Typical roles include Project Director, Sales Promotion Manager, Public Relations Manager, Product Manager and Marketing Research Specialist.

Graduates are encouraged to join the Chartered Institute of Marketing and strive towards Chartered Marketer status.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc English
AL: CCC or 96 UCAS Tariff points plus GCSE English Language
ILC: H3H3H3H4 inc English
IB: 24 points with 4 subjects at H4
Scottish Wider Access Programme: Access to Humanities: BBB

Entry to Year 2 (with an HNC) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Business with English Language (Cert HE)

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	Cert HE 1 year	London

APPLY:	CONTACT:
Please apply online at **uws.ac.uk/ug**	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

Developed in partnership with business and industry and aimed at the international student market this Certificate in Higher Education offers an excellent grounding in business skills.

The core module skills are in line with the requirements for graduate trainee preparing you for a career in national and international organisations. Core modules are: Accounting for Business (20 credits), Business in the 21st Century (20 Credits), English for Academic Purposes (40 credits), Foundations of HRM (10 credits), Fundamentals of Marketing (10 credits) and The Economic Environment (20 credits).

Completion of this Certificate can gain access to the BA International Business (Accelerated) programme (see opposite).

ENTRY

Year 1
H: BBCC, or equivalent, or 96 UCAS Tariff points inc English
AL: CCD or 88 UCAS Tariff points
ILC: H3H3H4H4 inc English
IB: 24 points with 4 subjects at H4
Scottish Wider Access Programme: Access to Humanities: BBB

100% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

Events Management

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	BA Hons 4 years	Lanarkshire, Paisley

UCAS CODE:	CONTACT:
N820	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This recently updated and revalidated degree is designed to give you the essential knowledge and practical experience to build a career in the exciting, fast-growing events industry.

The programme focuses on the development of operational and managerial skills across a range of events industry sectors, including project management, legislation and risk management – all essential skills for the professional events manager.

You will explore a range of event management processes and have direct involvement in the planning and staging of live events. A special feature of this course is the recently validated Festival Curriculum structure designed to bring students together to work on some exciting live event projects.

The programme team have a close liaison with industry leaders and professional bodies/trade associations in the events industry such as ABPCO and NOEA ensuring that the programme remains up-to-date and relevant. Guest speakers from industry and governing bodies are a regular feature of the programme to enhance the learning experience for our students.

Volunteering and work-related opportunities are offered. Study abroad opportunities are available.

Career choices include event manager; working in sports venues organising conferences; assisting large corporations to launch products; or fundraising for voluntary organisations.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc English
AL: CCC or 96 UCAS Tariff points plus GCSE English Language
ILC: H3H3H3H4 inc English
IB: 24 points with 4 subjects at H4
Scottish Wider Access Programme: Access to Humanities: BBB

Direct entry to Year 2 (with an HNC) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

International Business (Accelerated)

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	BA Hons 2 years	London

APPLY:	CONTACT:
Please apply online at **uws.ac.uk/ug**	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

Developed in partnership with business, industry and professional institutes and aimed at the International student market, this degree offers an excellent grounding in business skills.

The programme offers a broad-based, integrated perspective on business life from operational to strategic levels.

Many of the core module skills are in line with the requirements for graduate trainee and the Chartered Management Institute (CMI) programmes, preparing you for a career in national and international organisations.

Graduates of this programme can apply for CMI exemptions.

You can enter the public, private or voluntary sectors, at home and abroad, in areas including local government, health, manufacturing, or retail. Roles include financial services consultant, marketing manager and retail manager.

ENTRY

Year 2
AL: BBB or CC plus successful completion of Introduction to Business - four week intensive course, and work experience in a relevant business area or 120 UCAS Tariff points.
IB: 28 points
BTEC Extended Diploma: DDM

Business with English Language (Cert HE) or equivalent will also be acceptable.

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

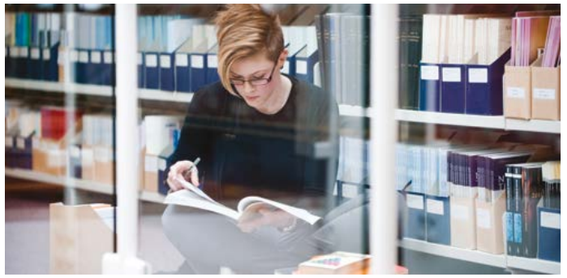
Law

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	BA Hons 4 years	Paisley

UCAS CODE: M101

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/ug**



This degree is designed for those pursuing a career in the legal sector and for those who wish to obtain a degree which is sought after by employers in a variety of other law related and business sectors.

Students study a wide range of legal subjects which, if students wish, can be combined with the study of languages and/or wider business subject areas. Study topics across the first three years include Criminal Law, Public Law, the Legal System, Scots Law, Corporate Law, Employment Law, and International Human Rights Law. Honours year allows students to develop in-depth legal knowledge and understanding in a range of subject areas.

Graduates enjoy careers in the legal sector and in the wider business sector. Other opportunities include citizens advice, trading standards, accountancy, local government, academia, the police force, and roles within banks and finance companies. Graduates can obtain further legal qualifications which could lead to a career as a solicitor.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc English
AL: CCC or 96 UCAS Tariff points plus GCSE English Language
ILC: H3H3H3H4 inc English
IB: 24 points with 4 subjects at H4
Scottish Wider Access Programme: Access to Humanities: BBB

Direct entry to Year 2 (with an HNC) may be possible. For specific grades and subjects see website listed above.

Legal Studies (3rd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	BA Hons 2 years	Paisley

UCAS CODE: M901

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/ug**

This programme will equip students with the knowledge of law which allows graduates to compete for employment in a wide variety of sectors such as within the legal profession or to obtain places on employer graduate training schemes such as that offered by the NHS. In addition the programme can be used as a first step to a career as a legal professional in Scotland and further afield by allowing graduates to gain entry onto further legal study.

Beyond legal knowledge, students will also develop skills in legal research and practical problem-solving.

Graduates will be well placed to compete for places on courses of further legal study; whether that is on an LLB course with a view to qualifying as a solicitor, or a specialist postgraduate course either in law or in another discipline. Graduates will have developed much sought after employability skills throughout the programme and will be able to seek employment in the legal sector and in other non-law related sectors.

ENTRY

Year 3
HND Legal Services or equivalent non-Scottish qualification

Tourism Management (3rd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Business & Enterprise	BA Hons 2 years	Paisley

UCAS CODE: N832

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/ug**

This recently updated and revalidated programme equips graduates to work in a variety of roles in one of the global economy's most significant industries.

You will gain enhanced knowledge and understanding of key industry trends and best practice, increasing your ability to contribute to contemporary tourism-related developments and distinguishing you as a professional tourism industry contributor. Study abroad opportunities are available.

Graduates pursue careers in the tourism sector including the hospitality industry, where opportunities exist in hotels and venue facilities management; conference and convention management; tourist attractions; and leisure services including outdoor and countryside activities.

Roles in tourism services include design, development and management of tourism products, services and entrepreneurial businesses. Graduates have also been employed in tourism marketing, research, development and tourism planning in local and international contexts.

ENTRY

Year 3
SQA HND / BTEC Level 5 HND / Foundation Degree: Tourism; Travel and Tourism; Event Management; Hospitality; Hospitality Management

100% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

Other advanced entry options

Business - Dumfries, Lanarkshire and Paisley

Events Management - Lanarkshire and Paisley

Human Resource Management - Paisley

Law and Business - Paisley

Marketing - Paisley

In 2016 the School of Business & Enterprise undertook an extensive portfolio review to ensure the University continues to produce graduates who are ready to shape the future. As such, the last entry point for our previous suite of programmes was September 2016. They will continue to be part of the University's Business offering until our 2016 students graduate in 2020. Therefore, there is an opportunity for advanced entry into Year 3 for the above subjects for those who meet the University's criteria. The Business and Events Management programmes will continue under the same titles however, the refreshed programmes will follow a slightly different curriculum.

For more information on these programmes see our website or contact us on **0800 027 1000** (**+44 141 849 4101** outwith UK) or at **ask@uws.ac.uk**

SECTION CONTENTS

Childhood Studies	20
Community Education	20
Education	20
English as a Second Language	20

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

The National Student Survey

95% overall student satisfaction – National Student Survey (NSS) 2016

THE COMPLETE UNIVERSITY GUIDE INDEPENDENT · TRUSTED

Our Education programme is ranked 4th in the UK in the Complete University Guide 2018

ENTRY REQUIREMENTS KEY

H	SQA Higher Grade
AH	Advanced Higher
SG	Standard Grade
Int2	Intermediate 2
Nat5	National 5
AL	GCE A-Levels

ILC IRISH LEAVING CERTIFICATE:

H	Higher Level
O	Ordinary Level

IB INTERNATIONAL BACCALAUREATE DIPLOMA:

H	Higher Level
S	Standard Level

ENTRY REQUIREMENTS AND ADVANCED ENTRY

The University's minimum entry requirements and information on our advanced entry points are stated on page 61 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

www.uws.ac.uk/ug

School of EDUCATION

Education

UWS graduates inspire and motivate children, young people and communities to be the best they can be. Our graduates are transforming lives, locally and worldwide.

98%

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

[1] Graduates from the School of Education
[2] HESA Performance Indicator 2015/16

Our programmes
You will have the opportunity to gain valuable practical experience of interacting with children, young people and adults through placements in pre-schools, primary schools and community settings. Guest speakers from a variety of relevant organisations frequently share their insights to professional contexts with students.

Teacher education in Scotland – one-year induction
Students undertaking programmes leading to qualified teacher status are guaranteed an induction place in a Scottish school following successful completion of the degree; this allows graduates to continue to develop their knowledge and skills as a teacher.

Practical experience
BA Education gives you the chance to enjoy hands-on work experience in relevant pre-school and primary school settings throughout the programme. Childhood Studies students undertake practical experience each trimester and complete a research project in an area linked to their career goals and aspirations. Work-related learning allows you to put theory into practice in a real-life setting. Practice learning is also a key aspect of Community Education, where you can choose experiences in the community, public or voluntary sectors.

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

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 will directly benefit from their extensive expertise and experience in your everyday learning.

For more info on the research we carry out visit **uws.ac.uk/schools**

Career-long Professional Learning (CPL)
CPL is increasingly important for those working within learning and teaching contexts. We offer a range of career-focused CPL courses. It is hoped that those who graduate from undergraduate programmes will continue at UWS to enhance their knowledge and skills by taking further courses of professional development, potentially leading to Masters and Doctoral level.

Physics/Chemistry with Education
The University has introduced concurrent degrees in Chemistry with Education (see page 47) and Physics with Education (see page 29). The degrees enable students to study Chemistry or Physics throughout the four years, with Education being introduced in Year 3. The programmes lead to BSc (Hons) degrees which include the qualification to teach either Chemistry or Physics in secondary schools.

ALUMNI PROFILE

Premier learning. Primary teaching.

ALUMNI:	COURSE:	CURRENT ROLE:
Stacey McKillop	BA (Hons) Education	Primary school teacher

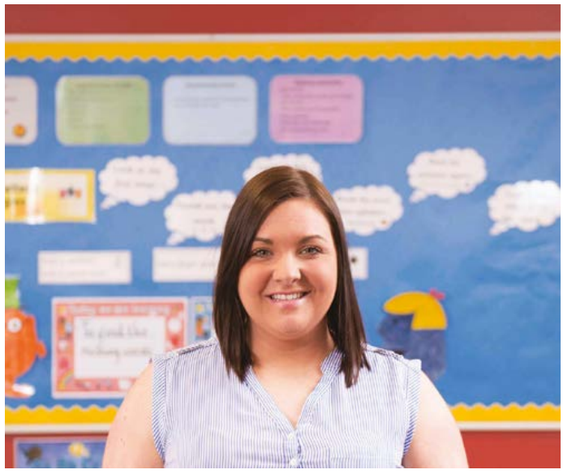
"There's such a strong focus on your profession at UWS," says Stacey McKillop, who is now teaching at Cambusnethan Primary School, Wishaw. "There's nothing on the syllabus that's not necessary for your career. And at UWS there's lots of support. The class sizes are small too, so you mix with different people in a comfortable environment." Her training at UWS stands her in good stead; Stacey now has a class of 23 Primary 1 children, and her head teacher wants to keep her on as a permanent member of staff.

When Stacey graduated, she felt ready to go straight into the classroom. "We had placements every year. Some courses elsewhere only give you placements in second or third year, but at UWS it was part of the programme from the start. It helps you understand whether or not teaching is for you."

Stacey didn't just perform well on the placements. She won an award for the best dissertation in Scotland from the General Teaching Council. She looked at how teachers can address the needs of looked-after children – but she never expected it to draw so much attention from the world outside university. "Since winning the award I've been asked to write an article, and been invited to events."

"We had placements every year. Some courses elsewhere only give you placements in second or third year, but at UWS it was part of the programme from the start. It helps you understand whether or not teaching is for you."

Stacey McKillop



All Teach...

The Wee University brings together UWS students and Early Learning and Childcare centres, showing just how much fun university can be.

When did you first think about going to university? Chances are it wasn't top of your priorities, aged four and three quarters when there were important tasks like finger-painting and stick-finding to be done.

The Wee University aims to change that, by bringing UWS Childhood Studies students and early learning and childcare centres together to promote lifelong family learning. The students take part in innovative, creative educational activities for the children – and the children learn a tiny bit about what university might be like. Lots of fun, basically.

The Wee University launched as a pilot scheme in session 2016-17 in early years centres in South and East Ayrshire, with the potential to roll out across the University's campus sites in Scotland.

RAISING ASPIRATIONS

Widening access to Higher Education remains a priority to increase the numbers of students being granted university places.

The Wee University is an example of best practice by increasing aspiration in families with children in early years, to widen access across early years, universities and employers.

INNOVATIVE, CREATIVE EDUCATIONAL ACTIVITIES FOR CHILDREN

INTRODUCING THEM TO THE IDEA OF UNIVERSITY

MAKING IT AN OPTION FOR CHILDREN REGARDLESS OF THEIR SOCIAL BACKGROUND

All Learn...

The aim is to raise awareness of future learning opportunities, to make university a real option for all children regardless of background.

The initiative will raise the aspirations of future learners, says Professor Craig Mahoney, Principal and Vice-Chancellor of UWS. It may even provide that first thought – and the first step – that leads people to study at university.

Importantly, the Wee University isn't just for children: all the family can get involved.

It's part of a wider initiative to break cycles of deprivation and low aspiration – and encourages the whole community to get involved.

The Minister for Further and Higher Education and Science, Shirley-Anne Somerville, attended the launch event. She said, "Education is one of the most powerful tools at our disposal to help overcome the barriers associated with inequality. It is the foundation on which our society is built and on which our economy grows."

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 peoples' 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 Studies (2nd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Education	BA Hons 3 years	Ayr, Dumfries[1], Lanarkshire

UCAS CODE:	CONTACT:
L560	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This degree offers you the opportunity to build a career supporting children and their families in a variety of environments. It will deepen your understanding of issues related to childhood and services for children and their families.

You will enhance your appreciation of the values underpinning children's services, and the importance of working partnerships with professionals from differing disciplines and address childcare-related management issues.

You will have the chance to complete two three-week blocks of work-based experience each year and in Year 3 this may be abroad (currently Italy and Spain).

UWS graduates have embarked on careers as family support workers, early years practitioners and NHS community nursery nurses.

91% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

ENTRY

Year 2
SQA HNC / BTEC Level 4 HNC:
Early Education and Care, Childcare and Education or Childhood Practice

Direct entry to Year 3 (with an HND) may be possible. For specific grades and subjects see website listed above.

Applicants who do not meet the entry criteria but hold similar childcare qualifications together with relevant work experience are encouraged to contact us for advice on Recognition of Prior Learning (RPL) for entry to second year.

NB: This qualification is not a nursery or primary teaching qualification and does not allow registration with Scottish Social Services Council as a Lead Practitioner.

Students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see **scotland.gov.uk**

[1]Offered on a full-time basis at Dumfries Campus, subject to demand.

"The placement opportunities within my course provide me with real experience in the workplace to support my future career opportunities. They allow me to put the knowledge I have gained in the class into practice."

Sin-Yi Fu
CHILDHOOD STUDIES STUDENT FROM HONG KONG

Community Education

CLD STANDARDS COUNCIL FOR SCOTLAND

SCHOOL:	DURATION:	CAMPUS:
Education	BA Hons 4 years	Lanarkshire

UCAS CODE:	CONTACT:
L540	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme is suited to those already involved or interested in working with people in communities in order to facilitate critical and social education. Learning about theories, principles and practices of Community Education, you will examine concepts that underpin equality and social justice.

Practice learning placement is integral to the programme and is developed through experiential learning in a Community Education setting. Students can use existing voluntary or paid work for two out of three placements.

UWS graduates move into roles as youth workers, adult educators and community development practitioners in areas such as community health, regeneration, family learning, facilities management, home school partnership work, development of achievement awards, managing national and international charities, teaching in further and higher education, working across the statutory, voluntary, community and public sectors at home and abroad.

The BA and BA Hons are approved as professional qualifying programmes in CLD by the Community Learning and Development Standards Council for Scotland.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc English
AL: BCC or 104 UCAS Tariff points inc English
ILC: H3H3H3H4 inc English
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Applicants who do not meet the entry criteria but hold similar qualifications in a related field together with relevant work experience are encouraged to contact us for advice on Recognition of Prior Learning (RPL) for entry to first or second year.

Students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see **scotland.gov.uk**

100% STUDENT SATISFACTION
TOP IN THE UK
NATIONAL STUDENT SURVEY 2016

Education

gtc SCOTLAND

SCHOOL:	DURATION:	CAMPUS:
Education	BA Hons 4 years	Ayr

UCAS CODE:	CONTACT:
X100	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This degree gives you the skills, knowledge and experience to build a career as a primary school teacher and offers the flexibility of combining your education studies with a specialism.

A range of qualifications may be possible, including: BA (Hons) Education; BA (Hons) Education with Health and Wellbeing; BA (Hons) Education with Literacy; BA (Hons) Education with Modern Foreign Languages; BA (Hons) Education with Mathematics; and BA (Hons) Education with Science.

Valuable opportunities for school placement are embedded in each year of the degree, providing hands-on experience to complement your academic studies. You would spend 30 weeks of the programme on placement. You would also have the opportunity to undertake a placement in an Additional Support Needs school.

You can undertake optional short and medium term placements in various countries; currently France, Spain, Norway and Israel.

New graduates are guaranteed a one-year induction post that enables you to complete your probation and achieve the standard required for full registration with the General Teaching Council for Scotland.

UWS graduates teach throughout Scotland and the UK, in Canada, New Zealand and in other Commonwealth and EU countries.

ENTRY

Year 1
H: AAAB, or equivalent, or 126 UCAS Tariff points inc English + SG / Int 2 / Nat 5 Maths at Grade B
AL: BBB or 120 UCAS Tariff points inc English + GCSEs English Language and English Literature at Grade A and GCSE Maths at Grade B
ILC: H1H1H1H2 or H2H2H2H3 inc English, plus O Maths at O2
IB: 32 points with 3 subjects at H4 inc English and S Maths at O2

The range of subjects across an applicant's qualifications should reflect those taught in the primary curriculum. An offer of a place on this programme is made on the basis of your application and successful interview.

Students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see **scotland.gov.uk**

96% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

English as a Second Language (3rd or 4th Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Education	BA Hons 1 or 2 years	Paisley

APPLY:	CONTACT:
Please apply online at **uws.ac.uk/ug**	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This degree is designed for students who wish to become proficient in English.

In today's global context, fluent spoken and written English is increasingly valued and this programme will equip you with English language skills and fluency that will attract international employers throughout the world.

You will study English language in small groups, refining and expanding your knowledge and understanding of the English language and its cultures, and focusing on authentic language development.

English is the language of international business and fluency immediately makes you more employable, providing you with a strong base for working in a range of national and international organisations.

This degree demonstrates to employers that you possess a high standard of fluency, enabling you to work globally, or in your own country, dealing with international customers and partners.

Students following the TESOL (Teaching of English to Speakers of Other Languages) path have the opportunity to teach English classes to international students at UWS.

ENTRY

Year 3
Minimum of two years' study of English at university level. Minimum IELTS 6.0, or equivalent.

Year 3
Minimum of three years' study of English at university level. Minimum IELTS 6.0, or equivalent.

Please note this course is open to non-native speakers of English only.

SECTION CONTENTS

Business Technology	23
Computer Animation Arts	23
Computer Games Development	23
Computer Games Technology	23
Computer Networking	24
Computing Science	24
Cyber Security	24
Information Technology	24
Music Technology	25
Web and Mobile Development	25

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

Athena SWAN Bronze Award

Awarded to the University for advancing the careers of women working in science, technology, engineering, maths and medicine

bcs Educational Affiliate · creative skillset · JAMES · PlayStation.First

We have excellent links with professional bodies and develop our programmes in line with their standards.

ENTRY REQUIREMENTS KEY

H	SQA Higher Grade
AH	Advanced Higher
SG	Standard Grade
Int2	Intermediate 2
Nat5	National 5
AL	GCE A-Levels

ILC IRISH LEAVING CERTIFICATE:

H	Higher Level
O	Ordinary Level

IB INTERNATIONAL BACCALAUREATE DIPLOMA:

H	Higher Level
S	Standard Level

ENTRY REQUIREMENTS AND ADVANCED ENTRY

The University's minimum entry requirements and information on our advanced entry points are stated on page 61 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

www.uws.ac.uk/ug

School of ENGINEERING & COMPUTING

Computing

Our programmes are developed in line with industry needs, offer the chance for practical experience, and are accredited by professional bodies – giving you a platform to launch your career in this fast-changing industry.

NO.1

IN SCOTLAND FOR STUDENT EXPERIENCE IN THE COMPUTER SCIENCE CATEGORY

TIMES GOOD UNIVERSITY GUIDE 2017

Industry links
Located within our School of Engineering & Computing, our links with 70+ companies for input to industrial advisory boards; partnerships with IBM, Qualcomm, NASA, CERN, Rolls Royce, QinetiQ, BAE Systems, as well as many local/national SMEs; and work with colleagues in universities across the world, means your study experience will be relevant, contemporary and globally-focused.

Seminars and guest lectures from industry professionals give you direct insight into industry. Recent visiting lecturers have included representatives from Sony Computer Entertainment Europe and Blackrock Studios.

Practical experience
With placements offered across many of our programmes and opportunities for networking with major industry players, you'll get invaluable experience for your CV and the chance to make contact with those already working in the profession. Study abroad opportunities are also available on many of our programmes.

Professional recognition
Many of our programmes are, at the time of print, accredited by the British Computer Society – see programme entries for more details. In addition, Computer Games Technology is currently one of only five undergraduate games development degrees in the UK with full accreditation by Skillset, the Sector Skills Council for the Audio Visual Industries in the UK. Music Technology also has accreditation from JAMES (Joint Audio Media Education Support).

Cutting-edge facilities
Our generalist and specialist lab facilities include:

- 3D visualisation labs
- games development labs
- audio mastering facilities
- network labs with extensive Cisco equipment
- animation studio facilities
- industry-standard software for the games, music technology, networking and animation areas
- a range of virtualisation technologies
- use of leading industry-standard business analysis software

Research and industrial collaboration
We work with business and industry to share knowledge and our research expertise. Our research knowledge informs teaching, meaning you'll learn from academic staff who are at the forefront of their profession.

Graduate Level Apprenticeships (GLAs)
The School is delighted to be working with Skills Development Scotland (SDS) and with industry in partnership with employers to deliver a suite of GLA programmes.

To find out more about the GLA programmes visit **uws.ac.uk/study-at-uws**

On the radar

Work experience in a busy air traffic control centre? That'll get your career off to a flying start.

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.

Creating careers
You could have the chance to work on a placement, as part of your computing or engineering degree. The placements give UWS students the chance to get involved in real projects in departments that include systems safety, communications, navigation, surveillance or simulators, to name just a few possibilities.

Research
And while you learn from NATS, the air traffic control experts are learning from us. 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.

ALUMNI PROFILE

More than just a (computer) game

ALUMNI:	COURSE:	CURRENT ROLE:
Floyd M Chitalu	BSc (Hons) Computer Games Technology	PhD student in Computer Science

Is a sandwich course worth the extra year of study? 'Yes' says Computer Games Technology graduate, Floyd.

Floyd M Chitalu's first two years at UWS armed him with a wealth of knowledge in computer games technology. But Floyd says it was the chance to apply this academic knowledge to the real world that proved most valuable.

Floyd spent his year in industry with Codeplay Software, an Edinburgh-based company that specialises in developing software for heterogeneous systems. He left with a deeper understanding of his subject and glowing references that set him apart in the employment market.

On being awarded the Renfrewshire Educational Trust Award – the annual prize for the University's most distinguished graduate – he said, "Looking back, I can only appreciate the great blessing that it was to have studied at UWS – it is through their cumulative acts of care and dedication that I am where I am, and have achieved what I have today."

Floyd is now based at the University of Edinburgh completing a Centre for Doctoral Training (CDT) course – a programme that combines a one-year Masters with a three-year PhD in Computer Science. His research relates to real-time simulation of soft deformable meshes using continuum mechanics on graphics processing units (GPUs).

ALUMNI PROFILE

The biztech superstar

ALUMNI:	COURSE:	CURRENT ROLE:
Ashley Forrester	BSc (Hons) Business Technology	Business Analyst

No one could ever accuse Ashley Forrester of not trying hard enough. She threw herself into her course at UWS, taking on a student representative role and participating in many other extra-curricular activities, in much the same way that she's approached her first job.

On graduating with a first-class Honours degree in 2017, she began her first job with Hewlett Packard Enterprise (HPE). She's already pushing herself into new challenges by becoming part of the leadership team at the company's women's network.

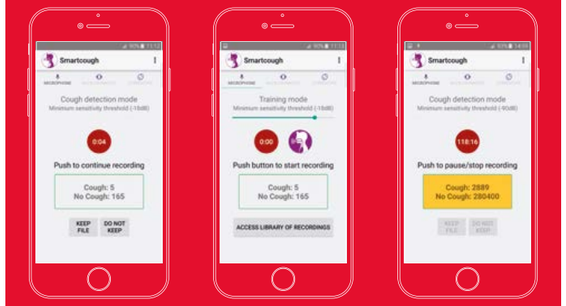
"The fact that the course covered both business and technology has really helped me develop a broader understanding of the issues that our business clients are facing, and the solutions to them," says Ashley. As part of her sandwich course she spent a full year working with HPE. On graduating the company offered her a full-time permanent role, rather than a place on their graduate scheme.

Ashley reckons that the course modules were highly relevant to the job she carries out, but knows that her learning isn't over. She says, "Right now I'm investigating what other learning and training I can do with HPE to further my knowledge and my career."

Ashley's academic and employment success is down to her own hard work and determination, and as a university, it's always heartening for us to see our students do well. This is particularly the case when a female student achieves so much in the fields of science, technology, engineering, maths or medicine (STEMM) – sectors where women have traditionally been under-represented.

Our commitment to the Athena SWAN Charter, which encourages and recognises activities that advance the careers of women in STEMM subjects, is bolstered by Ashley's exemplar performance.

SMARTCOUGH



Works by identifying and detecting cough severity

Runs during the user's day as a background app

Smartcough has both clinical and commercial potential

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 Smart Cough - 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**

Business Technology

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Paisley

UCAS CODE:	CONTACT:
G290	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme will give you the skills to manage and improve modern business technology.

An optional 12-month paid sandwich placement in the UK or abroad is offered while short (8-10 week) placement opportunities are also available. Guest lectures from industry are included in the programme and study abroad opportunities are offered.

UWS graduates have found employment with organisations including Oracle, Hewlett Packard, Dell, Aggreko, Lloyds Bank, Clydesdale Bank, Hitachi Solutions Europe and Standard Life. Roles include Project Manager; SharePoint Consultant; Information Security Analyst; Systems Administrator; Business Intelligence Analyst; Data Loss Prevention Analyst; Social Media Consultant; Cloud Projects Engineer; Digital Marketing Manager; and Data Analytics Specialist.

The Honours degree is accredited by the British Computer Society[1] – conditions apply, for full details see our website.

98% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCD or 88 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4
SQA HNC / BTEC Level 4 HNC: Administration and IT; Business

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND with a B in the Graded Unit) may be possible[2]. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

[1] Subject to re-accreditation approval.

[2] Certain HND's may only provide entry to Year 2.

"During my final year I completed an internship as a Business Analyst for a charity organisation. Not only did they pay me but it gave me vital experience for my career."

Jason Dowd
BUSINESS TECHNOLOGY GRADUATE, NOW WORKING IN IT SUPPORT AT FORBIDDEN TECHNOLOGIES PLC

93% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

Computer Animation Arts

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years	Paisley

UCAS CODE:	CONTACT:
GW48	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

The Computer Animation Arts programme combines traditional and digital animation techniques, and covers all elements of the animation production pipeline. The skills developed on the programme are relevant within many creative industries, including computer games, film and television, visual effects and architectural visualisation.

Students are introduced to core concepts of visual storytelling, cinematography, and the key principles of 2D and 3D animation. Traditional drawing skills are taught as a means of developing abilities in visual communication, concept design and storyboarding, all of which are essential to the development of an animated production. Students also learn about the history of animation, giving a context for their work.

The production disciplines of 3D modelling, character design and rigging, animation, texturing and lighting are all covered in-depth, and the issues involved in developing for specific types of output, such as games, are highlighted. In addition to computer-based methods, students are given the opportunity to use stop motion and other traditional animation techniques. Post-production topics, including rendering, compositing, visual effects, editing, and audio for animation, are also explored.

In the Honours year, students undertake substantial individual and group projects intended to form the basis for a showreel which will promote their skills to potential employers. These projects also allow students to specialise in their main area(s) of interest.

Graduates are employed by Axis Animation, MPC, Sony Pictures, Rockstar North, Lupus, BBC, STV, Mental Ltd., Tag Games, Codemasters and Firebrand Games. Graduates have also set up their own companies.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points preferably inc Art & Design, Graphic Communication or Photography
AL: CCD or 88 UCAS Tariff points preferably inc Art & Design, Photography or Graphic Communication
ILC: H3H3H3H4 inc Art & Design or Photography

Direct entry to Year 2 and Year 3 may be possible (depending on your HNC/HND subjects). For specific grades and subjects see website listed above.

Computer Games Development

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Lanarkshire, Paisley

UCAS CODE:	CONTACT:
G610	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

Combining practical development skills with games design, this programme equips you with industry-relevant skills to build a career as a games developer.

Games developers for the mobile and web games markets must be technically proficient, creative and entrepreneurial. Your skills will be developed in game programming and game engine scripting for multiple platforms and supported by dedicated games studios and interaction with animation artists.

This is a practitioner's degree that encourages you to publish games and demonstrate your work to employers at our end of year Digital Futures event.

You may undertake a 36-week sandwich placement between years 2 and 3 or years 3 and 4.

Major games studios only employ the most talented and business-aware graduates, which is why we emphasise the need to work on real-world tasks and to create a strong e-portfolio and show-reel.

Our multi-skilled graduates work in various industries including games, animation and social networking.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCD or 88 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4
SQA HNC / BTEC Level 4 HNC: Computer Technology; Computing; Computing: Software Development; or relevant discipline

Direct entry to Year 2 (with an HNC/HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Computer Games Technology

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Paisley

UCAS CODE:	CONTACT:
G451	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme teaches the essentials of triple-A, high-performance games development. Core disciplines include C++; 2D and 3D realtime graphics; interactive physics; algorithms; and game AI. Development is routinely hands-on, using Microsoft Visual Studio, with common distributed version control tools.

The programme holds PlayStation® First status - an academic partnership programme run by Sony Interactive Entertainment (SIE). Through this collaboration, students are taught to program on the industry-standard PlayStation® 4 Pro development kits using the cross-platform PhyreEngine™. Naturally, PlayStation VR headsets are also part of the mix.

Year 3 students have the opportunity to develop a substantial games development project as a team across two trimesters; with regular mentoring support from Mo McRoberts from BBC Scotland. Honours year students also undertake a significant research and development project along with their dissertation.

Students are therefore equipped with a highly transferable skillset, which graduates utilise within traditional high-calibre games technology companies; as well as in high-performance banking, or graphical visualisation domains.

The Honours degree is accredited both by Creative Skillset, and by the British Computer Society[3] – conditions apply, for full details see our website.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Maths
AL: CCD or 88 UCAS Tariff points inc Maths
ILC: H3H3H3H4 inc Maths
IB: 24 points with 4 subjects at H4
SQA HNC / BTEC Level 4 HNC: Computer Games Development (with modules in Java/C++/C# Maths/Object Orientated Programming Unit).

Direct entry to Year 2 (with an HNC/HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

[3] Subject to re-accreditation approval.

94% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

Computer Networking

bcs Educational Affiliate

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years	Lanarkshire, Paisley

UCAS CODE: H601

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/ug**

This programme equips you with the skills to specialise in networking and IT infrastructure. The programme includes study of the worldwide recognised Cisco Certified Networking Associate (CCNA) qualification.

Other topics include a variety of system management skills in Windows, Unix and virtualisation, along with specialisms such as wireless networks and cyber security. There is the option to take a full-time placement over a minimum of 36 weeks, leading to a sandwich award.

UWS is a leading research centre for the next generation of autonomous, self-organising 5G networks – along with global technology companies and other world leading academic institutions.

Graduates of this degree work in companies including BT, Fanduel, Google, HP, IBM, Iomart and Morgan Stanley in a wide variety of roles mainly relating to network infrastructure management.

The Honours degree is currently accredited by the British Computer Society, and will remain so, subject to reaccreditation by the BCS in 2017/18 - for full details see our website.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCD or 88 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) or Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Computing Science

bcs Educational Affiliate

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Dumfries[1], Lanarkshire, Paisley

UCAS CODE: G401

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/ug**

This programme will give you a wide ranging understanding of computing.

Study topics include software development processes and technologies; foundations of programming; software modelling tools; object-oriented analysis and design; databases; and web service development and applications.

You have the option of taking a three month industrial placement module in Year 3. A 12-month paid sandwich placement in an industrial or commercial setting, providing practical experience to complement your academic studies, is also offered. Study abroad opportunities are available. Industry experts will share their expertise through guest lectures.

UWS is a leading research centre for the next generation of autonomous, self-organising 5G networks – along with global technology companies and other world leading academic institutions.

Careers include software developer or software engineer, web developer, systems analyst, database administrator, database designer, IT consultancy and technology sales.

The Honours degree is accredited by the British Computer Society at Lanarkshire and Paisley campuses[2] – conditions apply, for full details see our website.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCD or 88 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) or Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

[1] Entry to the course at Dumfries Campus is to Year 3 only (subject to availability) and Honours year will only run at Dumfries subject to sufficient numbers. Students will be able to transfer to Lanarkshire or Paisley campuses to complete their Honours year if required.

[2] Subject to re-accreditation approval.

Cyber Security[3]

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years	Lanarkshire

UCAS CODE: TBC[4]

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/ug**

This programme will provide you with the necessary skills to protect and secure modern data infrastructure. The programme includes study of many industry relevant skills based around the ethical hacking framework.

The modules delivered include: Operating and Computer Systems Security; Wireless Networks and their Security; Intrusion Detection and Prevention; and Network Security Monitoring. This is all underpinned by a thorough knowledge of both networking (CCNA) and programming theory.

Graduates of this degree will provide network security support in CSE and CSO roles, for companies in many diverse sectors such as healthcare, banking and finance.

The Honours degree is currently seeking accreditation by the British Computer Society in 2017/18 – for full details see our website.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCD or 88 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4

[3] Programme offered subject to final University approval

[4] Our website will be updated with the UCAS code when available.

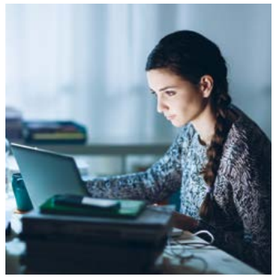
Information Technology (2nd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 3 years BSc Hons (Sandwich) 4 years	Dumfries[5], Lanarkshire, Paisley

UCAS CODE: G502

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/ug**



This programme provides the basis for a wide range of career options where the use of IT systems is vital. With opportunities for industry placement, this programme gives you the option to tailor your studies around subject areas within information technology.

A broad range of computing subjects may be chosen by students, including software development, networking, internet technologies, multimedia systems, computer animation, music technology and business IT. You will have access to a range of computing facilities.

This programme offers an optional 12-month paid sandwich placement in an industrial or commercial setting, providing practical experience to complement academic study.

You may study abroad while gaining credit towards your degree at one of our educational partner organisations.

Graduates can look forward to excellent career prospects including as a computing/information technology specialist, computer programmer, web developer, database administrator or systems analyst. The broad scope of IT experience gained on this programme provides the basis for a wide range of career options where the use of IT systems is of primary importance.

ENTRY

Year 2
AH: CCD or 112 UCAS Tariff points inc Maths
AL: BCC or 104 UCAS Tariff points inc Maths
IB: 28 points
SQA HNC / BTEC Level 4
HNC: Computing; Computing: Interactive Media; Computer Games Development (for SQA awards with Grade A in the Graded Unit)
BTEC Extended Diploma: DDM

Direct entry to Year 3 (with an HND with a B in the Graded Unit) may be possible. For specific grades and subjects see website listed above.

[5] Entry to Dumfries Campus is at Year 3 only.

"During my Honours year I realised combining my IT knowledge with my interest in assistive technologies gave me the passion to advance my knowledge in a specialised field. I look forward to wherever my career takes me in the future; UWS will serve as a prominent reminder to how I have achieved academic success."

Julie Mcelroy
INFORMATION TECHNOLOGY GRADUATE

Music Technology

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years	Paisley[1]

UCAS CODE:	CONTACT:
W350	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme gives you the knowledge and practical skills to work in technology related jobs in the music and media industry.

Music Technology is a broad ranging course which provides students with the knowledge and practical experience to work in a range of areas within the music, audio and media industries. We offer areas of study through a number of content streams focussed on developing high-calibre graduates.

Graduates of the programme have gone on to careers in acoustics, audio post production, music composition, music production, live sound or broadcast, sound systems design and installation, sound design, theatre-sound, video post-production, technical sales and management, and within further and higher education. Many graduates work as freelancers while some set up their own business.

Our programme features a placement in Year 3 which may be with a UK music industry company or abroad in a partner institution such as the Harris Institute in Canada.

This Honours programme is accredited by JAMES (Joint Audio Media Education Support) and is an AVID Learning Partner (offering the opportunity to gain Pro Tools certification).

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Music/ Music Technology and Maths or Physics
AL: CCD or 88 UCAS Tariff points
ILC: H3H3H3H4 inc Music plus either Maths, Physics or Technology
IB: 24 points with 4 subjects at H4
BTEC National Diploma: Music Technology

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) or Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Applicants may be invited for interview.

[1] Delivery of the Music Technology degree is primarily at Paisley Campus; however some option modules may be delivered at Ayr Campus.

Web and Mobile Development

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years	Paisley

UCAS CODE:	CONTACT:
G450	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme will equip you with the skills to design, develop and maintain secure and usable web services and mobile applications that exploit the capabilities of the internet.

You will gain expertise in systems design and analysis and use the latest tools, techniques and scripting languages for developing dynamic, interactive and secure web and responsive mobile solutions.

The degree has strong industry links including a programme of guest speakers, company visits and networking events with employers. Study abroad opportunities are available.

Graduates will be able to establish and manage secure web servers and create and maintain appropriate web material for companies in roles such as mobile developer, web programmer and systems developer.

The Honours degree is accredited by the British Computer Society[2] – conditions apply, for full details see our website.

90% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCD or 88 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4

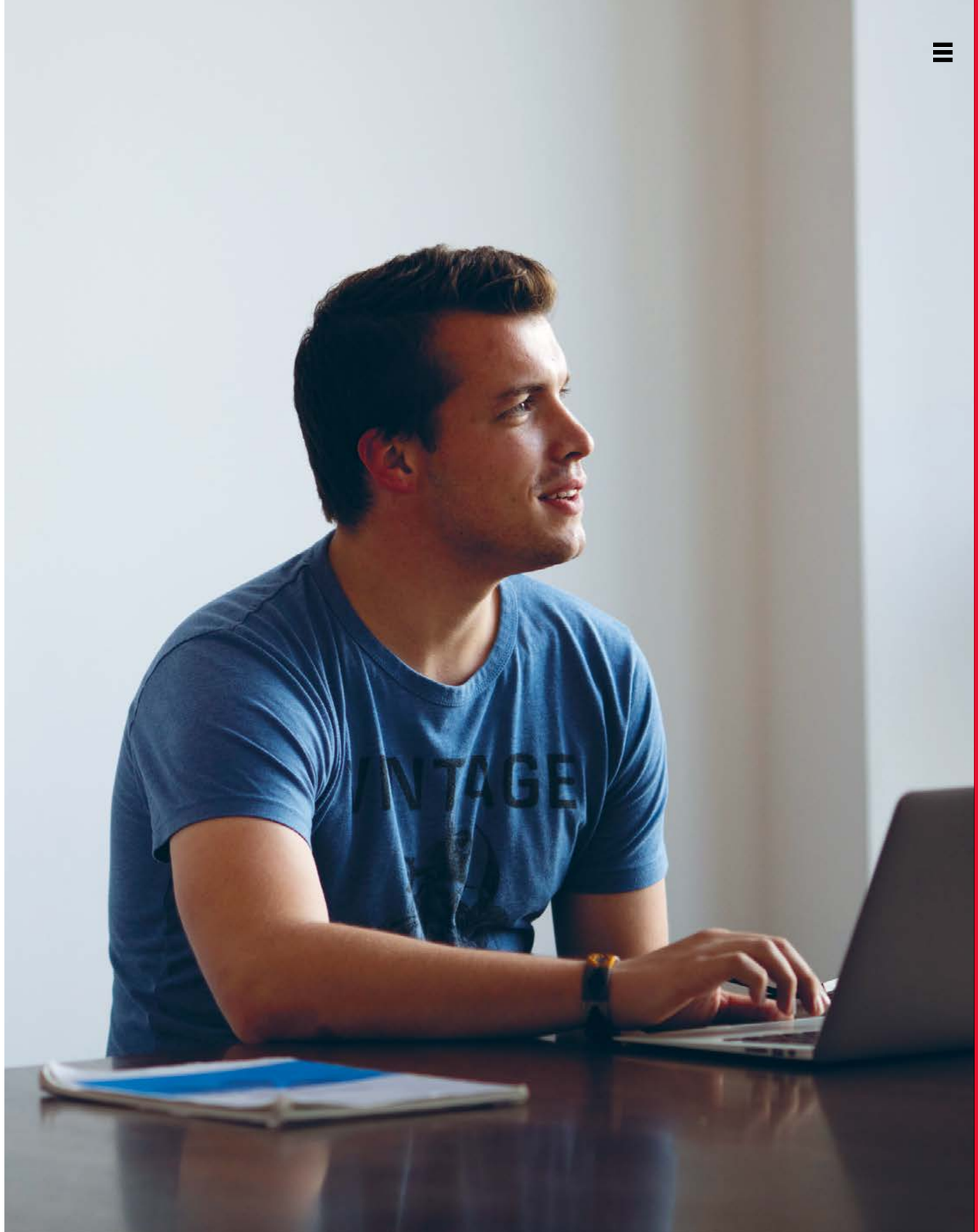
Direct entry to Year 2 (with an HNC with an A in the Graded Unit) or Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

[2] Subject to re-accreditation approval.

"The programme covers the technologies, but the real selling point is the industry connections available for students. I was even introduced to my current employer when I attended the UWS Digital Futures showcase event."

Ali Tufail
WEB & MOBILE DEVELOPMENT GRADUATE AND WEB DEVELOPER AT THE DRUM

91% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16



SECTION CONTENTS

Aircraft Engineering	28
Chemical Engineering	28
Civil Engineering	28
Computer-Aided Design	28
Engineering Management	29
Mechanical Engineering	29
Physics	29
Physics with Education	29
Physics with Nuclear Technology	30

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

Athena SWAN Bronze Award

Awarded to the University for advancing the careers of women working in science, technology, engineering, maths and medicine

The National Student Survey

Our Aircraft Engineering programme came top in the UK for overall student satisfaction with 100% – National Student Survey (NSS) 2016

100 yrs

Delivering Applied Engineering for over 100 years

ENTRY REQUIREMENTS KEY

H	SQA Higher Grade
AH	Advanced Higher
SG	Standard Grade
Int2	Intermediate 2
Nat5	National 5
AL	GCE A-Levels

ILC IRISH LEAVING CERTIFICATE:

H	Higher Level
O	Ordinary Level

IB INTERNATIONAL BACCALAUREATE DIPLOMA:

H	Higher Level
S	Standard Level

ENTRY REQUIREMENTS AND ADVANCED ENTRY

The University's minimum entry requirements and information on our advanced entry points are stated on page 61 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

www.uws.ac.uk/ug

School of ENGINEERING & COMPUTING

Engineering

With over 100 years of experience in educating graduate engineers, we offer vocationally-relevant, professionally recognised programmes. You'll put your skills to the test in our industry-standard facilities and have the opportunity to undertake a contemporary educational experience with the option for placement at home or abroad.

NO.1

IN SCOTLAND FOR STUDENT SATISFACTION IN AERONAUTICAL AND MANUFACTURING, CHEMICAL, CIVIL AND GENERAL ENGINEERING

COMPLETE UNIVERSITY GUIDE 2018

Industry links
Our programmes, hosted within our School of Engineering & Computing, are designed around industry needs. UWS graduates can be found in leading positions in companies such as: GlaxoSmithKline, British Airways, Scottish Water, Barr Construction, Zeneca, Doosan Babcock Energy Ltd, BAE Systems, Ciba Specialty Chemicals, IBM, BP Oils Ltd, Balfour Beatty, Bovis Lend Lease, Glasgow City Council and Network Rail.

Industry insight
Guest speakers from a range of relevant organisations frequently share their insights with students.

Practical experience
Employers prefer graduates with work experience and on average these graduates earn 28% more than those with no placement experience[1]. Selected programmes offer industrial training, industry based projects, and paid work placement, either at home or abroad; in countries such as Saudi Arabia, Germany and Australia.

Professional recognition
A UWS engineering degree will give you the skills needed for industry. We have excellent links with professional bodies and develop our programmes in line with their accreditation standards, including the Institution of Chemical Engineers, Institution of Mechanical Engineers, Institution of Civil Engineers, the Institution of Structural Engineers, the Institute of Highway Engineers, the Chartered Institution of Highways and Transportation, and the Institute of Physics.

Research and industrial collaboration
With research active staff working in a variety of areas, which involves collaborations with partners in industry, business, academia and government, you'll be taught by academics who have a wealth of expertise across a spectrum of engineering disciplines. Research is focused around our institutes – Engineering and Energy Technology; Nuclear Physics; Thin Films, Sensors and Imaging; and our Advanced Concrete and Masonry Centre.

Graduate Level Apprenticeships (GLAs)
The School is delighted to be working with Skills Development Scotland (SDS) and with industry in partnership with employers to deliver a suite of GLA programmes.

To find out more about the GLA programmes visit **uws.ac.uk/study-at-uws**

Industry-standard facilities
With almost £1million invested in new laboratories, thin film technologies, micro-scale sensors and nuclear physics research, we offer fully equipped, industry-standard facilities. Extensive materials testing and analysis facilities; metrology laboratory; rapid prototyping centre; assembly and welding laboratories; and manufacturing facilities put our facilities among the best in the sector. We also have modern, dedicated IT facilities utilising a range of industrial applications software such as CREO (PRO/Engineer), Ansys, Fluent, AutoCAD, MS Project and WITNESS.

[1] The Engineering Council

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.

ALUMNI PROFILE

Light work

ALUMNI: Graeme Docherty-Walthew

COURSE: BSc (Hons) Physics

CURRENT ROLE: PhD / research student in Nonlinear Optics, University of St Andrews

What happens when you fire a laser through a crystal? You get what are known as nonlinear effects, which are used in medical imaging, industrial applications, and to operate ultrafast lasers. Graeme Docherty-Walthew first got interested in this area of optics during his undergraduate degree in Physics at UWS – and he's now doing a PhD at St Andrews.

So how was the course? "Totally brilliant," says Graeme. Small class sizes meant he had all the support he needed. "There were only a small number of us in my class, and so we got almost unlimited attention." Towards the end of his degree he was thinking about PhD study, and his supervisors were there to help him make the correct choice for his future career. "The degree teaches you to think like a physicist," he says, "and the lecturers are excellent: you get really high quality teaching and support."

NONLINEAR OPTICS

- When high-intensity light, such as a laser, is incident on a crystal it causes a material response that changes the shape and frequency of the beam
- These so-called nonlinear effects can be used to make better lasers, with applications in medicine and industry and allow us to better understand how light interacts with materials
- Graeme's research is based on computational modelling, so he doesn't get to fire lasers every day

ALUMNI PROFILE

Learning from the listed buildings of Paisley

ALUMNI: Chris Boyce

COURSE: BEng (Hons) Civil Engineering

CURRENT ROLE: Graduate Structural Engineer at Alan White Design

Former languages graduate Chris returned to university in his 30s. From his earlier experience of college education, he expected to turn up, get told what he needed to know, and sit his exams. But the inclusive environment in the School of Engineering & Computing made him see learning completely differently.

"I really enjoyed the whole experience. The lectures were engaging with plenty of opportunities to contribute, and we spent a lot of time doing practical work. I even got to visit Beijing and Moscow!"

It wasn't just the course that set UWS apart for him. "The teaching staff were really supportive and easy to chat to. And Paisley has the highest concentration of listed buildings outside Edinburgh, so it was an inspiring place for someone working in structural engineering."

Chris's impressive results and enthusiasm for his subject landed him a job before he'd even graduated. Before long, he was involved in projects like Shoreditch's Principal Place – designed by world-renowned architect Lord Norman Foster – and the award-winning V&A Museum of Design in Dundee. This, says Chris, was partly down to the career-focused course at UWS. "It directly prepared me for what I'm doing now. I was working on prestigious projects in exciting cities – that was a real buzz!"

Upon graduating Chris was recognised by UWS for his academic excellence for the best final year engineering project.

STRUCTURAL ENGINEERING IN PAISLEY

Structural engineers work out ways to keep buildings standing for years to come.

Chris is following in impressive footsteps – Paisley is full of buildings that have stood the test of time:

1300s	1500s	1880s	1871	1881	1890s
PAISLEY ABBEY	BLACKHALL MANOR	TOWN HALL	MUSEUM & ART GALLERY	COATS OBSERVATORY	THOMAS COATS MEMORIAL BAPTIST CHURCH

ALUMNI PROFILE

Career launch for star engineer

ALUMNI: Katie Waddell

COURSE: BEng (Hons) Aircraft Engineering

CURRENT ROLE: Graduate Engineer

Katie Waddell leaves UWS with no less than four awards for excellence, ranging from top-performing engineering student to best final-year engineering design project for her work on wingtip aerodynamics.

She's not resting on her laurels though. Katie graduated with a BEng (Hons) in Aircraft Engineering in July, but she was already in a graduate role in April – working with a company developing a horizontal launch system to send satellites into space.

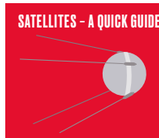
Was she daunted by the prospect of a career in a male-dominated industry? Not in the slightest. "Employers are seeing the benefits of having female engineers as we have a different perspective, and are just as capable," she says.

Katie's time at UWS helped her clarify what she wanted from a career in engineering. "The lecturers and course leaders have an open-door policy and were always more than happy to help. The careers team are also fantastic."

Between third and fourth year, she organised herself a three-week placement with Thales. "It really helped to consolidate my education from university," she says.

And what about the teaching at UWS? "I really enjoyed my studies," says Katie, "The Aircraft Engineering course was very interesting, with a mix of practical laboratories, demonstrations and theory."

SATELLITES – A QUICK GUIDE



First satellite launched in 1957, named Sputnik 1.

Over 6,000 satellites have been launched since.

Traditionally, satellites have been launched from large rockets.

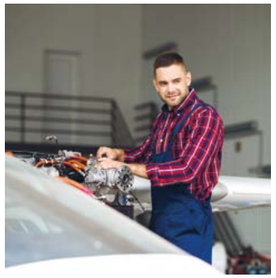
Katie's working on a project that will make horizontal launches – from aircraft, rather than spacecraft – a more efficient, less risky method.

Aircraft Engineering

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BEng Hons 4 years	Paisley

UCAS CODE:	CONTACT:
H410	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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



This programme will provide you with skills appropriate to aircraft design, manufacturing, aerodynamic and structural design and repair and overhaul sectors.

Designed in partnership with aerospace industry employers, the programme offers visits to organisations such as Spirit AeroSystems and British Airways whilst a number of final year Honours projects are undertaken in collaboration with industry. Guest speakers will deepen your understanding of the subject.

Topics include aerodynamics and aircraft performance, composite materials and the design of aerospace structures and systems and these are complemented by traditional engineering topics including project management, and Finite Element Analysis (FEA).

Unpaid summer internships are available in local aerospace companies. Laboratories and practical software sessions are integrated throughout the programme.

A shortage of aircraft engineers ensures that your skills will be in demand by aerospace companies locally, nationally and internationally, allowing you to take on roles in design, manufacture or maintenance. Roles include junior management, technician, and structural aircraft design and maintenance positions.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Maths & Physics or Maths at B and Nat 5 Physics at B
AL: CCD or 88 UCAS Tariff points inc Maths & Physics
ILC: H3H3H3H4 inc Maths & Physics
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND with a B in the Graded Unit). Appropriate Advanced Higher and A-Level qualifications may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

"The best thing about studying at UWS was the lecturers. They all had extensive industry experience which meant our learning was focused on real life engineering applicability."

Kris Kelly
AIRCRAFT ENGINEERING GRADUATE AND GRADUATE DESIGN ENGINEER AT EKES LTD

100% **STUDENT SATISFACTION**
TOP IN THE UK
NATIONAL STUDENT SURVEY 2016

100% **OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING**
HESA PERFORMANCE INDICATOR 2015/16

Chemical Engineering

IChemE ADVANCING CHEMICAL ENGINEERING WORLDWIDE

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BEng Hons 4 years; BEng Hons (Sandwich) 5 years	Paisley

UCAS CODE:	CONTACT:
H810	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme prepares you for a career in the chemical and process industries as well as other related fields.

It combines academic study, hands-on experience and group projects to develop the essential skills required by employers in the 21st century chemical and process industries.

You will study engineering, mathematics and chemistry principles; gain practical experience through laboratory work and use world-class process simulation tools such as Aspen Suite and Ansys Fluent.

You will undergo a period of pilot plant-based training and can take a one-year paid sandwich placement as a junior chemical engineer in industry. Placements are obtained competitively and can be in the UK or abroad. Industry experts will share their expertise through guest lectures.

Graduates have gained employment with companies including GlaxoSmithKline; Amec Foster Wheeler; Texaco; BNFL Sellafield; Seal Chemicals; Doosan Babcock; Nestlé; Joint European Torus Project; and Procter and Gamble.

This programme is accredited by the Institution of Chemical Engineers (IChemE) and the curriculum is designed to satisfy the high accreditation requirements which are internationally recognised.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Maths & Chemistry
AL: CCD or 88 UCAS Tariff points inc Maths & 1 science (preferably Chemistry)
ILC: H3H3H3H4 inc Maths & Chemistry
IB: 24 points with 4 subjects at H4
SQA HNC: Chemical Engineering

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

95% **STUDENT SATISFACTION**
NATIONAL STUDENT SURVEY 2016

Civil Engineering

Engineering Council accredited degree

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BEng Hons (Sandwich) 4 years	Paisley

UCAS CODE:	CONTACT:
H200	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme will enable you to design, construct and organise civil engineering projects.

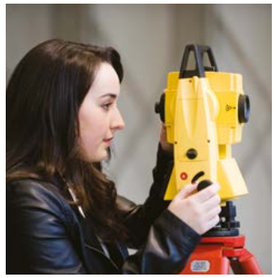
There are two 18-week periods of paid industrial training, which are obtained competitively. You will also visit construction sites and spend time at the National Construction College as part of the programme. Industry experts will share their expertise through guest lectures.

You may gain employment with a major contracting or consulting engineering company. UWS graduates work with companies including Network Rail, Amey, Balfour Beatty, CH2M, and the Royal Air Force in roles such as Graduate Civil Engineer or Graduate Structural Engineer.

At time of print the BEng (Hons) Civil Engineering is accredited as fully satisfying the educational base for an Incorporated Engineer (IEng) and has been accredited by the Institution of Civil Engineers; the Institution of Structural Engineers; the Institute of Highway Engineers; and the Chartered Institution of Highways & Transportation. See **www.jbm.org.uk** for further information. Accreditation is currently for Incorporated Engineer (IEng), with a view of developing the programme to partially satisfy the education base for a Chartered Engineer (CEng) by 2018. Conditions apply, for full details see our website.

5TH **RANKED 5TH IN THE UK**
IN THE GUARDIAN UNIVERSITY GUIDE 2017

93% **OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING**
HESA PERFORMANCE INDICATOR 2015/16



ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Maths & 1 science
AL: CCD or 88 UCAS Tariff points inc Maths & 1 science
ILC: H3H3H3H4 inc Maths & 1 science
IB: 24 points with 4 subjects at H4
SQA HNC / BTEC Level 4 HNC: Construction; Engineering Practice (for SQA award, including a pass in the unit Maths for Engineering 1); Engineering: Building Services; Engineering Systems

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND with a B in the Graded Unit) may be possible. For specific grades and subjects see website listed above.

98% **STUDENT SATISFACTION**
NATIONAL STUDENT SURVEY 2016

Computer-Aided Design (3rd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 2 years	Paisley

UCAS CODE:	CONTACT:
H130	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This degree will put your creative and technical skills to the test to produce digital models (2D and 3D designs) and specifications for various product development projects.

It has been developed to meet the needs of industry to enhance your existing qualifications in design, or a related area, to Honours level.

You will use CAD/CAM packages, analysis software, prototyping systems and ancillary equipment, and modern communications technologies. You will gain knowledge of the broader spectrum of design and manufacturing systems and the importance of systems integration and will undertake a range of projects.

As a graduate, your wide-ranging skills and experience will be sought by employers within the design, engineering and manufacturing sectors. Roles include Design, CAD/CAM, Manufacturing, Process Planning and Product Design Engineer and Civil/Structural CAD Technician.

Accreditation is being sought from the Institution of Engineering and Technology (IET).

ENTRY

Year 3
SQA HND / BTEC Level 5 HND / Foundation Degree: Engineering Systems; 3D Design: Interior Design; Product Design; Computer Aided Draughting and Design; Engineering: Mechanical; Mechanical Engineering; Jewellery Design; or relevant discipline (for SQA awards, with B in the Graded Unit)

"Graduating from this programme provided me with a lot of opportunities in industry across civil, structural and mechanical engineering. I've had many job offers and I was able to pick the one that I wanted."

Marcin Szczesniak
COMPUTER-AIDED DESIGN GRADUATE AND CAD TECHNICIAN AT PEAK SCIENTIFIC INSTRUMENTS LTD

100% **OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING**
HESA PERFORMANCE INDICATOR 2015/16

Engineering Management
(2nd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BEng Hons 3 Years	Lanarkshire

UCAS CODE: H703

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/ug**

This degree will enable graduates to pursue an engineering career in a continuous improvement, planning, supervisory or project management role. It will develop your technological problem-solving skills and your organisational, planning and management abilities to enable you to successfully oversee complex engineering projects from start to finish.

You will develop team working skills while undertaking a wide range of practical exercises. Study abroad opportunities are available.

Careers include quality assurance and control, operations and maintenance management, facilities, health and safety, teaching and environmental management in roles such as project engineer. Lean manufacturing and continuous improvement are the growth areas in the industry.

UWS graduates work for companies including Rolls-Royce, Raytheon, Cummins, Thales, and BAE Systems. Others have begun careers in education as secondary school teachers and lecturers in colleges and universities.

At time of print, accreditation is being sought from the Institution of Engineering and Technology (IET).

94% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

ENTRY

Year 2
AH: CCD or 112 UCAS Tariff points inc Maths & 1 science or a technical based subject
AL: BCC or 104 UCAS Tariff points inc Maths & 1 science or a technical based subject
IB: 28 points
SQA HNC / BTEC Level 4 HNC: Engineering: Building Services; Engineering Systems; Electronics; Electronic Engineering; Frabrication; or related discipline (for SQA awards with Grade B in the Graded Unit)
SQA HND: Any engineering or related discipline (subject to approval of the Admissions Officer)
BTEC Extended Diploma: DDM

Direct entry to Year 3 (with an HND with a B in the Graded Unit) may be possible. For specific grades and subjects see website listed above.

"UWS is a relaxed place to operate. The lecturers were really helpful, the library staff were brilliant and it's been really useful for my career."

Kay Hay
ENGINEERING MANAGEMENT GRADUATE AND BUSINESS DEVELOPMENT MANAGER AT DOOSAN BABCOCK

Mechanical Engineering

Engineering Council accredited degree

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BEng Hons 4 years BEng Hons (Sandwich) 4/5 years	Paisley

UCAS CODE: H300

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/ug**

This degree focuses on industry-relevant topics to reflect the needs of today's employers, giving you the opportunity to build a career in the design, engineering and manufacturing sectors.

You will gain knowledge of scientific and engineering principles and take a flexible approach towards new ideas and developments. You will hone your practical skills by using our new state-of-the-art equipment, making you attractive to prospective employers and enabling you to work effectively as a team member. Paid placement is possible at the end of years 1, 2 & 3[1].

Careers in the automotive, aerospace, offshore, energy, railways and shipbuilding sectors are possible for Mechanical Engineers in roles within stress, vibration, performance, service, design and development engineering and project management.

Graduates work for industry heavyweights including Rolls-Royce, ABB Alstom Power, Intel, Hoover, Candy and Biosil.

At time of print, the BEng (Hons) is accredited by the Institution of Mechanical Engineers, under license from the UK regulator, the Engineering Council – conditions apply, see our website for full details.

100% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Maths at B and Nat 5 Physics at B
AL: CCD or 96 UCAS Tariff points inc Maths & Physics
ILC: H3H3H3H4 inc Maths & either Physics or Engineering or Technology
IB: 24 points with 4 subjects at H4
SQA HNC / BTEC Level 4 HNC: Engineering Practice (for SQA award, a pass in the unit Maths for Engineering 1); Mechanical Engineering (for SQA award, a pass in the unit Maths for Engineering 1); Mechanical and Manufacturing Engineering (for SQA award, inc a pass in the unit Maths for Engineering 1, Engineering and Mechanics, Engineering Science, or equivalents)

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

[1] In order to achieve the BEng Honours Sandwich degree students must gain a minimum of 36 weeks' work experience – see our website for full details.

Physics

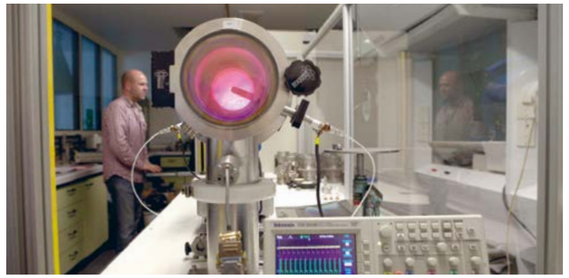
IOP Institute of Physics

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Paisley

UCAS CODE: F300

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/ug**



This programme teaches the fundamentals of physics as a core science and will develop your professional skills and expertise for a career in any area of physics, from industrial applications to academic research.

You will study core topics in physics, along with option subjects. Practical classes will enhance your familiarity with experimental physics.

The Honours sandwich programme offers an optional year's work experience with an industrial or scientific employer in the UK or abroad.

There is high demand for physics graduates, from industries including microelectronic telecommunications, optics and energy.

Physicists are also in demand in the public services, including schools and hospitals, the civil service and research laboratories. Graduates work with companies including BAE Systems, Fujitsu, Motorola, and Nikon.

The programme is accredited by the Institute of Physics (IOP).

ENTRY

Year 1
H: BBBC inc Maths & Physics, or BBBC inc Maths at B and Nat 5 Physics at B or 102 UCAS Tariff points inc 48 points in Maths & Physics
AL: CCD inc Maths & Physics or 88 UCAS Tariff points inc 64 points in Maths & Physics
ILC: H3H3H3H4 inc Maths & Physics
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

100% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

Physics with Education

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years	Ayr and Paisley[2]

UCAS CODE: PE30

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/ug**

Students on this programme will graduate with a degree in physics and will also be qualified to teach physics in secondary schools. The programme will cover all of the core topics of a degree in physics, alongside modules in education, including school placements.

In years 1 and 2 the programme is focussed on covering core topics in physics to develop a detailed and expansive knowledge.

In years 3 and 4, in conjunction with physics modules, students will study three Education modules: School and Professional Studies, Secondary STEM Subject Studies, and Secondary School Experience

In years 3 and 4, students will spend eighteen weeks on school experience placements in at least two schools. The five blocks of placement will enable students to connect theory and practice in relation to teaching and assessment of physics and general science, and develop an understanding of wider school issues.

Graduates receive the formal teaching qualification necessary for provisional registration with the General Teaching Council for Scotland (GTCS). New Scottish/UK/EU graduates of this programme are guaranteed a one-year induction post that enables completion of probation and achievement of the standard required for full registration with the GTCS.

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

ENTRY

Year 1
H: BBBC inc Maths & Physics, or BBBC inc Maths at B and Nat 5 Physics at B or 102 UCAS Tariff points inc 48 points in Maths & Physics
AL: CCD inc Maths & Physics or 88 UCAS Tariff points inc 64 points in Maths & Physics
ILC: H3H3H3H4 inc Maths & Physics
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

For entry or progression into Year 3, all applicants should have an English qualification of at least SCQF Level 6 (e.g. Higher English or ESOL).

Applicants on BSc (Hons) Physics programme can transfer into Year 3.

An offer of a place on Year 3 is made on the basis of successful interview.

Applicants are strongly advised to visit the Teaching in Scotland website **teachinscotland.scot** for full information on what is required to become a teacher in Scotland.

[2] The Physics modules are taught at Paisley Campus and the Education modules at Ayr Campus.

Physics with Nuclear Technology

IOP Institute of Physics

SCHOOL:	DURATION:	CAMPUS:
Engineering & Computing	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Paisley

UCAS CODE:	CONTACT:
F390	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme is designed for students with a particular interest in the study of nuclear physics and nuclear technology. The programme includes all of the core topics of the BSc (Hons) Physics programme but includes additional modules that are focussed on nuclear technology.

In years 1 and 2, the programme covers core aspects of physics. In years 3 and 4, these core aspects are developed further. In addition, modules on this programme cover nuclear imaging and medicine, applied nuclear technology, atomic, nuclear and particle physics, and radiation detectors.

Between years 3 and 4, students will have the option of taking a sandwich year in industry or in a laboratory, either in the UK or abroad. In Year 4, students will carry out an extended research project within the Nuclear Physics Research Group.

Graduates of this programme will be equipped with all of the skills acquired during a physics degree, with additional knowledge and expertise in nuclear technology. There is high demand for highly-skilled graduates within the nuclear sector and related industries. This programme will also equip graduates with skills necessary for further research in nuclear or particle physics.

The programme is accredited by the Institute of Physics (IOP).

ENTRY

Year 1

H: BBBC inc Maths & Physics, or BBBC inc Maths at B and Nat 5 Physics at B or 102 UCAS Tariff points inc 48 points in Maths & Physics
AL: CCD inc Maths & Physics or 88 UCAS Tariff points inc 64 points in Maths & Physics
ILC: H3H3H3H4 inc Maths & Physics
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

SECTION CONTENTS

Broadcast Production: TV & Radio	33
Commercial Music	33
Commercial Sound Production	33
Digital Art & Design	33
Filmmaking & Screen Writing	34
Journalism/Journalism (Sport)	34
Performance/Performance (Contemporary Theatre/ Musical Theatre/ Screen Acting)	34
Social & Creative Transformations	34
Technical Theatre & Production	35

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

creative skillset

Our creative industries graduates have some of the highest employment rates across Scotland

£81m

Our facilities are based at our state-of-the-art £81million Ayr Campus, which opened in September 2011

ENTRY REQUIREMENTS KEY

H	SQA Higher Grade
AH	Advanced Higher
SG	Standard Grade
Int2	Intermediate 2
Nat5	National 5
AL	GCE A-Levels

ILC IRISH LEAVING CERTIFICATE:

H	Higher Level
O	Ordinary Level

IB INTERNATIONAL BACCALAUREATE DIPLOMA:

H	Higher Level
S	Standard Level

ENTRY REQUIREMENTS AND ADVANCED ENTRY

The University's minimum entry requirements and information on our advanced entry points are stated on page 61 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

www.uws.ac.uk/ug

School of MEDIA, CULTURE & SOCIETY

Creative Industries

With state-of-the-art facilities, industry input, practical experience and professional recognition – creative industries programmes at UWS are geared towards meeting the demands of the sector to give you the skills to succeed. Located within our School of Media, Culture & Society, we lead UWS's Creative Media Academy – one of only three Creative Skillset Academies in Scotland – an industry accredited network of excellence.

91%

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

[1] Graduates from the School of Media, Culture & Society

[2] HESA Performance Indicator 2015/16

Our programmes

- Practice-led programmes that reflect current industry best practice
- Accredited by Creative Skillset, the Sector Skills Council for creative media and other professional bodies
- Delivered by staff with extensive experience of professional practice across screen, broadcast, journalism, music performance and visual arts
- Opportunities for students to work in creative teams to deliver real-life industry projects
- Input from a range of industry experts through guest lectures and workshops

Partnerships with leading industry employers

UWS 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). We are co-located with some of the largest media employers in Scotland – ideal for networking, collaboration and professional development.

Our students also benefit from our partnerships with the Gaiety Theatre in Ayr, Sony, AVID, BASCA, the Scottish Drama Training Network and St Mirren FC.

Professional recognition

Many of our programmes carry professional recognition – see programme entries for details.

Gain practical experience

Practical experience is a key part of many of our programmes. Our students have also worked with community projects from across the region; a range of local and community radio stations; Pinewood Studios; and Trinity Mirror newspapers.

International opportunities

Our aim is to give all of our students the opportunity to benefit from an international experience. This may be in person, as part of one of our exciting exchange programmes, or as part of an online community through our participation in the COIL (Collaborative Online International Learning) partnership. Our students have organised an international tour with music students from across the EU, worked on an animation project in Toronto, and set up a live stream with students in Delhi.

Industry-standard facilities

Facilities are based at our state-of-the-art £81million Ayr Campus, which opened in September 2011, where you can access screening space; a performance suite; three-camera TV studios; comprehensively equipped radio studios; music rehearsal rooms; recording studios; computer labs with Apple Macintosh computers equipped with software and accessories for video, audio, radio, music and art; and the UWS student radio station.

ALUMNI PROFILE

A different beat

ALUMNI: Mark Sinclair

COURSE: BA (Hons) Commercial Music

CURRENT ROLE: Lecturer of Music and Sound Production at Ayrshire College

Mark Sinclair had already tasted the rock 'n roll lifestyle when he joined the UWS Commercial Music course. An accomplished pianist, who had been playing since age 14, he completed an HND in Sound Production at Ayrshire College before deciding that he needed to learn more about the industry.

"I'd been a recording artist for a few years and toured around the world as a freelance musician. I figured I knew the ropes but I needed some structure. That's what the UWS course gave me," says Mark. He cites research projects, contacting people in the music industry and delivering presentations as being instrumental in laying the foundations for a teaching career. He reckons the UWS course helped instil confidence and developed the work ethic needed to create a sustainable future as an educator and working musician. His decision to study here remains one of the most important he has ever made.

He was able to step into a role at Ayrshire College almost immediately after graduating. He also acts as a Community Learning Tutor for the college, where he teaches mindfulness and psychology based health, wellbeing and employability courses across Ayrshire.

Mark still stays in touch with UWS though, covering classes as an Associate Lecturer. As a bonus, UWS has helped to keep his personal music pursuits going by recommending him for music production and engineering projects.

PLAYING TO MARK'S TUNE

While at UWS Mark attended orchestral recording sessions in Prague.

He is part of a collaborative album project featuring acclaimed Scottish artists.

Played in recordings with the City of Prague Philharmonic Orchestra.

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."

"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.

Christopher Martin

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, now in their 21st year and organised by Radiocentre, are the biggest annual celebration of commercial radio. They 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

WHAT'S THE HOMELESS WORLD CUP?

Started in 2003, in Graz, Austria.

Teams are made up of 4 players: a goalie, and 3 outfield players.

2017 tournament takes place in Oslo, Norway.

Homeless World Cup

QTV SPORTS — YOUR SPORT / YOUR COVERAGE

Homeless World Cup
For seven days in July 2016, Glasgow's George Square transformed into a football ground and played host to the Homeless World Cup. 416 matches were played, and the whole event was broadcast online by Glasgow-based QTV Sports. More than a dozen current students and recent graduates from UWS helped out on the QTV production team – and together they won the Best Innovation Award at the Royal Television Society (Scotland) Awards 2017.

Team spirit
UWS and QTV Sports have worked together for many years: Paul Tucker, Programme Leader on the Broadcast Production: TV and Radio course, estimates that between 40 and 60 students have completed placements and internships with the production company. And what began as an easy way for undergrads to get a taste of real work has now become a much closer working relationship: some graduates have even secured permanent roles at QTV.

Day in the life
You can't expect to be part of an award-winning piece of coverage every day on a typical student placement with QTV, but you'll see plenty of action. It's a much smaller outfit than something like BBC Scotland, says Paul, so you're more likely to do a bit of everything. Of course, you might make a coffee or two – but you'll also be in with a chance of covering a whole weekend of sport: being the runner, operating a camera, or catching athletes in spare moments for an impromptu interview.

"It's really important that what we teach is relevant," says Paul, "and we show students the realities of working in television. There might not be many permanent roles out there, but there will always be interesting freelance careers to pursue, students get a taste of the kinds of opportunities they can expect."

WATCH THE ACTION

Watch all the matches from Glasgow 2016 where 52 countries competed and Mexico won the cup beating Brazil 6-1 in the final.

bit.ly/2uHRmgE

Broadcast Production: TV & Radio

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 4 years	Ayr

UCAS CODE: P391

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/ug**

This four-year Honours programme will teach you to make and understand television, radio and other digital media – preparing you for success in the broadcast industry.

You will work in our radio and television studios using the latest broadcasting facilities and digital sound and video editing suites. The programme incorporates excellent teaching staff with professional guest lectures, work placement opportunities, and field visits to organisations including the BBC and Glasgow's Film City. You will have the opportunity to broadcast on the campus radio station as part of the programme.

This programme is professionally accredited by Creative Skillset.

This degree prepares you for entering the dynamic media and creative industries. National broadcasters, such as the BBC and a range of media companies at home and abroad, have employed UWS graduates.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

All applicants will be expected to submit a strong personal statement and reference together with evidence of confident use of English and creative output. Applicants may be invited for interview and/or audition.

Commercial Music

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 4 years	Ayr

UCAS CODE: W340

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/ug**

Forge a lifelong and varied career in the music industry on this four-year Honours programme.

The degree is aimed at songwriters, producers and DJs, and those wishing to run small record companies or stage live events. You will work with UWS staff and visiting lecturers who are themselves practising music industry professionals, and make key contacts across the music industry.

Whether you are interested in a career in music promotion, tour management, sound engineering and production or performance, this degree will prepare you for success in the fast-changing modern music business.

This programme is professionally accredited by JAMES (Joint Audio Media Education Support).

International performance and exchange opportunities attached to this programme include study abroad in Europe, work experience in North America and performance at key European events and festivals.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

All applicants will be expected to submit a strong personal statement and reference. Applicants may be invited for interview and/or audition.

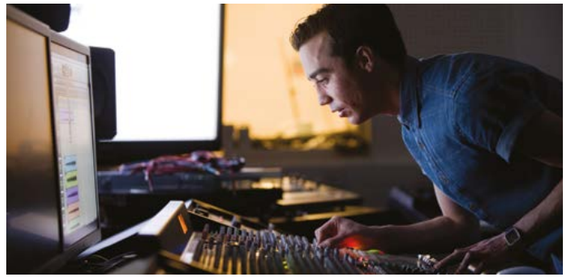
Commercial Sound Production (3rd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA 1 year	New College Lanarkshire[1] (Cumbernauld Campus)

UCAS CODE: JP30

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/ug**



This programme will enable talented individuals to forge a career in audio engineering/production (Music, Film, TV, Radio and Gaming).

It combines audio production with business study modules and/or industry environment/sociology. You will develop technical production skills in music, sound design and audio production; specialising in areas such as surround sound and audio for a range of media applications.

Placement opportunities are available and project work will develop your understanding of industry.

Fixed-term, freelance contracts are the norm in industry. These include radio/television/film; computer games; broadcast media; arts administration; community arts; music performance; music publishing; and events organisation with employers such as community arts/culture, schools and colleges and independent film-makers and radio stations. This programme is accredited by JAMES (Joint Audio Media Education Support).

ENTRY

Year 3
SQA HND / BTEC Level 5 HND: Music Technology; Sound Production; or relevant discipline

All applicants will be expected to submit a strong personal statement and reference. Applicants may be invited for interview.

[1] Some classes may be delivered off campus, at our creative hub in Glasgow's CCA and Paisley Campus.

100% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

Digital Art & Design (1st or 3rd Year Entry)[2]

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 2 or 4 years[2]	Ayr

UCAS CODE: W290

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/ug**

This four year[2] Honours award or two years Honours top up from HND enables you to specialise in cross-media practice, digital media, graphics and the moving image, and utilise these skills in research and creative contexts.

Our Ayr Campus features industry standard, cutting-edge digital art labs and production studios in which you will develop cross-media digital content, video and motion-graphics and study contemporary digital art and design practice.

During Year 3, you have the option of taking a work-related learning module to develop your practice in real-world contexts, make key contacts and further enhance your employability.

Careers exist in interactive media, film, television, graphic and comic book design, computer games design, publishing, education and community arts. Graduates work for various organisations including Apple, BBC Scotland and the NHS. Others work as freelance illustrators, artists and designers, or with community arts and education organisations.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4

Year 3
SQA HND / BTEC Level 5 HND / Foundation Degree: Computer Arts; Visual Communication; Contemporary Arts Practice; or relevant discipline

[2] This programme has traditionally offered entry to Year 3 only, however the University is currently exploring the option of entry to Year 1 from September 2018. This is currently subject to University approval – please check our website for the latest updates.

Filmmaking & Screen Writing

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 4 years	Ayr

UCAS CODE: W668

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/ug**

This four-year Honours programme offers a unique balance between film theory, filmmaking and script writing, which will enable you to develop industry-accredited skills while pursuing your passion for cinema.

You will develop essential creative, critical and professional skills important within cinema, TV and related cultural industries. You will gain experience in production, including research and script writing, camera and sound operation, and postproduction techniques, building a portfolio of work that will give you an edge in the creative sector.

Modules are taught by industry professionals and you will use the latest digital film technology, television studios, and performance spaces.

This programme is professionally accredited by Creative Skillset.

UWS graduates work as directors, camera operators and editors. Independent productions herald a new era of growth for Scotland, broadening career opportunities. In addition to film and television production, graduates also work in journalism, marketing and management. Further study is possible at MA and PhD level.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

All applicants will be expected to submit a strong personal statement and reference.

Applicants may be invited for interview.

Journalism/ Journalism (Sport)

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 4 years	Ayr

UCAS CODE: P500

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/ug**

This four-year Honours programme will prepare you intellectually and practically for success in the dynamic, competitive, multi-platform world of journalism – with the opportunity to specialise in Sports Journalism or pursue a broader Journalism curriculum.

The programme underpins practical production and broadcasting skills with theoretical insight into ethical and effective journalistic practice. You will learn general reporting, interviewing and writing skills to prepare you for the demands of the multi-platform news environment, and build your knowledge of national and local government, international relations, and civil and criminal law relating to the media.

This programme is delivered by academics with a wealth of professional experience and has strong input from the sector.

The programme is fully accredited by the Broadcast Journalism Training Council (BJTC).

Students have undertaken work experience with organisations such as St Mirren TV, BBC Scotland and The Herald. Graduates are equipped to work in newsrooms and with the essential skills and contacts to compete within a multimedia environment.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc English
AL: CCC or 96 UCAS Tariff points inc English
ILC: H3H3H3H4 inc English
IB: 24 points with 4 subjects at H4

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

All applicants will be expected to submit a strong personal statement and reference. Applicants will be invited for interview.

Performance / Performance (Contemporary Theatre / Musical Theatre / Screen Acting) (1st or 3rd Year Entry)[1]

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 2 or 4 years[1]	Ayr

UCAS CODE: W400

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/ug**

This programme will hone your existing stage acting talents, allowing you to develop transferable skills in a range of performance disciplines. You will develop new skills in script writing, directing, and researching creative practice.

You will use our state-of-the-art television and performance studios. Tutors and guest lecturers are professional practitioners who are actively involved in research on theatre production, musical theatre, green screen and stage/screen adaptation, which informs their practice and teaching.

You could find yourself acting; directing; producing/writing for stage and screen; designing and delivering community theatre projects; forming your own theatre company; or training to become a primary school teacher or secondary school drama teacher through further study.

100% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4

Year 3
SQA HND / BTEC Level 5 HND / Foundation Degree: Acting and Performance; Performance; Musical Theatre; Screen-related, or relevant discipline

All applicants to Year 3 are expected to have achieved a relevant HND qualification and should apply through UCAS.

Degree/diploma qualifications in an unrelated subject accompanied by professional theatre experience will be considered.

Applicants may be invited for interview/audition.

[1] This programme has traditionally offered entry to Year 3 only, however the University is currently exploring the option of entry to Year 1 from September 2018. This is currently subject to University approval – please check our website for the latest updates.

92% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

Social & Creative Transformations[2]

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 4 years	Lanarkshire

UCAS CODE: L391

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/ug**

This degree is the first in Scotland to immerse students in interdisciplinary research from day one. You will be introduced to the key ideas, arguments and techniques across our diverse areas of expertise, including social science, film and broadcast, journalism, and the creative arts – and empowered to develop and apply your skills outside the university walls.

Over the course of the degree programme you may undertake collaborative research with students overseas, devise and deliver advocacy campaigns, contribute to research publications and events, and create a wide range of exciting assessment outputs (e.g. films, policy papers, blogs, investigations, digital portfolios, posters) that you can share with friends, colleagues and employers to enrich your life outside university.

Working with other students and academic staff you may develop expertise in research and critical thought, underpinned by deep insight into the key themes in social and cultural theory. You will develop and extend the key technical and production skills you need to have your voice heard in the contemporary digital world. You will release your potential as a collaborative, ethical and reflective practitioner. And you will graduate with an unrivalled set of experiences and tangible outputs that will make you stand out as a professional, an activist, a creative practitioner – and as a citizen.

ENTRY

Year 1
H: BBBB, or equivalent, or 108 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H3
IB: 24 points with 4 subjects at H4

[2] Title subject to validation.

Technical Theatre & Production
(3rd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 2 years	Ayr/Gaiety Theatre[1]

UCAS CODE:	CONTACT:
3Y7M	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This two-year Honours top-up award prepares high quality, intellectual, skilled technicians for success across the full range of theatre production and management roles.

The programme is delivered in partnership with the Ayr Gaiety Theatre – Scotland's first Learning Theatre.

The programme will equip you with the practical skills and experience you need for success as a theatre professional, underpinned by outstanding teaching and research from the cutting edge of stage crafts and scenography theory.

Graduates are likely to seek employment opportunities in theatre, clubs, venues and festivals as sound, lighting and stage management experts.

ENTRY

Year 3
SQA HND / BTEC Level 5 HND / DipHE: Technical Theatre; Theatre Arts; Music/Sound Technology; or relevant discipline

All applicants will be expected to attend an interview and submit a portfolio of work.

[1] This programme is delivered on Ayr Campus and at the Gaiety Theatre in Ayr.

SECTION CONTENTS

Criminal Justice/ Criminal Justice (Policing)	38
Psychology	38
Social & Creative Transformations	38
Social Science	38
Social Work	39
Society, Politics and Policy	39

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

OXFAM

Working with international organisation Oxfam to fight poverty and inequality

50yrs

Celebrating 50 years of delivering social science education in the west of Scotland

ENTRY REQUIREMENTS KEY

H	SQA Higher Grade
AH	Advanced Higher
SG	Standard Grade
Int2	Intermediate 2
Nat5	National 5
AL	GCE A-Levels

ILC IRISH LEAVING CERTIFICATE:

H	Higher Level
O	Ordinary Level

IB INTERNATIONAL BACCALAUREATE DIPLOMA:

H	Higher Level
S	Standard Level

ENTRY REQUIREMENTS AND ADVANCED ENTRY

The University's minimum entry requirements and information on our advanced entry points are stated on page 61 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

www.uws.ac.uk/ug

School of MEDIA, CULTURE & SOCIETY

Social Sciences

Our programmes, hosted within our School of Media, Culture & Society, represent a wide range of the key social science areas. Our research-led teaching blends high-quality discipline knowledge with applied professional expertise.

Social sciences examine the world we live in – from the way we think and behave to the decisions made that shape our social and political environment. The field of social sciences at UWS is diverse. We offer degree programmes in Criminal Justice, Psychology, Social & Creative Transformations, Social Science, Social Work, and Society, Politics & Policy.

A UWS social science degree will develop your analytical, interpretative and communication abilities – skills which are highly sought after by employers. With practical experience opportunities, study abroad options and professional recognition offered on selected programmes, a UWS social science degree provides a firm foundation for your next step.

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.

Professional recognition
We have excellent links with professional bodies and develop our programmes in line with their accreditation standards.

Research excellence
Research carried out by our staff underpins all of our teaching activity, which means you'll directly benefit from our extensive expertise in a variety of fascinating, relevant areas. Our research outputs span academic publications and a range of contributions to official reports. Our research work in the social sciences area is coordinated through our Centre for Social Sciences & Creativity, and given focus by two Research Hubs, namely Public Policy, Governance & Social Justice; and Health Behaviours, Psychology & Addictions.

International opportunities
Our aim is to give all of our students the opportunity to benefit from an international experience. This may be in person, as part of one of our exciting exchange programmes, or as part of an online community through our participation in the COIL (Collaborative Online International Learning) partnership. Our students have gained first-hand experience of social work practice in Laos and taken part in a criminal justice exchange programme with students from the USA.

91%

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

[1] Graduates from the School of Media, Culture & Society

[2] HESA Performance Indicator 2015/16

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

A better world is in your hands

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.

"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

THE DEFINITION OF A DECENT WORKPLACE

Our research revealed what Scotland's low-paid workers consider the minimum standard for a good workplace.

Social climbers

John Sturgeon has been inspiring his Social Work students at UWS Dumfries Campus for six years. Before that he was a Social Worker for 22 years, so he knows exactly what skills his students need for their careers.

"Everything you experience at university – admin, interacting with lecturers, going on placement – I use all of that to prepare students for work," he says.

Our successes
And he's won recognition for his innovative approach. He was named 'Social Work Lecturer of the Year' at the Scottish Association of Social Work awards in 2016.

And it's not just our lecturers who are receiving national recognition – it's our students too!

Katie Armstrong in 2016 and Kazamira McGroarty in 2017 were both named 'Social Work Student of the Year' at the prestigious awards.

Kazamira completed her 4th Year placement with Dumfries and Galloway Council, and received the award due to her strong ethical base which she demonstrated on placement.

Katie received her award for her creative approach to her placements. Katie wrote a children's book which is used to help young children explore their understanding of the world and has since been published and used across the country.

And when you do finish your course in Social Work at UWS, John is pretty confident about your future. "The employment rate for our graduates has been excellent so far, due to our partnership with Dumfries and Galloway Council and our close working relationship with other local employers," he says.

ALUMNI PROFILE

The road to achievement

ALUMNI: Sharon McGregor
COURSE: Psychology
CURRENT ROLE: Owner, McGregor Achievement Coaching

It was the desire for a career change that propelled Sharon McGregor to achieve a first-class Honours degree and three academic awards from UWS, and form her own business. McGregor Achievement Coaching opened its doors in April 2016, providing career, performance and life coaching.

The first step in this journey was to move to part-time working in her role as office/IT manager and study towards an HNC in social sciences at Ayrshire College, before joining the UWS Psychology course.

She singles out her dissertation supervisor as helping immensely, not just with her academic work but also by supporting her to apply for research roles. She then worked on a number of projects for UWS and the NHS. Through these she widened her network, and has taken on other part-time projects while she develops her business.

Sharon says her degree and experiences at UWS helped to build the foundations for coaching, and to increase her understanding about what motivates people. After graduating she was offered a PhD at another university, but chose to complete a diploma in coaching to give her more relevant knowledge and experience working with people and helping improve their lives.

Has all that learning been worthwhile? Sharon reckons it has, and thinks her time at UWS has been instrumental in helping her achieve what she has today. She says, "Without my degree from UWS, the experiences I gained working with the University and the NHS after I graduated, and the connections I've made through these activities, my career wouldn't have developed in the way it has."

WHAT DOES A PERSONAL AND PROFESSIONAL COACH DO?

Sharon helps people with their careers, personal lives, and confidence. But what does that involve?

1. A coach helps people identify what they want from life, the steps they need to take, and how to achieve it.
2. They also prepare people for challenges along the way.
3. They are professionals at boosting confidence, self-awareness, motivation, and resilience.

Criminal Justice/Criminal Justice (Policing)

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 4 years	Paisley[1]

UCAS CODE: M211

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/ug**

Develop expertise across criminal justice theory, research and policy on this four-year Honours programme – with the possibility of specialising in Policing.

You will explore the concepts, structures, organisations and processes involved with the prevention, investigation and prosecution of crime. You will study the workings of the criminal law and criminal court system, and examine the treatment of offenders within society.

In years 3 and 4 you may be able to specialise in Policing, or continue with the broader Criminal Justice curriculum.

This degree, the only one of its kind in Scotland, will prepare you for employment in the police and prison services, criminal courts and the fiscal, third sector criminal justice services and in roles such as general administration and management.

Graduates will also find opportunities in restorative justice and mediation, community safety and working with offenders, victims and witnesses.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4
SQA HNC: Social Science; Social Studies

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

[1] Students joining in Year 2 or Year 3 will study at our new Lanarkshire Campus.

Psychology

The British Psychological Society Accredited

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BSc Hons 4 years	Paisley

UCAS CODE: C800

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/ug**

Study the human mind and behaviour in this professionally accredited four-year Honours programme – your first step towards becoming a chartered psychologist.

The programme offers you the opportunity to gain a British Psychological Society (BPS) accredited psychology degree. You will gain scientific insight into why people act in the way that they do by studying the mind, brain and behavior, and you will then be able to apply this knowledge to real world settings and problems.

Key skills will be developed in the collection, analysis and interpretation of data, which in turn will contribute to an understanding of the research and investigation process.

The BSc (Hons) Psychology degree provides the basis for Graduate Registration with the BPS.

BPS accreditation ensures that graduates are able to pursue a career in psychology by specialising through postgraduate study. In addition, many psychology graduates have used their skills and knowledge to enter a wide variety of careers including market research, teaching, the civil service, research, careers guidance and working in the charity sector.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4
SQA HNC: Science; Social Sciences; Social Studies; Social Care; Social Services; Counselling

Direct entry to Year 2 (with an HNC/HND) may be possible.
For specific grades and subjects see website listed above.

"UWS has helped me gain a better understanding of the human brain, mind and behaviour to enable me to work in a professional capacity to help others overcome obstacles in their lives."

Agnese Merlo
PSYCHOLOGY STUDENT FROM ITALY

95% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

Social & Creative Transformations[2]

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 4 years	Lanarkshire

UCAS CODE: L391

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/ug**

This degree is the first in Scotland to immerse students in interdisciplinary research from day one. You will be introduced to the key ideas, arguments and techniques across our diverse areas of expertise, including social science, film and broadcast, journalism, and the creative arts - and empowered to develop and apply your skills outside the university walls.

Over the course of the degree programme you may undertake collaborative research with students overseas, devise and deliver advocacy campaigns, contribute to research publications and events, and create a wide range of exciting assessment outputs (e.g. films, policy papers, blogs, investigations, digital portfolios, and posters) that you can share with friends, colleagues and employers to enrich your life outside university.

Working with other students and academic staff you will develop expertise in research and critical thought, underpinned by deep insight into the key themes in social and cultural theory. You will develop and extend the key technical and production skills you need to have your voice heard in the contemporary digital world. You will release your potential as a collaborative, ethical and reflective practitioner. And you will graduate with an unrivalled set of experiences and tangible outputs that will make you stand out as a professional, an activist, a creative practitioner - and as a citizen.

ENTRY

Year 1
H: BBBB, or equivalent, or 108 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H3
IB: 24 points with 4 subjects at H4

[2] Title subject to validation.

Social Science

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 4 years	Lanarkshire

UCAS CODE: L300

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/ug**

This programme offers students a transformative interdisciplinary exposure to the world of social science research. You will be introduced to a range of social science disciplines, with particular focus on Politics, Psychology and Sociology, and provided with the opportunity to develop your knowledge and understanding of classical and contemporary social science.

You will be encouraged to engage critically with the research process whilst carrying out supervised research. In the course of your studies we will help you develop a range of key transferable skills to enhance your employability, including critical research skills, information literacies, data-handling and analysis and communication skills.
Throughout the programme, you will be supported and encouraged to become a reflective, self-regulated, independent learner.

Graduates are equipped with invaluable attributes and key transferable skills which have led to successful careers in teaching, health and social care, public services, politics, and research.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H4
IB: 24 points with 4 subjects at H4
SQA HNC / BTEC Level 4 HNC: Social Science, Social Studies

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND with a B in the Graded Unit) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Social Work

Scottish Social Services Council

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 4 years	Dumfries, Paisley

UCAS CODE: L500

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/ug**

Qualify as a social worker through this professionally accredited four-year Honours programme, developing the practical skills and knowledge you need to play a crucial role in improving people's lives.

The programme is designed and delivered in collaboration with employers and service users to ensure you are equipped to make a difference in the field, and all lecturers are themselves registered social workers.

Practice learning is an integral component of the degree and you will apply your learning through 200 days of practice in settings such as prisons, children's units, addiction teams, women's support and women's aid.

The programme meets the requirements of the Scottish Government. It has been approved by the Scottish Social Services Council (SSSC) and graduates will register with them.

Graduates enjoy excellent reputations with employers, working in local authority social services; the voluntary or independent sectors; and in health or education. Careers also include children and families, community care or criminal justice.

95% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

ENTRY

Year 1
H: BBBB, or equivalent, or 108 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points plus GCSE English Language, English Literature and Maths
ILC: H3H3H3H3 plus O English and Maths
IB: 24 points with 4 subjects at H4
SQA HNC / BTEC Level 4 HNC: Social Sciences; Social Care; Social Studies; or relevant discipline (for SQA awards with Grade B in the Graded Unit)

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.

Direct entry to Year 2 (with an HNC with an A in the Graded Unit or an HND) may be possible. For specific grades and subjects see website listed above.

Early application for this programme is advisable.

NB: the University is committed to providing social work education for mature applicants and those with caring commitments. We welcome applications from a wide range of people.

Applicants will be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme) – for info visit **scotland.gov.uk**

"I chose UWS because of the placement opportunities. I was keen to get as much practical experience as possible."

Kiara Mayne
SOCIAL WORK GRADUATE

Society, Politics and Policy

SCHOOL:	DURATION:	CAMPUS:
Media, Culture & Society	BA Hons 4 years	Paisley

UCAS CODE: L213

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/ug**

This degree is aimed at students who wish to study a range of social science disciplines and subjects.

You will study Political Science, Social Policy and Sociology and engage with the social science research process.

You will also develop a range of key transferable skills, including critical research skills, information literacies, data-handling and analysis and communication skills, all of which will enhance your employability. The skills you will acquire through study are much sought after in the private and voluntary sectors.

Opportunities to study abroad are available to all students, through the Erasmus+ programme and via our other international partnerships.

Graduates work in areas such as education, health and social care, politics and public services, and may also pursue postgraduate research careers.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CCC or 96 UCAS Tariff points
ILC: H3H3H3H4
Scottish Wider Access Programme: Access to Humanities, Access to Arts and Social Sciences, and Access to Primary Education with a profile of BBB
IB: 24 points with 4 subjects at H4
SQA HNC: Social Science; Social Studies; Social Care; Counselling; Business; Nursing; Communications; Law

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND with a B in the Graded Unit) may be possible. For specific grades and subjects see website listed above.

SECTION CONTENTS

Adult Nursing	42
Mental Health Nursing	42
Midwifery	42
Maternity Care Assistant (Cert HE)	42
Health and Social Care (Cert HE)	43
Integrated Health and Social Care/with Administration	43
Nursing Studies	43
Professional Health Studies	43

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

UNICEF

Our Midwifery programme is accredited by UNICEF as Baby Friendly

The National Student Survey

91% overall student satisfaction – National Student Survey (NSS) 2016

ENTRY REQUIREMENTS KEY

H	SQA Higher Grade
AH	Advanced Higher
SG	Standard Grade
Int2	Intermediate 2
Nat5	National 5
AL	GCE A-Levels

ILC IRISH LEAVING CERTIFICATE:

H	Higher Level
O	Ordinary Level

IB INTERNATIONAL BACCALAUREATE DIPLOMA:

H	Higher Level
S	Standard Level

ENTRY REQUIREMENTS AND ADVANCED ENTRY

The University's minimum entry requirements and information on our advanced entry points are stated on page 61 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

www.uws.ac.uk/ug

Health, Nursing & Midwifery

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.

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

Practical experience
Hands-on experience is a key part of many of our programmes. This complements what you learn in lectures and tutorials – see programme entries for details.

State-of-the-art facilities
All four Scottish campuses are equipped with artificial simulated environments with contemporary healthcare technology, where you'll learn in a realistic context to put your knowledge into practice. The unpredictability of patient symptoms are mimicked using sophisticated software in a clinical ward setting.

Investment in the Domus Initiative – an older adult artificial home environment – provides you with experience in caring for older people and dementia care.

Lanarkshire and Paisley campuses also provide 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.

Our London Campus provides opportunities for students to study on campus with blended learning format offering face-to-face and online learning.

kuraCloud, a new eLearning platform, is used throughout the programmes providing learning opportunities through patient cases from adult, mental health, vulnerability, paediatric and neonates to enhance student learning.

Teaching innovation
We have gained national recognition for our work:

- Winner of Best Educational Initiative at Scotland's Dementia Awards 2016 for our innovative intergenerational resource *Dementia: Class in a Bag*, involving student nurses and local school children
- Finalist in the Scottish Dementia Awards 2015 in partnership with Alzheimer Scotland – Best acute care initiative for Scotland's National Dementia Champions Training Team
- Award for Best Innovation in Education at the Mental Health Nursing Forum Scotland event 2014 for our pre-registration Mental Health Nursing programme
- Shortlisted in the Teaching Innovation of the Year category in the Student Nursing Times Awards 2014 for our *Dementia: through the eyes of a child* project
- Shortlisted in the Times Higher Education Awards 2014 in the community contribution category for our work in dementia policy and practice
- Shortlisted in the Patient Safety category of the BMJ Awards 2015, for the development of an innovative Sepsis Screening Tool app

We work with a range of partners, both nationally and internationally, on our research interests, and this directly informs teaching at UWS.

Protecting Vulnerable Groups Scheme (PVG Scheme)
Applicants to some of our programmes will be required to join the PVG Scheme. For more info visit **scotland.gov.uk**
All offers are conditional on health and PVG checks. All applicants with criminal records must have this risk assessed and agreed with local NHS boards to facilitate placements.

Financial support
Adult Nursing, Mental Health Nursing and Midwifery students are exempt from tuition fees and may be eligible for a non means-tested bursary (depending on residency status).

To find out more about funding opportunities and eligibility on all of our programmes contact the Student Awards Agency for Scotland on 0300 555 0505 or visit **saas.gov.uk**

Applicants to programmes at London Campus should visit **gov.uk/student-finance**

Professional recognition
Graduates of our Adult Nursing, Mental Health Nursing and Midwifery programmes will be eligible for registration with the Nursing and Midwifery Council – see programme entries for details.

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.

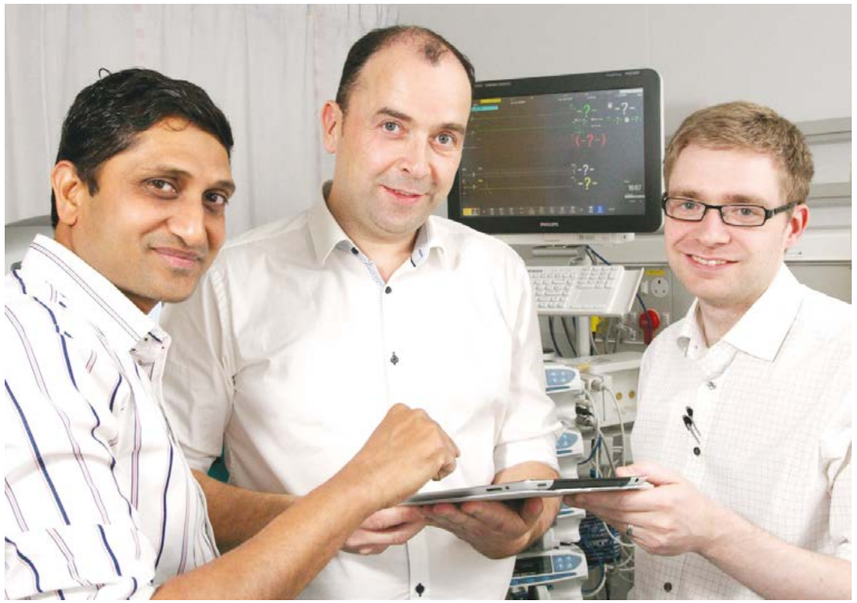
Professor Rooney says: "Every three to four seconds someone dies of sepsis. Our aim in NHS Scotland is to change that."

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

WORKFORCE DEMAND

'One Year Job Guarantee' scheme for nurses and midwives

Graduate numbers are regulated to match workforce demand

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 90,000 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?

STUDENT PROFILE

A nurse's intuition

STUDENT:
Rocio Mora-Valverde

COURSE:
BSc Adult Nursing

Rocio Mora-Valverde from Spain is in the third year of her degree at UWS in Dumfries. Rocio said: "I had just moved into the area and was considering moving to Edinburgh to start nursing, but I decided to stay in Dumfries to allow me to live at home while studying, and the smaller class sizes, I was sure, would make the quality of learning much better.

"Before starting the programme I was a community carer. I really enjoyed my job, but becoming a student nurse has been one of the best decisions I have ever made, and the satisfaction you get from helping people is the best feeling. Dumfries Campus is small enough that you get one to one attention from lecturers.

"As a mature student, I thought it would be hard, but in nursing you work closely with your peers both in the class and on placement so I have made really good friends."

NURSING IN SCOTLAND

£29,000

The average salary earned by registered nurses in Scotland.

58,000

full-time staff in NHS Scotland work in nursing and midwifery.

Adult Nursing

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	BSc 3 years	Ayr, Dumfries, Lanarkshire, Paisley

UCAS CODE:	CONTACT:
B740	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme will develop you as an autonomous practitioner committed to personal development and lifelong learning. It will also develop graduate level decision making skills and the ability to use enquiry, evidence and research mindedness to influence adult nursing practice. Graduates will have enhanced employability skills and the ability to plan a career pathway in the context of a dynamic and evolving healthcare system.

The programme offers a combination of blended learning and varied teaching techniques, including state-of-the-art virtual learning and simulated clinical environments, supported by highly experienced and qualified staff. 50% of the programme is theory based and 50% practice based. Practice experience is available throughout NHS Ayrshire and Arran; Greater Glasgow and Clyde; Lanarkshire; Dumfries and Galloway; and Highland (Argyll). Study abroad is available in Year 3 and in Year 2 there is the opportunity for a short study trip abroad usually between 3-5 days.

Graduates are eligible to register with the Nursing and Midwifery Council as a Registered Nurse in Adult Nursing. Job opportunities are excellent with attractive starting salaries. Careers include hospital based nursing, community nursing or school nurse or health visitor.

Depending on your field, you can opt to work as a Registered Nurse in the UK, other EU countries and in Canada and Australia.

98% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

ENTRY

Year 1

H: BBC (or BC plus UWS 'First Steps to Nursing' module), or equivalent, or 75 UCAS Tariff points plus English and Maths at Nat 5/Int 2/SG (2 or above)
AL: BC or 72 UCAS Tariff points plus GCSEs English Language or English Literature and Maths
ILC: H3H3H4 plus O English and Maths
Scottish Wider Access Programme: Access to Nursing: BBB
SQA HNC / BTEC Level 4 HNC: Care and Administrative Practice preferred although any HNC will be considered plus Maths at Nat 5/Int 2/SG (2 or above) or equivalent
FETAC: Complete and pass Level 5 plus Maths and English at OL

Offer of a place is conditional on successful selection process and subject to health screening check and criminal record checks.

NB: professional registration with the Nursing and Midwifery Council will be linked to an exit award of BSc Adult Nursing only.

"The modern skills labs at UWS are a pleasure to learn in and my lecturers are an amazing source of support to me and my fellow students."

Elaine Lawson
ADULT NURSING STUDENT

Mental Health Nursing

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	BSc 3 years	Ayr, Dumfries, Lanarkshire, Paisley

UCAS CODE:	CONTACT:
B760	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme will equip you to work as a Mental Health Nurse. It focuses on the importance of relationships between nurses, service users, families and carers and others working in the field of mental health and reflects the realities of 21st century mental health recovery-focused nursing.

50% of the programme is theory based and 50% practice based. Practice experience is available throughout NHS Ayrshire and Arran; Greater Glasgow and Clyde; Lanarkshire; Dumfries and Galloway; and Highland (Argyll). Study abroad opportunities are available.

Graduates are eligible to register with the Nursing and Midwifery Council as a Registered Nurse in Mental Health.

As a Registered Mental Health Nurse you may work in a hospital or community setting in the UK or EU countries and certain states in the USA or Australia. Job opportunities are excellent with attractive starting salaries.

87% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

ENTRY

Year 1

H: BBC (or BC plus UWS 'First Steps to Nursing' module), or equivalent, or 75 UCAS Tariff points plus English and Maths at Nat 5/Int 2/SG (2 or above)
AL: BC or 72 UCAS Tariff points plus GCSEs English Language or English Literature and Maths
ILC: H3H3H4 plus O English and Maths
Scottish Wider Access Programme: Access to Nursing: BBB
SQA HNC / BTEC Level 4 HNC: Care and Administrative Practice preferred although any HNC will be considered plus Maths at Nat 5/Int 2/SG (2 or above) or equivalent
FETAC: Complete and pass Level 5 plus Maths and English at OL

Offer of a place is conditional on successful selection process and subject to health screening check and criminal record checks.

NB: professional registration with the Nursing and Midwifery Council will be linked to an exit award of BSc Mental Health Nursing only.

98% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

Midwifery

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	BSc 3 years	Lanarkshire

UCAS CODE:	CONTACT:
B720	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme prepares you for a career in midwifery. In partnership with women, midwives promote and maintain health and prevent ill health in the mother and baby through empowerment, informed choice and health education.

The programme is 50% work-based experience. Placements are located in NHS Greater Glasgow and Clyde; Highland; Lanarkshire; Dumfries and Galloway; and Ayrshire and Arran Health Board areas. Study abroad opportunities are available.

Graduates can register with the Nursing and Midwifery Council as a Registered Midwife. You can work as a Registered Midwife within a hospital or community setting in the UK or in the EU. Job opportunities are excellent and starting salaries attractive.

Most graduates work in midwifery although some diversify into the fields of public health, sexual health and family health.

The programme carries UNICEF's UK Baby Friendly Initiative accreditation.

98% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

"Half of my course is spent on clinical placement where the majority of our learning takes place. It's beneficial to confidence building and skills development and an opportunity to put theory into practice."

Claire Mcrobbie
MIDWIFERY STUDENT

ENTRY

Year 1

H: BBBC, or equivalent, or 102 UCAS Tariff points inc English & preferably a science plus Maths at Nat 5/Int 2/SG (2 or above)
AL: CCC or 96 UCAS Tariff points preferably inc a science plus GCSEs English Language, English Literature & Maths
ILC: H3H3H3H4 inc English & preferably a science plus Maths at O
SQA HNC / BTEC Level 4 HNC: Care & Administrative Practice preferred although other HNC's will be considered plus H English & Maths at Nat 5/Int 2/SG (2 or above)
SQA HND / BTEC Level 5 HND: Care & Administrative Practice preferred although other HND's will be considered plus Maths at Nat 5/Int 2/SG (2 or above)
FETAC: Complete and pass Level 5 plus Maths and English at OL

Offer of a place is conditional on successful selection process and subject to health screening check and criminal record checks.

100% STUDENT SATISFACTION
TOP IN THE UK
NATIONAL STUDENT SURVEY 2016

Maternity Care Assistant (Cert HE)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	Cert HE 1 year	Paisley

APPLY:	CONTACT:
Please apply online at **uws.ac.uk/ug**	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme seeks to create a caring, competent and confident Maternity Care Assistant (MCA) fit for purpose through the integration of knowledge, understanding, skills and attitudes. In addition, students will develop the professional and personal maturity, skills and attributes necessary to work effectively within a multidisciplinary environment supporting 'woman-centred' holistic care.

Each trimester comprises a short theory block followed by defined practice placements to integrate and consolidate evidence-based knowledge and understanding with skills acquisition, attitudes and behaviours.

Topic areas studied include the professional, ethical and legal role of the MCA; working with vulnerable women; supporting infant nutrition; and early years parenting support.

Students will undertake practice placements within the associated NHS Boards which are normally their designated place of work. NHS Boards will administer the practice placement element and students can be placed in a variety of clinical areas including the full range of pre/postnatal areas and communities to achieve their competencies as appropriate to the needs of the NHS Board.

Following completion of the programme, there is a variety of possible career paths available including in General Acute Maternity Services, working within large consultant-led inner city maternity units as part of the multi-disciplinary team; in Community Maternity Services, working within rural and/or midwife-led midwifery units, promoting normality in childbirth; as a Parenthood Education Supporter, assessing need, planning content and undertaking parenthood education sessions e.g. infant feeding, transition to parenthood, postnatal support; and as a Breastfeeding Supporter, promoting, advising and supporting breastfeeding and undertaking breastfeeding support groups.

Graduates may also go onto further study at UWS in our Health Studies, Childhood Studies or Midwifery programmes or at other Higher Education Institutions.

ENTRY

H: H English & 4 other subject passes in the National Qualifications
AL: 1 AL & 3 other subject passes at GCSE and GCE

Other academic, vocational or professional qualifications deemed to be equivalent will also be considered.

Applicants must be employed within maternity services and be nominated for entry to the programme by a Line Manager.

There will be formal agreement from the maternity services provider that potential students will be fully supported to undertake the programme.

Health and Social Care
(Cert HE)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	1-3 years/2-4 years (full-time/part-time)[1]	London

APPLY:	CONTACT:
Please apply online at **uws.ac.uk/ug**	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

The complexities and challenges of health and social care provision have led to a fundamental shift in the way health and social care services are managed, financed and delivered.

This higher education programme is designed for those interested in commencing work within health and social care. It will also be of interest to employers within the statutory, private, third and voluntary sectors who wish to give early career staff within their organisation an opportunity to gain a formal health and social care qualification.

This programme is about developing your ability to deliver high quality person-centred care within the health and social care sector, by introducing you to study within the global field of health and social care.

The programme is offered on both a full and part-time basis, to enable those already working within health and social care the opportunity to study while continuing to work.

The programme is offered via two routes, to optimise the potential prospects of widening access to university for local and international students who wish to engage with a university-based health and social care programme of study but who do not meet the English language requirements for admittance to existing University programmes.

You will study four core modules. In addition to the core modules you will undertake one further module dependent upon your chosen route of study (see information on routes above). You will develop an understanding of health and social care in the global environment, learning to appreciate the value of evidence and research in the planning and delivery of health and social care. You will study standards, policies and procedures available to support health and wellbeing across the lifespan and within the context of person-centred care, appreciating the legal, ethical and professional values for care delivery.

This programme provides graduates with a range of employment opportunities within the health and social care environment. It provides opportunity to secure a formal qualification relevant to employment to statutory, private, third and voluntary sector organisations delivering health and social care.

ENTRY

H: At least 1 H & 4 other subject passes in the National Qualifications
AL: At least 1 AL & 3 other subject passes at GCSE and GCE

Other academic, vocational or professional qualifications deemed to be equivalent will also be considered.

For applicants where English is not the first language, entry will be permitted to route 2 of this programme for those able to demonstrate an IELTS score of 5.0.

[1] There are intakes to this programme in January, May and September

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	Paisley

UCAS CODE:	CONTACT:
L430/L431	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

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.

The 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. It 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, improvement strategies and developing an appreciation of the evidence base and political factors that underpin the integration agenda from a national and international perspective.

The 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[2].

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 Care; Social Services; Care & Administrative Practice (Clinical route); Working with Communities; Counselling; Early Education and Childcare; or relevant other discipline

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 discipline

NB: A part-time option is available for this programme.

[2] It is the responsibility of the student to secure a volunteering role in a relevant area.

Nursing Studies
(3rd Year Entry)

SCHOOL:	DURATION:	CAMPUS:
Health, Nursing & Midwifery	BSc Hons 2 years	London, Paisley, online

UCAS CODE:	CONTACT:
BB70	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) Email enquiries for London: bscnursing.london@uws.ac.uk Email enquiries for online: hnmguidance@uws.ac.uk

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

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.

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, online[3]

UCAS CODE:	CONTACT:
L5T3	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk For info on the full-time study option at London Campus contact info.london@uws.ac.uk or hnmguidance@uws.ac.uk

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

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 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.

A wide range of modules relevant to modern healthcare practice are offered 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 onto 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.

NB: At London Campus there are intakes in September, January and May.

[3] The online version of this programme is studied part-time - for more info contact hnmguidance@uws.ac.uk

SECTION CONTENTS

Applied Biomedical Science/Biomedical Science	46
Applied Bioscience	46
Applied Bioscience with Forensic Investigation	46
Applied Bioscience and Zoology	46
Chemistry	47
Chemistry with Education	47
Environmental Health	47
Forensic Science	47
Occupational Safety and Health	48
Pharmacy Science and Health	48

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

Athena SWAN Bronze Award

Awarded to the University for advancing the careers of women working in science, technology, engineering, maths and medicine

The National Student Survey

95% overall student satisfaction – National Student Survey (NSS) 2016

ENTRY REQUIREMENTS KEY

H	SQA Higher Grade
AH	Advanced Higher
SG	Standard Grade
Int2	Intermediate 2
Nat5	National 5
AL	GCE A-Levels

ILC IRISH LEAVING CERTIFICATE:

H	Higher Level
O	Ordinary Level

IB INTERNATIONAL BACCALAUREATE DIPLOMA:

H	Higher Level
S	Standard Level

ENTRY REQUIREMENTS AND ADVANCED ENTRY

The University's minimum entry requirements and information on our advanced entry points are stated on page 61 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

www.uws.ac.uk/ug

School of SCIENCE & SPORT

Science

UWS science programmes have been developed in collaboration with industrial and educational partners – this input, along with our extensive research and consultancy expertise, helps positively shape your learning experience, putting you in an enviable position when entering the job market.

92%

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

Fieldwork
Our programmes offer a balance of theory and practice. Many of our modules include off-campus fieldwork components. UWS students have gained practical experience in Norway, Australia and in the US.

Professional recognition
Many of our programmes are accredited or recognised by professional bodies such as the Health and Care Professions Council, Institute of Biomedical Science, Royal Society of Chemistry, Royal Environmental Health Institute of Scotland and the Royal Society of Biology.

First-class facilities
Get the hands-on experience you need. We give you extensive access to labs and workshop facilities from the start of your programme. These include a state-of-the-art microbiology lab; new facilities for teaching and research in physics, forensic science, analytical chemistry, biology and biotechnology; a Spatial Pattern Analysis lab; and polarised light and fluorescent microscopes with advanced image analysis systems and a high-resolution laser Doppler imager.

Placement/work-related learning
Get real-world experience and enhance your CV with placement opportunities – see individual programme entries. UWS students have worked with industry giants such as BNFL, GlaxoSmithKline and British Energy and have undertaken work related learning in Europe, Africa and Asia.

Research to improve our world
Research in the Institute of Biomedical & Environmental Health Research (IBEHR) focuses on humans, health and disease, and the environment, in our drive to improve the world we live in. UWS scientists are working at the forefront of the profession. Being taught by research-active staff means that you'll directly benefit from our extensive expertise, experience and applied knowledge across a breadth of related disciplines.

ALUMNI PROFILE

Bioscience, applied

ALUMNI:
India Gray

COURSE:
BSc (Hons) Applied Bioscience

CURRENT ROLE:
Healthcare Scientist Practitioner, NHS

India graduated and walked straight into a job. How did she manage that? "I already had a job before I left uni," she says. "I did my third year placement with S.B. Drug Discovery, and then a year later they offered me a job."

India now works at the Queen Elizabeth University Hospital in Glasgow working on the newborn screening service looking for genetic inheritance disorders. "I did a lot of genetics at UWS, and I always wanted to work in the NHS," she says, "It was just a question of getting the right experience first. The placement aspect of the course at UWS really helped me focus on the next moves for my career."

The 12-week placement in her third year helped secure her first job, but her time on campus also helped. The experience she gained from the practical lab sessions as part of her course prepared her. "It gave me a lot of confidence going out into the working environment. UWS gave me a good scientific background and base of technical skills that help with the job."

And the best thing about studying at UWS? "The staff," says India. "You really could go up and ask them anything. Their teaching methods really made a difference."

"I already had a job before I left uni."

EXAMPLES OF COMPONENTS FOUND IN YOUR OLD PHONE

MOTHERBOARD | GOLD | BATTERY | CIRCUIT BOARD | TIN

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.

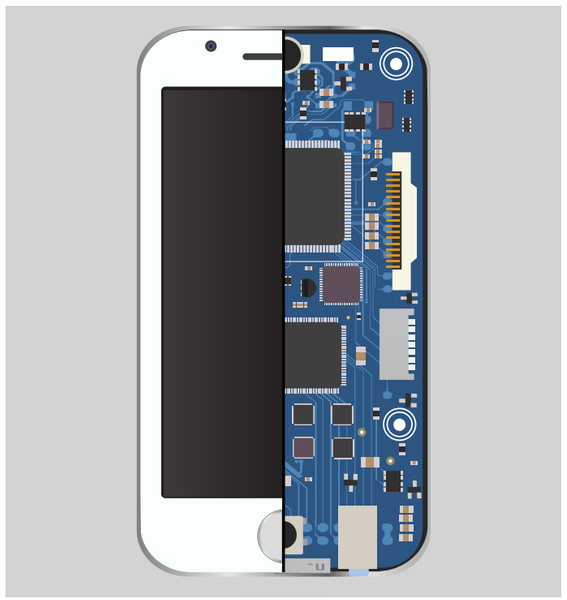
But how do you extract it – and the other metals the old devices contain? That's what Professor Andrew Hursthouse is working on as part of his wider interest in what are known as critical metals.

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."

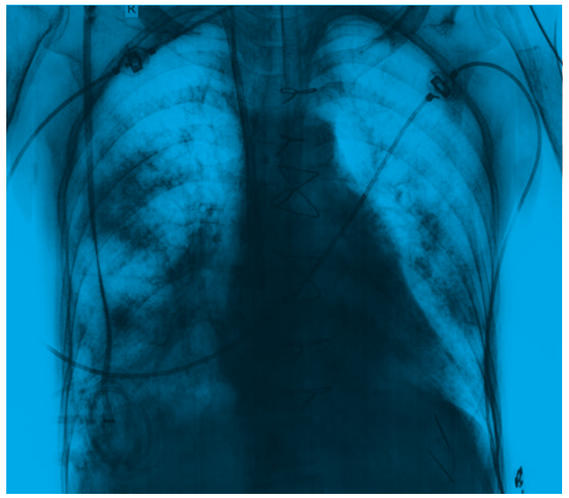
This isn't just a research project for staff and postgrads; undergraduate students are working on it too. Taking part in a real-world problem like this for an Honours year project gives students a taste of their careers to come. And an incentive to dig out that old Nokia.



- **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

[1] Figures taken from: **bbc.co.uk/news/blogs-magazine-monitor-28802646**

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. "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.

ALUMNI PROFILE

The cure finder

ALUMNI:
Andrew Fraser

COURSE:
BSc (Hons) Chemistry

CURRENT ROLE:
PhD student, University of St Andrews

Andrew works in medicinal chemistry, researching cures for neglected diseases: he's worked on African sleeping sickness and leishmaniasis, among others. He's just finishing a PhD in St Andrews, and then he'll continue in medicinal chemistry – working with pharmaceutical companies across the UK.

Andrew chose UWS for its flexibility, he says. He has Crohn's disease, and UWS was the only place in Scotland where he could study Chemistry part-time. Once he was sure his health could handle the workload, he switched to full-time study, and focused in on medicinal chemistry.

"The lecturers were really helpful and supportive – particularly in the final years when things were tougher. The core staff would bend over backwards to help you out. Some concepts in chemistry are difficult to get your head around, and sometimes it takes a one-to-one conversation to understand them." With small class sizes at UWS, it was always easy to talk to the lecturers – even during busy term time.

Indeed, Andrew didn't expect to do a PhD – then his supervisor recommended he apply. It was exactly the career-forming guidance he needed, says Andrew.

MEDICINAL CHEMISTRY **THE ROAD TO CURE**

When looking for a cure, only 1% of research projects will make it to market

Andrew works on neglected diseases – which don't receive the same level of attention or high-line funding as others

Finding a cure in medicinal chemistry is about understanding the underlying chemical mechanisms of a disease, and finding a way to disrupt them

Applied Biomedical Science/ Biomedical Science

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Paisley

UCAS CODE:	CONTACT:
C910/B940	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

These programmes have been designed to meet the needs of the NHS and develop biomedical scientists who play a vital role in modern healthcare. UWS works in partnership with NHS laboratories and the Health and Care Professions Council to equip you with the theory and practical skills necessary to become a biomedical scientist.

A 12-month optional placement is available to students undertaking Biomedical Science. Applied Biomedical Science students undertake a compulsory 15-week work placement in a hospital laboratory[1].

Applied Biomedical Science graduates can gain positions as Biomedical Scientists with starting salaries around £26,000 per annum. Biomedical Science graduates start at a slightly lower grade and undertake training while employed in the NHS. Our graduates can be found in teaching (primary and secondary), research, and nursing and often undertake further study in pharmacy, medicine and dentistry.

BSc Hons Applied Biomedical Science and BSc Hons Biomedical Science are accredited by the Institute of Biomedical Science.

The BSc Hons Applied Biomedical Science is approved by the Health and Care Professions Council – conditions apply, see our website.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Biology or Human Biology
AL: CDD or 80 UCAS Tariff points inc Biology or Human Biology
ILC: H3H3H3H4 inc Biology or Human Biology
IB: 27 points (inc Biology or Human Biology)
Scottish Wider Access Programme: Access to Medicine and Access to Science: BBB inc Biology

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Non-EEA students are ineligible to participate in the clinical work placement element of this course.

For the BSc Applied Biomedical Science degree entry to the HCPC register is dependent on the necessary character and health checks.

[1] Note that the award of placements is competitive.

NB: at present there is no financial help towards undertaking the placements (e.g. travel or accommodation).

Applied Bioscience

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Paisley

UCAS CODE:	CONTACT:
C710	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme equips you with the skills to pursue a career within biological sciences, in disciplines such as molecular biology, biochemistry, microbiology and immunology. Career options include clinical, food & beverage, environmental or industrial sectors, research and teaching.

Work-related learning is available, including an optional 12-week placement or one-year sandwich placement. Students have undertaken placements with organisations such as the Queen Elizabeth University Hospital Glasgow, Devro and Controlled Therapeutics (Scotland) Ltd.

MSc or PhD options are available for graduates. This qualification is good preparation for embarking on teacher training (Biology and Science) courses.

Graduates are eligible for membership of the Royal Society of Biology.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Biology or Human Biology
AL: CDD or 80 UCAS Tariff points inc Biology or Human Biology
ILC: H3H3H3H4 inc Biology or Human Biology
IB: 27 points (inc Biology or Human Biology)
Scottish Wider Access Programme: Access to Medicine and Access to Science: BBB inc Biology

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

92% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

96% STUDENT SATISFACTION IN BIOSCIENCE-RELATED SUBJECTS
NATIONAL STUDENT SURVEY 2016

Applied Bioscience with Forensic Investigation

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years	Paisley

UCAS CODE:	CONTACT:
C7F4	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme equips you with the forensic analytical skills to assess crime scenes, analyse biological and chemical evidence and develop complex problem solving skills. The programme also equips you with the skills to pursue a career within biological sciences, in disciplines such as molecular biology, biochemistry, microbiology and immunology.

Focusing on the theory and application of laboratory techniques used in bioscience and forensic science, you will have opportunities to practice scientific techniques, analysis and data presentation. Learning and assessment is varied and interactive including case studies and discussion groups.

You may undertake a 12-week placement during Year 3 where you can apply the skills, techniques and knowledge gained so far.

Graduates enjoy careers in healthcare, pharmaceutical, biotechnology and environmental management industries, where roles include microbiologists, molecular scientists and analytical chemists. Postgraduate opportunities in research, teaching or other full-time courses may be available.

Graduates are eligible for membership of the Royal Society of Biology.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Biology or Human Biology
AL: CDD or 80 UCAS Tariff points inc Biology or Human Biology
ILC: H3H3H3H4 inc Biology or Human Biology
IB: 27 points (inc Biology or Human Biology)
Scottish Wider Access Programme: Access to Medicine and Access to Science: BBB inc Biology

96% STUDENT SATISFACTION IN BIOSCIENCE-RELATED SUBJECTS
NATIONAL STUDENT SURVEY 2016

Applied Bioscience and Zoology

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Paisley

UCAS CODE:	CONTACT:
CC93	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme equips you with the skills to pursue a career within zoological sciences, in roles such as countryside ranger, pest control professional, zoo keeper, or within the fish farming industry or research and teaching.

It covers a range of topics including the zoological specialisms of animal behaviour, aquatic ecology, conservation, entomology and pest management. A key feature of this programme is the amount of field work undertaken, with a number of day trips and a residential marine biology field trip in Year 3.

A work-related learning module is also available in Year 3. Students have undertaken placements at organisations such as Blair Drummond Safari Park, Amazonia and Scottish SPCA.

Graduates are eligible for membership of the Royal Society of Biology.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Biology or Human Biology
AL: CDD or 80 UCAS Tariff points inc Biology or Human Biology
ILC: H3H3H3H4 inc Biology or Human Biology
IB: 27 points (inc Biology or Human Biology)
Scottish Wider Access Programme: Access to Medicine and Access to Science: BBB inc Biology

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

96% STUDENT SATISFACTION IN BIOSCIENCE-RELATED SUBJECTS
NATIONAL STUDENT SURVEY 2016

Chemistry

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Paisley

UCAS CODE:	CONTACT:
F100	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This degree will provide you with the knowledge and practical skills required for a career in drug research, environmental analysis and forensic science. You will develop professional skills through practical and project work, plus the analytical and communication skills relevant to the modern scientist.

The Honours sandwich programme offers a year's paid work experience between years 3 and 4. Study abroad opportunities are available.

You will study the general aspects of chemistry including organic, inorganic and physical chemistry, throughout the programme up to an advanced level. Additional learning includes topics such as medicinal chemistry, health and safety, environmental chemistry, spectroscopy and photochemistry.

You can pursue a career in chemical research, industry, environmental pollution monitoring, commerce, technical sales, management or teaching.

UWS graduates have secured roles including process chemist at GSK, laboratory supervisor at Sellafield Ltd and medicinal chemist with Scottish Biomedical. Graduates are also sought by non-scientific employers.

The programme is accredited by the Royal Society of Chemistry (RSC). The RSC accreditation is a rigorous evaluation process that is respected around the world. It helps students, their parents and advisers choose high-quality degree programmes, and graduates will have an advantage when applying for jobs and in looking for professional qualifications.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Chemistry
AL: CDD or 80 UCAS Tariff points inc Chemistry
ILC: H3H3H3H4 inc Chemistry
IB: 27 points inc Chemistry
Scottish Wider Access Programme: Access to Medicine and Access to Science: BBB inc Chemistry

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

94% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

91% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

Chemistry with Education

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years	Ayr and Paisley[1]

UCAS CODE:	CONTACT:
CE10	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This degree will provide you with extensive theoretical knowledge and practical skills in chemistry. In addition, you will develop professional skills through work-based learning, ensuring you are fully equipped to meet the demands of being a teacher.

The overall aim of the programme is to develop individuals with the knowledge and skills required to teach Chemistry at Secondary School level. You will study Chemistry to Honours level, and will also develop your teaching skills in years 3 and 4 by taking modules in Education. On successful completion of the programme you will have met the Standard for Provisional Registration, and thus be eligible to apply for provisional registration with the General Teaching Council for Scotland (GTCS) and entry to the Teacher Induction Scheme as a secondary school teacher of Chemistry with Science.

The programme teaches the fundamentals of chemistry as a core science and laboratory sessions develop practical and communication skills. Across the four years of the programme, increasingly complex understanding of principal aspects of chemistry – organic, inorganic, analytical and physical – is developed. Depth of knowledge across a broad range of topics supports the teaching of senior phase courses up to Advanced Higher level.

In Year 1, you will study core modules in biology and physics, with the option to pursue one area further, which, as you progress through the programme, will support your delivery of general science in the broad general education phase of the secondary curriculum.

The study of education is introduced in Year 3 with a focus on key educational issues, cross-cutting curricular themes, contexts for learning and professional values. Knowledge and understanding of curriculum, pedagogy and assessment of chemistry and general science, and the skills and abilities to implement effective teaching and learning, are developed in Year 4, through campus teaching and school experience placements.

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

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Chemistry
AL: CDD or 80 UCAS Tariff points inc Chemistry
ILC: H3H3H3H4 inc Chemistry
IB: 27 points inc Chemistry
Scottish Wider Access Programme: Access to Medicine and Access to Science: BBB inc Chemistry

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

For entry or progression into Year 3, all applicants should have an English qualification of at least SCQF Level 6 (e.g. Higher English or ESOL).

An offer of a place on Year 3 is made on the basis of successful interview.

Applicants are strongly advised to visit the Teaching in Scotland website **teachinscotland.scot** for full information on what is required to become a teacher in Scotland.

[1] The Chemistry modules are taught at Paisley Campus and the Education modules at Ayr Campus.

Environmental Health

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years	Paisley

UCAS CODE:	CONTACT:
B910	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme is aimed at those wishing to pursue a career within environmental health.

To qualify as an Environmental Health Officer (EHO) you must complete the programme of study and The Royal Environmental Health Institute of Scotland (REHIS) Scheme of Professional Practice which requires the completion of a portfolio through learning in a relevant work environment.

Your learning will include detailed consideration of health and safety, the management of risk, microbiological analysis, environmental health law, parasitology, measurement quality and processes, food inspection and pollution control.

Rewarding roles exist within the public and private sectors in public health, noise pollution control, food inspection and pest control.

UWS graduates work in both the public and private sectors in careers as diverse as restaurant inspectors, noise pollution officers, waste management consultants and health and safety advisors.

This programme is the only one of its kind in Scotland to be accredited by REHIS and the Institution of Occupational Safety and Health – conditions apply, see website for full details.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc 1 science[2]
AL: CDD or 80 UCAS Tariff points inc 1 science[2], plus GCSE Biology and Chemistry
ILC: H3H3H3H4 inc 1 science[2]
IB: 27 points (inc Biology or Human Biology plus 3 other subjects at H)
Scottish Wider Access Programme: Access to Medicine and Access to Science: BBB
SQA HNC / BTEC Level 4 HNC: Appropriate science based subject

Direct entry to Year 2 (with an HND) and Year 3 (with an appropriate science-based BSc degree) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

[2] Science subjects: Geography, Maths, Biology, Human Biology, Chemistry, Physics, Psychology, Sociology, Modern Studies

100% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

Forensic Science

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Paisley

UCAS CODE:	CONTACT:
F410	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

Forensic science is the application of science in support of the legal process. This degree will equip you with essential knowledge and skills in biological and chemical sciences necessary for a career in this field.

You will gain hands-on experience in our well-equipped laboratories and investigate typical crime scene scenarios in a realistic manner. The optional sandwich degree award offers the benefit of a paid industry placement. Study abroad opportunities are available.

The police and customs and excise are obvious employers; however, work in environmental protection, accident investigation, drug research, the chemical industry and biomedical sciences is possible.

Graduates also continue studies in forensic science on taught MSc programmes and in postgraduate research.

BSc (Hons) Forensic Science graduates are eligible to apply for Associate Membership of the Royal Society of Chemistry (AMRSC) – conditions apply, see our website for full details.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points inc Chemistry
AL: CDD or 80 UCAS Tariff points inc Chemistry
ILC: H3H3H3H4 inc Chemistry
IB: 27 points inc Chemistry
Scottish Wider Access Programme: Access to Medicine and Access to Science: BBB inc Chemistry

Direct entry to Year 2 (with an HNC) and Year 3 (considered on an individual basis) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

100% STUDENT SATISFACTION
TOP IN THE UK
NATIONAL STUDENT SURVEY 2016

100% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

Occupational Safety and Health

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years[1]	Paisley

UCAS CODE:	CONTACT:
N620	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme is designed to produce graduates who will have responsibility for safety and health within industry, commerce and public bodies.

The programme is aimed at candidates from a wide variety of backgrounds, giving you the confidence to manage the health and safety of your organisation. If you are not yet employed, this degree will give you a competitive edge.

Your learning will include topics such as cells and molecules, biodiversity, scientific investigation, health and safety at work, health and safety and environmental health law, radiation, risk management, managing health and safety within business, acoustics and health, housing and pollution control.

You can pursue a career in local authorities, public sector organisations, education, construction, shipbuilding and insurance companies. Jobs include health and safety officers, consultants and risk assessors with companies, local, national and international.

Graduates can apply to the Institution of Occupational Safety and Health (IOSH) to become a member – conditions apply, see our website for full details.

ENTRY

Year 1

H: BBBC, or equivalent, or 102 UCAS Tariff points inc 1 science[2]
AL: CDD or 80 UCAS Tariff points inc 1 science[2], plus GCSE Biology and Chemistry
ILC: H3H3H3H4 inc 1 science[2]
IB: 27 points (inc Biology or Human Biology plus 3 other subjects at H)
Scottish Wider Access Programme: Access to Medicine and Access to Science: BBB

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

[1] The programme is also offered on a part-time basis.

[2] Science subjects: Geography, Maths, Biology, Human Biology, Chemistry, Physics, Psychology, Sociology, Modern Studies.

100% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING

HESA PERFORMANCE INDICATOR 2015/16

Pharmacy Science and Health

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years BSc Hons (Sandwich) 5 years	Paisley

UCAS CODE:	CONTACT:
B2L5	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme will aim to bridge the gap between healthcare and the science behind pharmacy and will address the educational needs of pharmacy assistants.

In the early years of the programme the emphasis will be placed on the molecular science fields, while in the latter years the health/clinical aspects of the programme will become the predominant theme.

Laboratory work will comprise a significant element of the programme; you will develop skills across the traditional subject boundaries equipping you to meet the challenges associated with practical work in the pharmaceutical health sector. You will also develop a range of transferable skills.

The Honours sandwich programme offers the possibility of a year's work experience between years 3 and 4. Study abroad opportunities are available.

Graduates are expected to have employment opportunities with organisations in pharmaceutical and healthcare sectors in Scotland and internationally. Roles include health advice/consultancy, sales and marketing, pharmacy support and clinical research trials on new drugs.

ENTRY

Year 1

H: BBBC, or equivalent, or 102 UCAS Tariff points inc Chemistry
AL: CDD or 80 UCAS Tariff points inc Chemistry
ILC: H3H3H3H4 inc Chemistry
IB: 27 points inc Chemistry
Scottish Wider Access Programme: Access to Medicine and Access to Science: BBB inc Chemistry

Direct entry to Year 2 (with an HNC/HND) may be possible while certain HNDs may provide entry to Year 3. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

NB: the Pharmacy Science and Health programme will not lead to the Masters in Pharmacy (MPharm) award and therefore does not allow graduates to register as a pharmacist.

SECTION CONTENTS

Sport Coaching	S1
Sports Coaching & Development	S1
Sport Development	S1
Sport and Exercise Science	S1

REF2014 Research Excellence Framework

Programmes underpinned by internationally excellent/ world-class research

Athena SWAN Bronze Award

Awarded to the University for advancing the careers of women working in science, technology, engineering, maths and medicine

The National Student Survey

95% overall student satisfaction – National Student Survey (NSS) 2016

ENTRY REQUIREMENTS KEY

H	SQA Higher Grade
AH	Advanced Higher
SG	Standard Grade
Int2	Intermediate 2
Nat5	National 5
AL	GCE A-Levels

ILC IRISH LEAVING CERTIFICATE:

H	Higher Level
O	Ordinary Level

IB INTERNATIONAL BACCALAUREATE DIPLOMA:

H	Higher Level
S	Standard Level

ENTRY REQUIREMENTS AND ADVANCED ENTRY

The University's minimum entry requirements and information on our advanced entry points are stated on page 61 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

www.uws.ac.uk/ug

School of SCIENCE & SPORT

Sport

We have developed a reputation for excellence in sport at UWS. Our growing portfolio of programmes integrate biological and behavioural approaches to enhance human health and performance.

Our programmes are developed with the professions, and with extensive links with professional bodies, excellent facilities, and teaching from staff who have experience of working with major sporting organisations. Your studies will emphasise breadth and depth of content, scientific methodology, and intellectualism for lifelong learning, thinking and action.

92%

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

First-class facilities: *Lanarkshire*

The research undertaken in our Institute for Clinical Exercise and Health Science provides the underpinning science for our programmes. Newly developed facilities at the new Lanarkshire Campus, 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.

Ayr

Ayr Campus features a small multi-purpose sports hall, which was designed specifically for use as a learning space. In addition there is a fitness suite which features a range of equipment to suit varied training needs.

Industry expertise

UWS academics have a wealth of sporting expertise and experience with organisations such as the Olympic and Commonwealth bodies, the Scottish Football Association, Union Cycliste International (UCI), Scottish Cycling and the Welsh Rugby Union. Our expertise means you'll be taught by staff with a wealth of knowledge across a range of disciplines. We work with a wide variety of partners including Glasgow School of Sport and PFA Scotland. We also have links with most Scottish sports governing bodies and organisations such as sportscotland, BASES, UK Sport and many more.

Employability

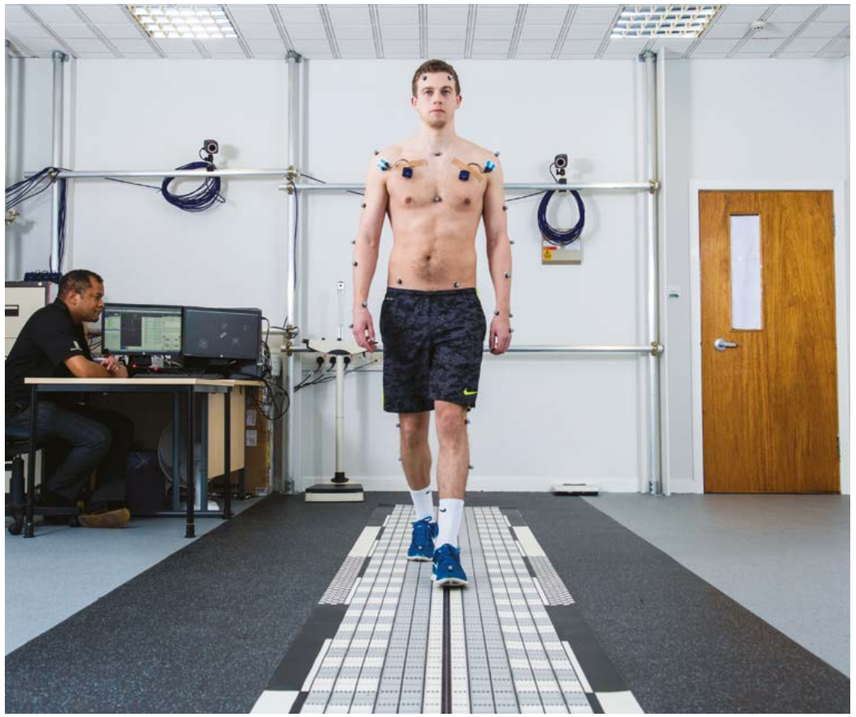
UWS sport graduates build careers in the commercial fitness and leisure industry; in professional sports coaching; specialist sports development; and also practice as exercise scientists. Other employment prospects for UWS graduates include exercise and health development officer; active schools co-ordinator; health promotion officer; and lifestyle officer. Our programmes also prepare you for postgraduate study leading to employment as a physical education teacher.

Research with real-world impact

The Institute of Clinical Exercise and Health Science leads our research agenda. Our researchers are working on diverse topics and in collaboration with a global network including partners in Brazil, China, Australia and the US.

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 Sports 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.

GET THE MINDSET

Perform like a pro with these five techniques from Jeffrey:

1. **GET IN THE ZONE**
Too Hyped? Focus on what you want to achieve and how you can achieve it. Only you are in control of you (cue Rocky soundtrack).

2. **GOAL SETTING**
Plan how you're going to achieve your goals, with realistic timeframes.

3. **IMAGERY**
Imagine the precise feeling of performing excellently: the sights, the sounds, the smells, everything. Then make it a reality.

4. **MAINTAIN A ROUTINE**
A combination of productive thoughts and actions will get you in the optimal mindset for performance. Think about your strengths, listen to music, relax.

5. **CHITTER-CHATTER**
Use direct, positive phrases to focus the mind before a game, like 'smooth swing' for golf, or '141mph serve' for tennis, if you're Andy Murray.

ALUMNI PROFILE

The brain coach

ALUMNI: Jeffrey Webster

COURSE: BSc (Hons) Sport Coaching

CURRENT ROLE: Sport psychology consultant

It seems obvious that you need to train for sport – but it's not just about lifting weights at the gym or running laps of the local park. The mind needs just as much attention and training as the body, and that's where sport psychology consultants like Jeffrey Webster come in.

Jeffrey set up his sport psychology consultancy as soon as he left UWS – and enrolled on a Masters course at the same time. He now has clients across Scotland, including the Aberdeen women's football team. And when it comes to having the confidence to go out on his own and work with people, he feels lucky to have had a head start at UWS.

"The course was excellent at matching theory to applied experience," he says. "Studying at UWS, I felt like a confident practitioner, even before I was a practitioner."

Not only could he focus on sport psychology in his final year, but also design treatment for his first client for his dissertation. "My supervisor was a sport psychologist, and she really took me under her wing when she saw I was interested. I wouldn't be where I am today without that experience."

He came to UWS not really knowing what he wanted to do, and now he's set his sights on being the top name in sport psychology in the UK. His advice for new students? Try a bit of everything that UWS offers: you never know where it could lead you.

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.

Sport Coaching

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years	Lanarkshire

UCAS CODE:	CONTACT:
CX6C	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme focuses on equipping you with the knowledge and skills to become a coaching professional. It has been developed in consultation with national sport organisations, governing bodies, sport industry personnel and expert coaches.

Placement learning and developing practical skills are key. Industry links provide work-based learning opportunities and offer links to attainment of coaching qualifications. Students have undertaken placements with St Mirren Football Club, South Lanarkshire Leisure and Culture Trust and Netball Scotland.

Graduates work with local authorities, sports clubs, and health promotion initiatives; as well as national governing bodies including coaching delivery and sport development. Others work within the area of Active Schools as sport development officers, PE teachers, and with NGB's and various other educational outlets.

93% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

ENTRY

Year 1
H: ABBC or BBBB or AACC, or equivalent, or 108 UCAS Tariff points inc English, PE & 1 science[1]
AL: CCC or 96 UCAS Tariff points inc English, PE & 1 science[1]
ILC: H2H3H3H4 or H3H3H3H3 or H2H2H4H4 inc English, PE & 1 science[1]
IB: 27 points (inc English or a science[1] plus 3 other subjects at H)
SQA HNC / BTEC Level 4 HNC: Sports Coaching with Sport Development; Fitness, Health and Exercise; Sport and Recreation Management (for SQA awards with Grade B in the Graded Unit)

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Academic reference, personal experience in a sporting environment and a high written standard of personal statement will be considered. Mature applicants may be considered on an individual basis, with relevant coaching experience and a strong personal statement.

Applicants may be invited for interview.

NB: Students are expected to purchase UWS sports kit for placement/practical activities – see our website for more info on costs etc.

Students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see **scotland.gov.uk**

[1] Science subjects: Geography, Maths, Biology, Human Biology, Chemistry, Physics, Psychology, Sociology, Modern Studies.

Sports Coaching & Development

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BA Hons 4 years	Ayr

UCAS CODE:	CONTACT:
CC66	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme focuses on equipping you with the knowledge and skills to move into employment within the sports coaching and development industries. It has been developed in consultation with national sport organisations, governing bodies, sport industry personnel and expert coaches. Both sports coaching and sports development aspects are focused on throughout the entire four years of the course (i.e. students do not select to specialise in one or the other).

Placement learning, classroom based learning and developing practical skills are key. Industry links provide work-based learning opportunities and offer links to attainment of coaching qualifications. Students have undertaken placements with many sports coaching and development organisation in Ayrshire and beyond.

Graduates have gone on to work within local authorities, sports clubs, health promotion initiatives, Active Schools/sport development, NGBs and various other educational outlets (as teachers and lecturers). Many graduates have gone on to complete postgraduate study in order to gain employment as PE teachers.

ENTRY

Year 1
H: BBBC, or equivalent, or 102 UCAS Tariff points
AL: CDD or 80 UCAS Tariff points
ILC: H3H3H3H4
IB: 27 points
SQA HNC / BTEC Level 4 HNC: Coaching and Developing Sport or other relevant title; Sports Coaching with Sport Development; Fitness, Health and Exercise; Sport and Recreation Management (for SQA awards with Grade B in the Graded Unit)

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Direct entry applicants may be invited for interview.

NB: Students are expected to purchase UWS sports kit for placement/practical activities – see our website for more info on costs etc.

Students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see **scotland.gov.uk**

Sport Development

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years	Lanarkshire

UCAS CODE:	CONTACT:
C600	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This programme will equip you with the skills, professional networks, and confidence to work within the field of sport and physical activity development. The programme boasts strong links to industry that are reflected in programme design, work experience opportunities, and the employment outlook for UWS students.

The significant emphasis on work-based learning and practical skills relevant to the modern industry is supported by a strong partnership with South Lanarkshire Leisure and Culture, which allows students to benefit from Active Schools training, and extensive placement and internship opportunities. Work placement forms a large part of the Sport Development degree and work-based learning opportunities are available within a wide range of organisations throughout the UK and abroad.

Graduates are multi-skilled and equipped to lead sport and physical activity development in the sport, exercise, and fitness industries as, for example, Active Schools co-ordinators, sport development officers, facility managers, and health promotion professionals. The transferable skills acquired prepare you for a wide range of employment in both the public and private sectors but also for progression to postgraduate study, including physical education teaching.

93% STUDENT SATISFACTION
NATIONAL STUDENT SURVEY 2016

ENTRY

Year 1
H: ABBC or BBBB or AACC, or equivalent, or 108 UCAS Tariff points inc English & PE
AL: CCC or 96 UCAS Tariff points inc English & PE
ILC: H2H3H3H4 or H3H3H3H3 or H2H2H4H4 inc English & PE
IB: 27 points (inc English & PE plus 3 other subjects at H)
SQA HNC / BTEC Level 4 HNC: Sport Coaching with Sport Development; Fitness, Health and Exercise; Sport and Recreation Management (for SQA awards with Grade B in the Graded Unit)

Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Academic reference, personal experience in a sporting environment and a high written standard of personal statement will be considered. Mature applicants may be considered on an individual basis, with relevant experience and a strong personal statement.

Applicants may be invited for interview.

NB: Students are expected to purchase UWS sports kit for placement/practical activities – see our website for more info on costs etc.

Students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see **scotland.gov.uk**

Sport and Exercise Science

SCHOOL:	DURATION:	CAMPUS:
Science & Sport	BSc Hons 4 years	Lanarkshire

UCAS CODE:	CONTACT:
C602	Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk

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

This practical and applied programme will equip you with the essential knowledge and skills to become a sport and exercise scientist.

Sport and exercise science is concerned with supporting athletes and sports clubs, improving health, preventing illness and helping recovery from illness through programmes of physical activity. You will study a range of core disciplines including exercise physiology, psychology and biomechanics and a range of optional pathways.

The programme is practical and lab-based, to give you professional skills as a sport and exercise scientist.

In Year 3 you will have the opportunity to undertake an applied work placement with a relevant employer such as a professional sports team or working with high level athletes.

Employment opportunities exist in local authorities, education, professional sport and the healthcare and science professions. Graduates may also work as research scientists, primary and secondary teachers, sport coaches, medical reps and police officers.

A number of our graduates are successful in applying for further postgraduate study such as MRes, MSc and PhD programmes.

100% STUDENT SATISFACTION
TOP IN THE UK
NATIONAL STUDENT SURVEY 2016

94% OF GRADUATES IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING
HESA PERFORMANCE INDICATOR 2015/16

ENTRY

Year 1
H: ABBC or BBBB or AACC, or equivalent, or 108 UCAS Tariff points inc 1 science[2] (Biology preferred)
AL: CCC or 96 UCAS Tariff points inc 1 science[2]
ILC: H2H3H3H4 or H3H3H3H3 or H2H2H4H4 inc 1 science[2]
IB: 27 points (inc 1 science[2] plus 3 other subjects at H)
Scottish Wider Access Programme: Access to STEM: BBB

Direct entry to Year 3 (with an HND) may be possible. Appropriate A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

Academic reference, personal experience in a sporting environment and a high written standard of personal statement will be considered. Mature applicants may be considered on an individual basis, with relevant experience and a strong personal statement.

Students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see **scotland.gov.uk**

[2] Science subjects: Maths, Biology, Human Biology, Chemistry, Physics, Psychology.

LIFE AT UWS

Contents

OUR CAMPUSES	53	SPORT AT UWS	60
INTERNATIONAL STUDENTS	55	APPLICATION & ENTRY REQUIREMENTS	61
ADVANCED ENTRY	57	INTERNATIONAL APPLICATIONS	62
STUDENT SUPPORT	58	FINANCE	63
STUDENTS' ASSOCIATION	59	OPEN DAYS & FURTHER INFO	64

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, the application process, and more.

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.

OPEN DAYS:
Wednesday 27th September 2017 4-7pm
Saturday 7th October 2017 11am – 1pm

MORE INFO:
For more information on studying, staying in our accommodation or traveling 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 stunning £13.2m residence and traditional tenement flats. In 2017/18 the costs of our tenement flats ranged from £85 per week for a two-bed non en-suite single room to £142 per week for a single occupancy one-bedroom flat, while a standard en-suite room in our new residence was available for £99 per week. These prices may be subject to change for 2018/19 - check our website for further info.

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.

OPEN DAYS (AT CURRENT UWS HAMILTON CAMPUS):
Wednesday 20th September 2017 4-7pm
Saturday 4th November 2017 11am – 1pm

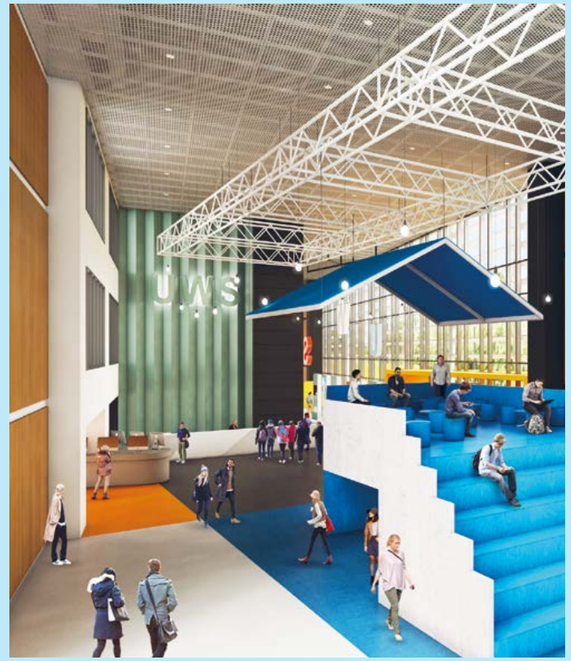
MORE INFO:
For more information on studying, staying in our accommodation or traveling to Lanarkshire Campus visit **uws.ac.uk/about-uws**

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, open-plan kitchen and lounge areas, wash area in each bedroom, bedding packs, bathroom/shower facilities and laundry facilities. In 2017/18 accommodation was just £85 per week; price is inclusive of electricity/gas and contents insurance cover. This price may be subject to change for 2018/19 - check our website for further info. 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 10.

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.

OPEN DAYS:
Saturday 30th September 2017 11am – 1pm
Wednesday 4th October 2017 4-7pm

MORE INFO:
For more information on studying, staying in our accommodation or traveling 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 2017/18 costs ranged from £99 per week for a standard en-suite room to £142 per week for a one-bed studio flat. These prices may be subject to change for 2018/19 - check our website for further info.

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.

OPEN DAYS:
Wednesday 6th September 2017 4-7pm
Saturday 4th November 2017 11am-1pm

MORE INFO:
For more information on studying, staying in our accommodation or traveling 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 2017/18 ranged from £85 per week per person to £130 per week per person. These prices may be subject to change for 2018/19 - check our website for further info.

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.

OPEN DAYS:
We host a number of open days throughout the year.
Visit our website for details.

MORE INFO:
For more information on studying, staying in local accommodation or traveling 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 EDINBURGH 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

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.

ON AVERAGE, STUDENTS RATE LEARNING AND LIVING IN SCOTLAND BETTER THAN IN THE REST OF THE UK AND EUROPE[2]

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 during 2018, here's our quick rundown of our 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

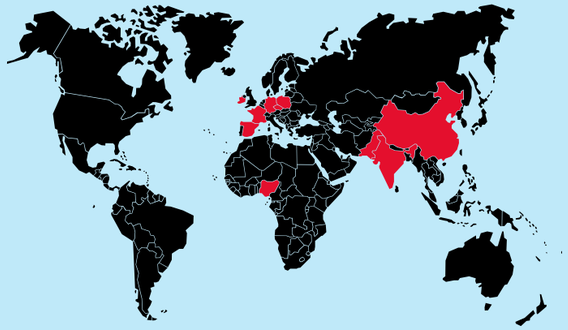
GLASGOW & EDINBURGH HOGMANAY CELEBRATIONS *DECEMBER*
Join the biggest and best street parties in the world

OUR STUDENT BODY IS DRAWN FROM 1/3 OF THE GLOBE

120 EUROPEAN PARTNERS

3,021 INTERNATIONAL (EU & NON-EU) STUDENTS

48000+ 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

We understand that choosing to move overseas for your studies can be both exciting and daunting; that's why we offer plenty of support to ensure you get the most out of your studies and prepare you for life after graduation.

Our dedicated team of international student advisors help make the transition to student life in Scotland as smooth as possible and can help with a variety of matters prior to, and for the duration of your time here, including:

- immigration and visa enquiries
- working in the UK
- letters for visiting relatives
- finance
- welfare and health benefits
- general wellbeing

Our website is a great source of info and advice for international students at **uws.ac.uk/international**

Study routes at UWS
There are various routes available to international students who'd like to study at UWS. Students who meet the specified language and academic criteria may apply directly to a programme at UWS. As a rough guide, an IELTS score of 6.0 or above[2] (minimum 5.5 in each component) provides a direct entry path to most programmes at UWS.

Students who do not meet this requirement may be able to undertake a pre-sessional English language course, a programme ideal for international students who need additional English language support.

Advanced entry
Advanced entry is available across many of our programmes, so if you've already gained a college qualification – or are working towards one – you may be able to use it for entry to the second or third year of a related UWS degree. We also offer advanced entry to those with relevant A-Level or equivalent qualifications.

Discounts[3]
Tuition fee and accommodation discounts are available.
See page 63.

International student fees
Further details on fees can be found on page 63.

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 students may make a direct application to UWS or apply through UCAS. You can make a direct application to UWS if you have not applied to any other UK university and wish to only apply to UWS – visit **uws.ac.uk/international** International students can also apply for full-time undergraduate programmes online through Universities and Colleges Admissions Service (UCAS).

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**

BRITISH COUNCIL

[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.

Advanced entry

For students starting in 2nd, 3rd or 4th year

We're proud to welcome over a thousand students from colleges in Scotland each year to our programmes and have excellent support facilities for those joining us from college.

College to university
UWS has close links with colleges and has formal learner pathway agreements with eight partner colleges: Ayrshire; Dumfries & Galloway; City of Glasgow; Glasgow Clyde; Glasgow Kelvin; New College Lanarkshire; South Lanarkshire and West College Scotland.

We also articulate students from other institutions such as Forth Valley College, Edinburgh College and Fife College.

If you already have a college qualification, or are working towards one, most of our programmes offer the opportunity to progress (also known as articulate) with an HNC directly into Year 2 and with an HND directly into Year 3 of a UWS degree programme. For specific grades and subjects required see **uws.ac.uk/ug**

To accelerate your move from college to university, our College Engagement Advisers work with our partner colleges in the west of Scotland to provide support to help develop your study techniques, learning styles, exam preparation and presentation skills.

To help you get ready for university while you're at college, you can join our Associate Student Scheme which gives access to some of the University's facilities (such as the library, the union and sports facilities) and you can also access our dedicated Moodle site for college students. And when you start your studies with us, our induction programme will introduce you to university life while our personal tutor scheme and Buddy system provide additional support.

To find out more about making the move from college to university, visit **uws.ac.uk/ug** where you will find our College to Uni Guide which has detailed information about pathways and entry requirements for specific courses and colleges.

Our college partners include:

Dumfries & Galloway College
West College Scotland
City of Glasgow College
Ayrshire College
Glasgow Kelvin College
Glasgow Clyde College
New College Lanarkshire
South Lanarkshire College East Kilbride

Further details on entrance requirements and the suitability of your planned programme of study are available from our Applicant Enquiry Team on 0800 027 1000 (44 141 849 4101 outwith UK) or by email at **ask@uws.ac.uk** Entry requirements are intended only as a guide and other factors may also be taken into account when your application is considered.

Part-time study
You can study many of our programmes on a part-time basis during the day, while some are available to study in the evening, giving you the opportunity to combine your studies with work or other commitments. We can also provide advice on the most appropriate level of study to suit your qualifications and experiences. We'll also consider any prior credit and experience you have when discussing your options, and funding could be available through initiatives such as the SAAS Part-time Fee Grant. Visit **uws.ac.uk/pt** for details.

OUR STUDENT BODY

79% FULL-TIME

21% PART-TIME

ALUMNI PROFILE

ALUMNI:
Emma Campbell

COURSE:
BA (Hons) Performance

Emma studied drama from third year at school and decided immediately that this was the career she wanted to pursue. She studied acting and performance at West College Scotland, and graduated from UWS with a BA Hons in Performance. Since graduating, Emma has been successful in gaining a variety of acting parts.

"The minute I had my audition for UWS I knew it was where I wanted to study for my degree. Studying at UWS has made me realise how important research is – it provides a good backbone to study and I'm going to use this to help solidify my future pieces of work. I was told it was going to be challenging at university and it was, but I also had a really good vibe from my audition, so I expected it to be fun – which it was!"

BA (Hons) Performance p.65

Student support

The Herald
HIGHER EDUCATION AWARDS
WINNER 'STUDENT SUPPORT TEAM' 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 campuses and in the Student Link spaces at Ayr and Dumfries. Students at London Campus can access the services offered by The Hub online or by telephone to Paisley Campus. You can 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 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 59 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.

OUR STUDENT SERVICES INCLUDE:

- FUNDING & ADVICE
- INTERNATIONAL STUDENT SUPPORT
- COUNSELLING
- MULTIFAITH CHAPLAINCY
- DISABILITY SUPPORT

See our website for more info.

"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
BSc INFORMATION TECHNOLOGY GRADUATE

Students' Association

STUDENTS' ASSOCIATION SAUWS
UNIVERSITY OF THE WEST OF SCOTLAND
Scottish Charity Number: SC005410

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 extracurricular 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 Students' 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 60). 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 in your first year. 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 visit **uws.ac.uk/money**

Club sport
UWS Sport works in partnership with the Students' Association/ Team UWS 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.

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 50.

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. 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.

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.

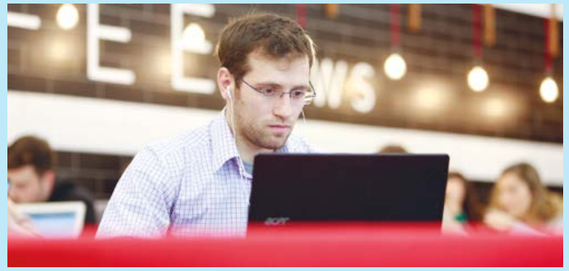
Team UWS
With over 20 competitive and recreational sports, there has never been a better time to become part of Team UWS. It's never been easier for students to participate and compete for Team UWS as every Wednesday afternoon has now been allocated as free from classes for the majority of courses. Whatever your sporting interest we've got something for you.

Visit **sauws.org.uk/teamuws** for more info.

Application & entry requirements

UWS
UCAS CODE

U40



YOUR APPLICATION

How to apply – UCAS
All applications[1] for entry to full-time Honours or Ordinary degree programmes starting in September 2018 should be submitted through the Universities and Colleges Admissions Service (UCAS). Applications through UCAS can be submitted for all points of entry, i.e., Year 1, Year 2, Year 3. For UCAS information on courses, advice and support, or to apply visit **ucas.com**

UCAS contact details
UCAS
Rosehill, New Barn Lane
Cheltenham
Gloucestershire
GL52 3LZ

0871 468 0468
(+44 871 468 0468)
enquiries@ucas.ac.uk

ucas.com
facebook.com/ucasonline
twitter: @ucas_online

The UCAS website has lots of helpful FAQs and guides available at **ucas.com/connect/videos/ucas#js=on**

When to apply
UCAS applications can be made between 1st September 2017 and 15th January 2018. To ensure our screening and selection process is transparent, consistent and fair, applicants who apply by the UCAS deadline may not receive a decision from UWS until after 1st February to ensure we consider all applications equally.

Applications submitted after 15th January 2018 will be considered subject to each applicant's academic qualifications and availability of places for each course. Applicants can select up to five programmes through UCAS. The University's institution code is U40. Information on individual course codes and campus/location details are listed on the UCAS website, or call our Applicant Enquiry Team for details. A fee of £24 must be sent with your completed UCAS form. Alternatively, you can enter one choice only on the UCAS form and pay a reduced fee of £13. Please check the UCAS website for more information on the application process and application cost.

The UCAS website gives full information on how to complete your application. There is a range of "how to" video guides, including how to apply, personal statements, entering qualifications, and making sense of your offers, on the website at **ucas.com**

How UWS reviews your application
It is important for the University to understand your motivation for the course(s) you wish to study at UWS and your reason for selecting to study with us. Through this consideration process we review the following:

- your examination results (actual and predicted grades)
- your personal statement
- references
- any work experience (helps to demonstrate that you have explored the career/profession you hope to enter)
- performance at interview or audition if appropriate
- knowledge of the course(s) of study and of UWS

In short, the full UCAS application form. So work really hard on your application to give yourself the best possible chance of being made an offer.

UWS offer
Applicants may receive either a conditional or unconditional offer to study at UWS. If you receive a conditional offer there will be requirements to meet before the offer is confirmed e.g. certain entry conditions that need to be attained, such as Higher Physics at Grade B or A Level Chemistry at Grace C. The conditions of the offer are detailed on UCAS Track.

If you have already achieved the required entry criteria for the programme(s) of your choice you will receive an unconditional offer from us.

The prospectus, UCAS and UWS website state the minimum academic entry requirements that we will consider your application against for entry to the course(s) of your choice. Please be aware that we may request a higher offer if you have not met these requirements in one sitting or if we receive a higher than expected number of applications for a particular course.

Should you be unsuccessful in your application, where you do not have the required academic entry criteria for example, we can offer advice on alternative routes to study with us.

At UWS a number of our Schools invite applicants for testing, and/or an interview or audition. Applicants will be advised through UCAS Track if they have been invited to attend one of these options. As entry to these programmes is competitive it is imperative that applicants bear in mind the importance of interviews or auditions as they will play a significant role in your overall assessment as to whether or not you receive an offer.

Throughout the application period we will keep in touch with you to make sure that you have as much information as possible about UWS to help with your future study.

[1] International students may be able to make a direct application to UWS - see page 62.

ENTRY REQUIREMENTS

Contextual data
The University recognises that applicants come from a variety of different backgrounds and have not all had the same opportunities to realise their academic potential. As a result, the UWS selection process will consider a range of additional factors or contextual data. UWS will therefore consider circumstances where an applicant:

- attends a low progression school where a relatively small number of students go on to higher education or where the number and level of examination passes is below average
- resides in an area which has been identified by the Scottish Index of Multiple Deprivation as an area of deprivation
- has been in care
- is the first in their family to attend university

UWS will also consider additional merits of potential where applicants have actively sought to enhance their academic profile or interest in going to university by participating in a recognised access programme such as Top-UP, FOCUS WEST or LEAPS.

UWS will also consider situations where applicants have experienced serious disruption to their studies through an illness or personal adversity.

Mature applicants
We welcome applications from mature students and may take work experience and relevant professional training into account when making a decision on application.

Students with disabilities
Applicants should contact the appropriate admissions staff listed in course entries if they require further information about their chosen course of study. Applicants are also advised to contact the Disability Service who support students with disabilities and specific learning difficulties, such as dyslexia. It is important that the University is notified of students' disabilities in advance, to allow individual support arrangements to be discussed prior to commencement of studies.

More information about the service can be found online at **uws.ac.uk/disability**

Ayr Campus:
+44 (0)1292 886005
disabilityservice@uws.ac.uk

Dumfries Campus:
+44 (0)1387 345825
disabilityservice@uws.ac.uk

Lanarkshire Campus:
+44 (0)1698 894448
disabilityservice@uws.ac.uk

Paisley Campus:
+44 (0)141 848 3518
disabilityservice@uws.ac.uk

NB: Students studying at our London Campus should contact the number listed for Paisley Campus in the first instance.

Entry requirements to undergraduate programmes
For admission to degree programmes, applicants should possess as a minimum, passes in at least three Scottish Highers (Grade C or above); or passes, at least two at GCE Advanced Level; or an appropriate award of the SQA, Edexcel, the AQA or OCR; or Irish Leaving Certificate at Higher level; or other equivalent qualifications acceptable to the University such as the International Baccalaureate Diploma, SQA Scottish Baccalaureate, Professional Development Awards and Youth Achievement Awards.

All applicants are expected to provide evidence of proficiency in Mathematics and English, usually at SQA National 5 (Grade C or above), SQA Standard Grade (Grades 1, 2 or 3), or SQA Intermediate 2 (Grades, A, B or C), or GCSE (Grades 4-9), or ILC Ordinary level. Some degree courses require passes in both GCSE English Literature and English Language; this will be identified on relevant course entries. Within the prospectus each programme will list the specific subject requirements.

Competition for places means that qualifications above the minimum pass standard are usually required to gain admission to a programme. Further details of entrance requirements are given under the relevant programme entries in this prospectus.

UCAS Tariff points
UCAS Tariff points will also be used for entry. To calculate your tariff points total please refer to the UCAS Tariff Calculator at **ucas.com/ucas/tariff-calculator**

The UCAS Tariff is a system of quantifying a range of different qualifications so that we can assess a prospective student's academic ability and potential to succeed on an HE course.

Please note: For some courses specific qualifications in specific subject areas will be required.

Advanced entry
Advanced entry is available across many of our programmes – see page 57 for more details.

SWAP (Scottish Wider Access Programme)
As part of our commitment to widening access to courses, the University is a participating member of the Scottish Wider Access Programme (SWAPWest). SWAP offers an alternative route to higher education through a one-year full-time access course, which guarantees entry to higher education for successful candidates.

For more information about SWAPWest call 0141 564 7206 or email **swapwest@scottishwideraccess.org**

International applications

International students may make a direct application to UWS or apply through UCAS. You can make a direct application to UWS if you have not applied to any other UK university and wish to only apply to UWS – visit **uws.ac.uk/international**

International students can also apply for full-time undergraduate programmes online through Universities and Colleges Admissions Service (UCAS). You should apply independently unless your school or college is registered with UCAS. You can access all the information required at **ucas.com** – however if you do not have access to the internet, you can contact UCAS at the address listed under UCAS contact details on page 61.

We have a number of overseas recruitment representatives who can provide advice, free of charge, on making your application to the University and on the process involved in obtaining a student visa. Visit our website for full details of our in-country representatives at **uws.ac.uk/international**

Applicants who are based overseas should not leave their home country in order to attend the University until they have received an unconditional offer of admission and their Confirmation of Acceptance of Studies (CAS) to allow them to apply for their visa. As the level of overseas tuition fees is substantial, prospective students should check the 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.

Visas and immigration
You need to apply for your visa in time so that it arrives before the start of your course. Once you have received and accepted your unconditional offer of admission, paid the tuition fee deposit of £3,500 for Scottish campuses (full fees if you are studying at our London Campus), and meet all UKVI requirements you will be issued with a Confirmation of Acceptance of Studies (CAS) which you use to apply for your visa. Please note that the CAS will only be issued from three months before the start date of the programme and you will only be able to apply for your visa with the CAS from that point.

The Admissions Office at UWS will issue and send your CAS to you. Please note that your CAS is unique to you, UWS and your visa application. It is important and must be kept safe and used to apply for your UK student visa. 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, please visit the UK Visas and Immigration (UKVI) site at **gov.uk/browse/visas-immigration/student-visas**

Tuition fees & scholarships
For information on tuition fees and scholarships please see page 63 or visit our website at **uws.ac.uk/international**

Direct entry
Students who meet the specified language and academic criteria may apply directly to University of the West of Scotland. As a rough guide, an IELTS comparable score of 6.0 or above[1] (minimum 5.5 in each component) provides a direct entry path to UWS. Students who do not meet this requirement may be able to undertake a pre-sessional English language course.

[1] Some programmes may have higher English language requirements – see programme entries for details.

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 standard of English. UKVI (UK VISA Immigration) also has requirements on the level of English 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.

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. The full list of approved English Language Tests can be found here: **www.gov.uk/government/publications/guidance-on-applying-for-uk-visa-approved-english-language-tests**

Any English language qualification is required 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**

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

Scottish and EU students
Applicants normally resident in Scotland or in other EU countries (excluding England, Wales and Northern Ireland) may be eligible for fee payment by the Student Awards Agency for Scotland (SAAS).

The Scottish Government has confirmed free tuition in Scotland for eligible EU students enrolling in the 2017/18 and 2018/19 academic years.

Students who have been admitted as Scottish/EU fee status students, will retain that status for the duration of their studies, and are eligible for tuition fee support from SAAS.

Application for tuition fee payment
You must apply to the Student Awards Agency for Scotland (SAAS) annually for the University to receive tuition fees. Applications can be processed by SAAS from April each year and you are advised to apply at this time. You have until 30th September to supply your award letter or you will be treated as self-financing and therefore be liable for your fees. For more details of support available to students and to apply for funding, visit **saas.gov.uk** or call 0300 555 0505.

NB: Information on fees is correct at the time of publication but may be subject to alteration and revision. Applicants can contact the University's Finance Office on tel 44 (0)141 848 3271 for advice and further information.

Student loans
Student loans are processed via the Student Loans Company Ltd, tel 0800 40 50 10 or visit **slc.co.uk** Students should apply via the Student Awards Agency for Scotland (SAAS) or their Local Education Authority.

The University's Student Services are able to help with enquiries on eligibility:

Ayr Campus
44 (0)1292 886267

Dumfries Campus
44 (0)1387 734279

Lanarkshire Campus
44 (0)1698 283100 ext 8248

Paisley Campus
44 (0)141 848 3803

NB: Students planning to study at our London Campus should contact the number listed for Paisley Campus in the first instance

Degree courses in nursing and midwifery
Health Department bursaries are available for these courses. For further information, please contact the School of Health, Nursing & Midwifery on 44 (0)141 849 4200.

Students from England, Wales, Northern Ireland, the Channel Islands and the Isle of Man
For applicants normally resident in these areas there will be a requirement to pay tuition fees: for students entering in the 2018/19 academic session this will be £9,250 per year for three years, but not more than £27,750 over four.

Tuition fees are subject to means testing by the appropriate Local Education Authority (LEA) or Library Board. It is important that students apply to the appropriate funding body to have their fees, or a portion of their fees, paid.

Applicants should contact their Local Education Authority or the free student support line on 0800 731 9133. Please note, for applicants from the Channel Islands or Isle of Man, you should contact your appropriate student awards section – **education.gg**; **gov.je/working** or **gov.im**

NB: With appropriate A-levels, or equivalent, entry at Year 2 of a related UWS degree course may be possible, enabling, in many cases, Honours degree study over 3 years.

Self-financing students
Scottish and EU students who are not eligible for funding are regarded as self-financing students. The equivalent of a standard one module deposit will be required at time of enrolment, with balance due on receipt of invoice. Alternatively, if you wish to pay by instalments, you are required to set up a recurring debit/credit card payment. Details of our current tuition fees and our online payment facility can be found at **uws.ac.uk/money**

Company sponsorship
If your fees are being fully or partly paid by an organisation or a sponsor, you must complete a sponsor authorisation form, which can be downloaded from **uws.ac.uk/money** This must be completed and returned to the Finance Office prior to your enrolment. You can also email it to **ar@uws.ac.uk**

Please note that you are responsible for your tuition fees until they are paid in full by your sponsor.

International (non-EU) students
Undergraduate fees for international (non-EU) students for 2018/19 are £10,600 per year. All lab-based programmes may be subject to an additional fee of £1,500 on top of this. The figures quoted for the University's international tuition fees include all tuition, registration and examination costs. These may be subject to change – check our website for the latest info.

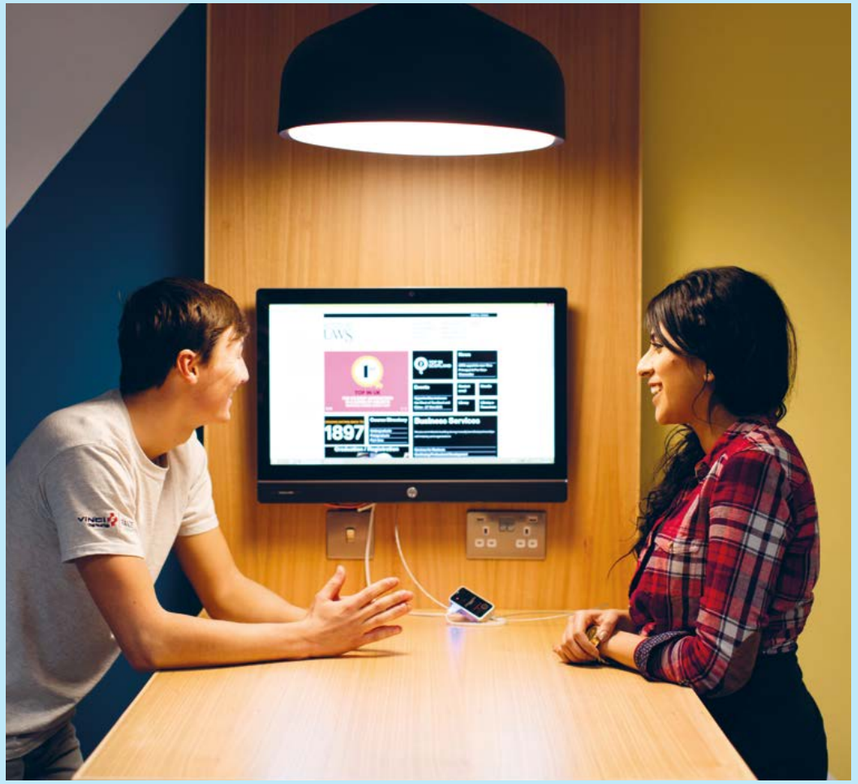
International (non-EU) tuition fee payment
International (non-EU) students entering their first year of study with UWS will be required to pay £3500 of their tuition fee (full tuition fees for London Campus) before their CAS (Confirmation of Acceptance) is issued. A CAS is required in order to gain a visa. The remaining balance of tuition fees will be eligible for a 10% early payment discount if paid seven days prior to classes commencing.

In subsequent years all international (non-EU) students are required to pay their annual tuition fee in full prior to, or on enrolment.

Further details on the fees for undergraduate and postgraduate courses and research opportunities are available from the University's Finance Office on tel 44 (0)141 848 3271 or at **uws.ac.uk/money**

International (non-EU) accommodation information
Provided applications are made by the last Monday of July 2018, all single, non-EU international students are guaranteed a place in University accommodation. Information along with an FAQ document, can be found on the UWS Accommodation webpage. Students booking a full academic contract will have the opportunity to spread the cost of their lease over a payment plan, however students staying for single trimesters will be required to pay the full fee upfront and prior to arrival.

NB: Unfortunately the University accommodation is not suitable for families. Overseas students intending to bring family to Scotland while studying should email us at **accommodation@uws.ac.uk** and we will liaise with you on the best options available.



University scholarships
The University is regularly supported by organisations who offer scholarships/bursaries to eligible students. Students are encouraged to apply to trust funds for additional funding. SAAS (Student Awards Agency for Scotland) maintain the Register of Educational Endowments which is a list of educational trusts in Scotland.

They will search their database if you complete an enquiry form. You can also use Family Actions Educational Grants Advisory Service online trust fund search which is available through the University website. Details and advice on scholarships and trust funds are available at the University's Student Services, telephone:

Ayr Campus:
44 (0)1292 886267

Dumfries Campus:
44 (0)1387 734279

Lanarkshire Campus:
44 (0)1698 894448

Paisley Campus:
44 (0)141 848 3803

or visit **uws.ac.uk/money**

NB: Students planning to study at our London Campus should contact the number listed for Paisley Campus in the first instance.

Withdrawal fee
If you change course or withdraw from your course, you must contact the Finance Office to discuss any financial implications and pro-rata charges.

Please note, this applies to all students, including those sponsored by SAAS.

Graduation registration
You will be required to pay a £40 graduation registration fee in order to graduate.

Additional costs
For some programmes there may be additional costs involved, for example, 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.

Open days & further info

Pop in and say hello
We hold open days and info sessions throughout the year – we'd love to see you there.

Our open days are a useful opportunity to talk to us and find out more about what it's like to become part of the UWS community.

Come along and chat with our student ambassadors, who can give you their perspective on what it's like to study with us.

You can also visit our accommodation; take a campus tour; talk with our lecturers; and view the campus facilities. If you can't make it along to one of the dates opposite, contact us and we can arrange an individual visit for you.

For details of our info sessions throughout the year, visit our website, **uws.ac.uk/opendays**

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**

OPEN DAYS 2017

AYR CAMPUS
Saturday 30th September 2017
11am-1pm
Wednesday 4th October 2017
4-7pm

DUMFRIES CAMPUS
Wednesday 6th September 2017
4-7pm
Saturday 4th November 2017
11am-1pm

LANARKSHIRE CAMPUS
Wednesday 20th September 2017
4-7pm
Saturday 28th October 2017
11am-1pm

LONDON CAMPUS
We host a number of open days throughout the year – visit **uws.ac.uk/london** for details.

PAISLEY CAMPUS
Wednesday 27th September 2017
4-7pm
Saturday 7th October 2017,
11am-1pm

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**

Read UWS Physics graduate Graeme Docherty-Walthew's story – Light work, p27.

University of the West of Scotland is a registered Scottish charity.

Charity number SC002520.

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+44 (0)141 848 3000

LANARKSHIRE CAMPUS
Almada Street
Hamilton
ML3 0JB
Scotland, UK
+44 (0)1698 283 100

NEW LANARKSHIRE CAMPUS
(Opening September 2018)
Hamilton Int. Technology Park
Stephenson Place
Hamilton
G72 0LH
Scotland, UK

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

LONDON CAMPUS
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England, UK
+44 (0)141 848 3047

APPLICANT ENQUIRY TEAM
0800 027 1000
Outwith UK: +44 (0)141 849 4101
email: ask@uws.ac.uk