

Imaginative, independent thinking

UNIVERSITY OF THE  
WEST of SCOTLAND

UWS



# LIVE IT LEARN IT

*Work-ready graduates*

Our Undergraduate Prospectus 2017/18

[uws.ac.uk](http://uws.ac.uk) / UCAS Institution Code U40



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*We take a unique approach to ensuring our graduates are ready to meet the demands of their chosen profession.*

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You arrive a student, you leave  
a work-ready graduate. How?

Intelligent teaching, career-focused  
from day one. Research-led courses,  
taught by experts. Innovative  
learning, where the real-world  
takes centre stage in the classroom.

That's how you learn it.

Then you live it. Relevant placements  
with the people you want to work  
with. Research projects that can  
change lives. Solving problems  
your sector faces – and creating  
a professional network as you go.

LIVE IT  
LEARN IT







# Making our mark

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



**OF UWS GRADUATES ARE IN WORK OR FURTHER STUDY 6 MONTHS AFTER GRADUATING<sup>1</sup>**

<sup>1</sup>HESA performance indicator 2014/15

<sup>2</sup>National Survey of Student Engagement 2015



**MOST**   
IMPROVED UK UNIVERSITY  
**THE STUDENT EXPERIENCE**  
SURVEY 2015-16 TOP 100

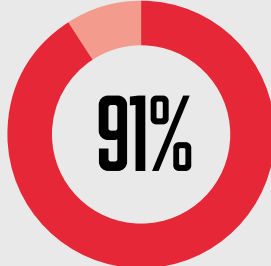
**TOP 10** IN THE UK FOR OUR  
EDUCATION PROGRAMME  
 **THE COMPLETE UNIVERSITY GUIDE**  
INDEPENDENT • TRUSTED

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

**TOP IN THE UK**   
**100%**  
STUDENT SATISFACTION FOR  
CIVIL ENGINEERING, EDUCATION,  
COMPUTER-AIDED DESIGN,  
INTEGRATED HEALTH & SOCIAL CARE  
AND CHILDHOOD STUDIES

OUR CIVIL ENGINEERING PROGRAMME  
**WAS RANKED 5<sup>TH</sup>**  
IN THE UK IN THE GUARDIAN  
UNIVERSITY GUIDE 2017

WINNER OF THE NATIONAL UNION OF STUDENTS  
Gold  
NUS Green Impact  
Students' Unions **GREEN IMPACT**  
**GOLD AWARD**  
**2014-15** 

 **91%** OF UWS  
STUDENTS  
WOULD  
RECOMMEND US TO A FRIEND<sup>2</sup>

  
**AWARDED HIGHEST**  
**RATING** POSSIBLE FOR QUALITY  
AND STANDARDS  
IN THE 2014 ENHANCEMENT-LED INSTITUTIONAL REVIEW

**INTERNATIONALLY-EXCELLENT**  
**AND WORLD-LEADING**  
**RESEARCH**  **REF2014**  
Research Excellence Framework  
(RESEARCH EXCELLENCE FRAMEWORK 2014) 

 **12<sup>TH</sup>** **MILLION+**  
GROUP UK UNIVERSITIES 





# At a glance

**CAMPUSES IN**  
**AYR<sup>1</sup>**  
**DUMFRIES**  
**LANARKSHIRE**  
**PAISLEY**

**5** **CAMPUSES**

**A NEW** NEW  
**CAMPUS IN**  
**LONDON**

<sup>1</sup>Green Gown award 2012; runner-up in the facilities category of the Guardian's University awards 2013; and winner of SCONUL (Society of College, National and University Libraries) Design Award 2013 for Best Library (under 200sqm)

**6 SCHOOLS**  
**1 UNIVERSITY**



## STUDY ABROAD OPPORTUNITIES



**15,819**  
**STUDENTS**  
 ACROSS ALL CAMPUSES



**PRACTICAL**  
**EXPERIENCE**  
**OPTIONS**

**EXCELLENT**  
**TRAVEL LINKS**  
**FROM ACROSS**  
**THE UK AND FURTHER**  
**AFIELD**



**PROFESSIONALLY**  
**RECOGNISED**  
**PROGRAMMES**



**ORIGINS**  
 DATING BACK TO  
**1897**



**60+**  
**UNDERGRADUATE**  
**COURSES**



# Work-ready graduates

## The big picture

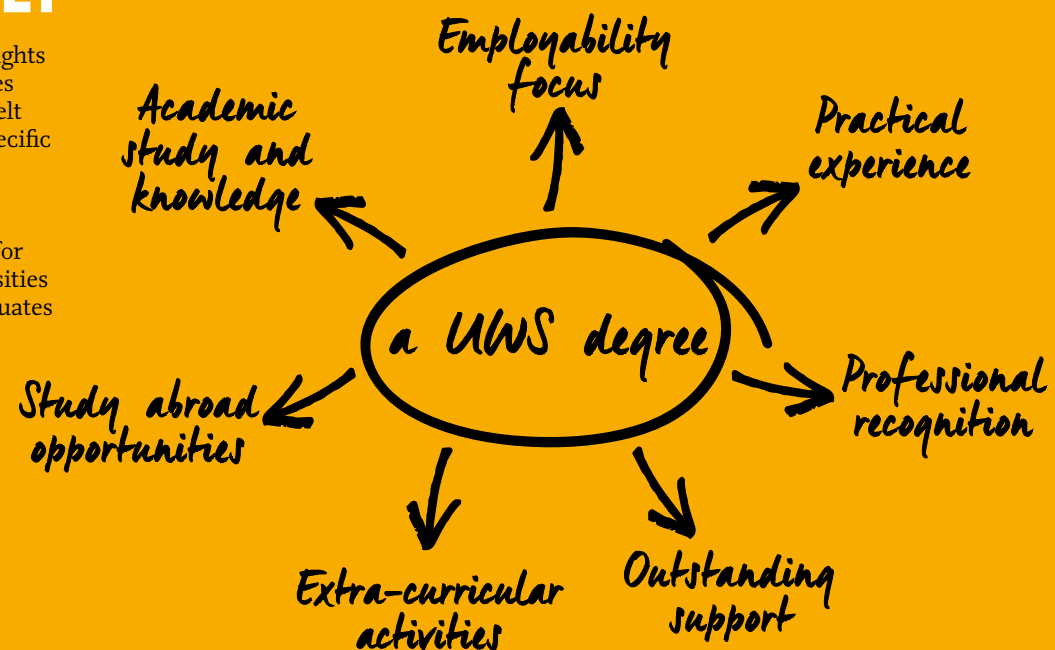
**2022 PROJECTING AHEAD**  
THERE WILL BE A GRADUATE  
**UNDERSUPPLY**

Research by Universities UK<sup>1</sup> highlights a projected undersupply of graduates by 2022 and noted that employers felt most graduates lack a mix of job-specific skills, general employability related skills and real work experience.

The report also discussed the need for greater interaction between universities and employers about the skills graduates need. Here's our solution...

## Get more than a degree

We take a unique approach to ensuring our graduates are ready to meet the demands of their chosen profession. We invest in people's potential to shape their future.



Over one third of jobs for new graduates are snapped up by those who have already had work experience with that employer.<sup>2</sup>

## Practical experience

It's no surprise that over one third of jobs for new graduates are snapped up by those who have already had work experience with that employer.<sup>2</sup> We work with a range of placement employers, including private business and industry, the public sector, retail, media, sports and health organisations, the third sector, schools and hospitals and healthcare providers.

Placements can be undertaken at home or abroad and our students have travelled to China and Russia on work experience. Placements give you the chance to get invaluable experience for your CV, a taste of the career you've chosen and essential feedback from your placement employer. Many of our students have graduated and have found permanent employment with their placement employer.

## Practical experience advantages

- boosts confidence
- advances commercial awareness and business acumen
- shapes people skills such as communication, problem-solving, team work and self-management
- improves knowledge about your skills, strengths and abilities
- offers opportunities to network and build industry contacts
- turns your theoretical knowledge into practical experience

## Programmes designed with industry input

We ask leaders from business, industry and the professions to help design our programmes to ensure you have the right skills and knowledge to be able to make an immediate impact in the workplace. We listen to employers when they tell us what type of graduates they want and shape our programmes around their needs.



## Alumni profile

**Martin Steele**



## Programme

Business Management

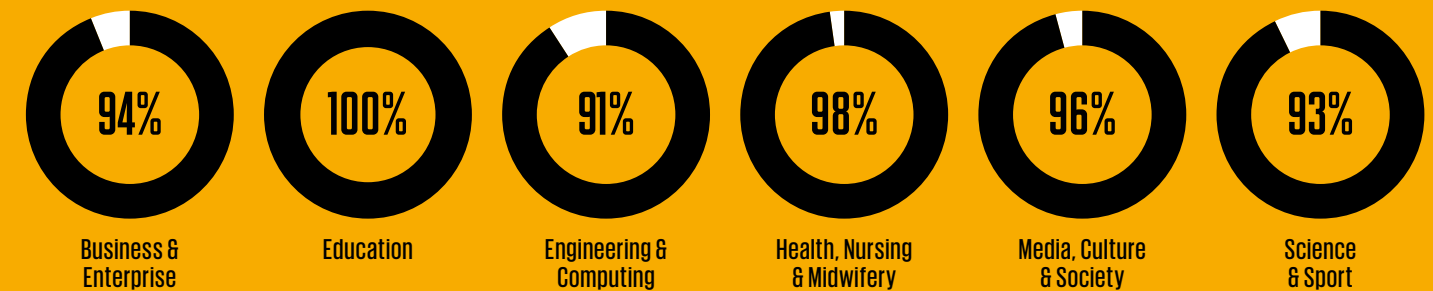
## Current position

Brand Controller, Irn-Bru

UWS graduate Martin Steele landed his dream job thanks to a message in a bottle. After uni, he was hired into the marketing team of a major bank. That was until he saw a job ad for a brand assistant, from AG Barr, with the tagline: "Silly old bankers need not apply." Inspired, Martin bought a bottle of the fizzy stuff, emptied it, put a copy of his CV and a letter inside, then mailed his unlikely job application to the firm. And it worked!

Now promoted, Martin was responsible for all the Irn-Bru activities during the Commonwealth Games. These ranged from a highly successful TV campaign to the popular Bru Store in Glasgow city centre.

## UWS students in work/further study six months after graduating (by UWS School)<sup>3</sup>



<sup>2</sup>Figure based on a report from independent market research company High Fliers.

<sup>3</sup>HESA performance indicator 2014/15.

71%  
OF OUR  
PROGRAMMES  
INCORPORATE  
A PLACEMENT/  
WORK-BASED/  
WORK-RELATED  
LEARNING  
ELEMENT



Guest lectures

We regularly invite experts from industry and the professions to talk to our students about their experiences – giving you a unique insight into your chosen profession, through lectures, workshops and project work.

Professional recognition

A range of our programmes are recognised by professional bodies – giving you a competitive advantage which helps enhance your job prospects. For example, our media and culture courses have some of the UK’s highest levels of accreditation from Creative Skillset, and other professional bodies such as the Broadcast Journalism Training Council, Drama UK and JAMES. And our BA (Hons) Human Resource Management is the only undergraduate course in Scotland with CIPD approval.

Careers and Employability Service

Support is available from our careers and employability specialists throughout your time at UWS to make sure you’re in great shape for your first steps after university.

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

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

More details  
[uws.ac.uk/advisoryservices](https://uws.ac.uk/advisoryservices)



Alumni profile

Fatima Jamshed

Programme  
Accounting

Current position  
Fund Accountant, BNP Paribas

Former UWS student ambassador Fatima Jamshed is busy building her professional career with global finance giant BNP Paribas. Fatima, who studied accountancy at UWS, is now working as a Fund Accountant, helping to manage stocks and shares for a variety of private and corporate clients, including major pension and investment funds.

She says: “When I started my programme, I didn’t even know that Fund Accountants existed. Thankfully, due to the variety of guest speakers and lecturers who came to campus, my eyes were opened to the range of jobs which my accountancy qualification could lead to.”

As well as her fund role, Fatima is now gaining critical business experience in project management skills. Now, with the backing of her new employer, Fatima is looking forward to progressing through her professional exams to build a career in fund accountancy. She says: “My qualification could have led to any number of specialisms – consultancy, tax accountancy, etc.”

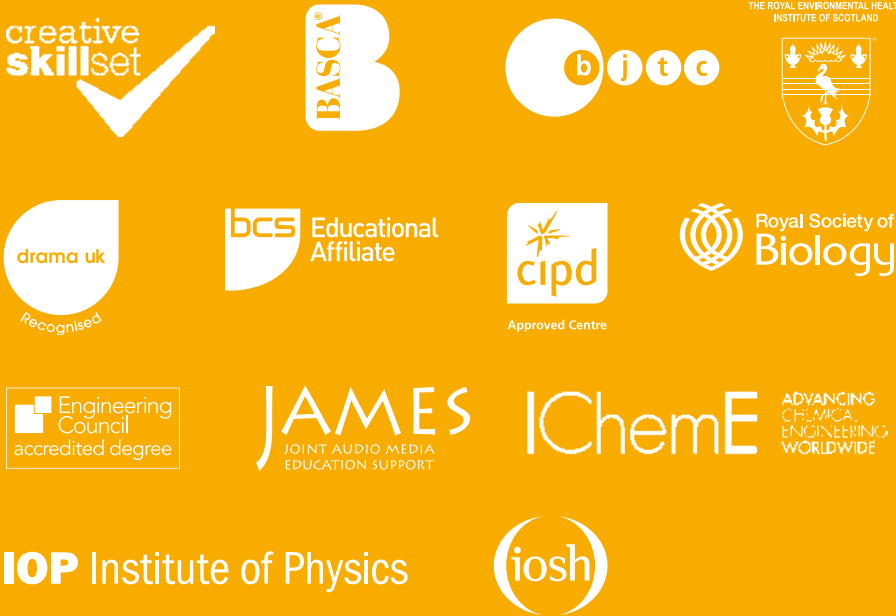
The UWS Accounting course covers the full range of subjects, from financial and management accounting to financial management, taxation, auditing and related areas to ensure that you acquire the necessary specialist and transferable skills essential to a career in finance and accountancy.

LEARN IT

Accounting

p.42

Here’s a selection of some of our programme accreditations





# EXCHANGE OPPORTUNITIES



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

Engage in module options and extra-curricular activities designed to help you develop as a global citizen; study a language as part of your course; and take advantage of our study abroad options.

These allow you to study for 2-12 months from a choice of 120 university partners across Europe, giving you the chance to broaden your horizons and live and study in another country. There are also shorter term opportunities for students to experience life in another country: groups of students have recently spent time in China and France as part of this initiative.

## Study or work abroad

The EU Erasmus+ programme offers you the opportunity to study or work with institutional partners in 32 countries across Europe as part of your UWS degree. These funded 2-12 month opportunities are a great way to broaden your horizons, live and study in another country, and improve your career prospects. Don't worry if you can't speak another language

Our degrees will give you a global outlook, preparing you for the best international opportunities available.

– many of our European partners teach in English and there are also opportunities for language training as part of your mobility. Within the Erasmus+ programme, there are also great funded opportunities to work elsewhere in Europe for a period of 2-12 months.

We also offer you the opportunity to study with partners elsewhere in the world, such as the USA, as part of your student experience.

## Language options

You can choose to study French, German or Spanish as an option on most of our programmes, elevating your career prospects by adding language skills to your CV. Learning a language gives you a valuable cultural insight and an international perspective. You'll be encouraged to embrace all the international experiences available, positioning you well to compete with your European counterparts.

Our language classes focus on practical language skills that you'll use in social, academic and business contexts, and many classes are taught by native speakers. For total language immersion, classes are conducted in the instructed language as much as possible and are interactive.

# Preparing you for the world

AN INTERNATIONAL UNIVERSITY



2,135 INTERNATIONAL (EU & NON-EU) STUDENTS

Work-ready graduates

## Feature

### Early learning in Milan and Madrid

Placements are a crucial part of the syllabus for many programmes at UWS: they give you a taste of a real work environment, and a chance to put new skills to the test. And while many Childhood Studies students take placements in early years learning centres around Scotland, a new initiative has opened up opportunities in Milan and Madrid.

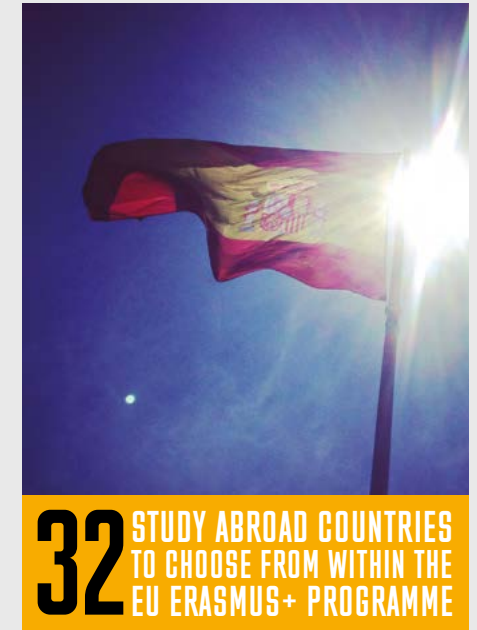
Dorothy Johnson, a Senior Lecturer in Education at UWS, organises the three-week placements for students. It began a couple of years ago, when a student went to Italy to work for a year in a nursery there. When she moved on, the nursery got in touch with UWS to find more work-ready students.

## An international curriculum

The placements give students three weeks at a nursery in Madrid or Milan. "Our students do the same things they would in Scotland, but they gain experience of a different education system, and a different culture," says Dorothy. "And instead of being in Ayr or Hamilton, they're in Madrid and Milan. 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."



Childhood Studies students Judith Park and Eden Daly



32 STUDY ABROAD COUNTRIES TO CHOOSE FROM WITHIN THE EU ERASMUS+ PROGRAMME

The placements in Spain and Italy give students a chance to compare the approaches to education in different countries. "It helps our students to grow and develop," says Dorothy, "it makes them flexible: they can see things from different perspectives."

## A chance to see things differently

Student feedback has been overwhelmingly positive. Judith Park, a 3rd year Childhood Studies student, has just returned from a placement in Spain. "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," she says.

At the moment, the placements are part-funded by the School of Education, with students paying for air fares and contributing towards accommodation costs. Dorothy hopes it will become part of the Erasmus exchange in the future. She'd like to expand it too: she already has a contact in Germany looking for students.

## Expanding opportunities

And what about life for the students, beyond the placement? Having the experience of working abroad gives them the confidence to pursue opportunities across Europe and the rest of the world. Many graduates take up jobs that are advertised online by UWS, and some even go as far as Doha and Dubai.

And whether UWS graduates are applying for roles in Scotland or elsewhere, demonstrating that little bit of extra experience could be the eye-catching detail that secures them the job.

LEARN IT

Childhood Studies  
100% student satisfaction (top in the UK)  
National Student Survey 2015

p.52



# Learn it 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

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

## REF 2014 highlights



**FOR ELECTRICAL AND ELECTRONIC ENGINEERING, METALURGY AND MATERIALS**



**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**



**OF THE ALLIED HEALTH PROFESSIONS, DENTISTRY, NURSING AND PHARMACY RESEARCH ENVIRONMENT JUDGED AS WORLD-CLASS/INTERNATIONALLY EXCELLENT**

## Feature

### A masterclass in Creative Media



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

#### Creative Wednesdays

The CMA offers weekly screenings, masterclasses and professional practice sessions designed to inspire students and prepare them for the world of work. Recent guest speakers have included Oscar and BAFTA winning figures such as 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 knowledge and contacts necessary to fulfil their ambitions.

Read more on page 85

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

CREATIVE SKILLSET 2014

## Placement employers



# ALUMNI PROFILES

“I have worked on construction projects across a range of sectors, up to £40 million in value.”



**AECOM**

## Shujaat Khan

**Programme**  
Civil Engineering

**Current position**  
Project Manager, AECOM

UWS Civil Engineering graduate Shujaat Khan is, quite literally, helping to shape the world around us. Shujaat says: “UWS gave me more opportunities than any other institution that I have been with has. I went to Russia in my first year, China in my second year and I also undertook a placement with Brookfield Multiplex. To have all of that experience within the span of two years made me stand out.” Currently employed as a Graduate Project Manager with global engineering giant AECOM,

he has already worked on some of the biggest public and private sector developments in Scotland.

“I have worked on construction projects across a range of sectors – healthcare, education, commercial, telecommunications, finance and aviation - up to £40 million in value. Clients have included various blue-chip private companies and public sector organisations, including the NHS, City of Edinburgh Council (CEC), Vodafone and Morgan Stanley Bank.” Shujaat, who during his time at UWS was part of the team that won the West of Scotland ICE Student Model Making Competition, has now up scaled his ambitions to help deliver full-size buildings. He adds: “I am currently working on delivering eight large extensions to a number of schools in Edinburgh, in collaboration with CEC and Hub. I’m also working with NHS Ayrshire and Arran on

delivering backlog and maintenance projects at various hospitals across Ayrshire.

“In all these projects I have been assisting the project management team to deliver within time, cost and quality constraints. At the same time, I have been working on my own professional development in order to gain chartered project management status with the Royal Institution of Chartered Surveyors (RICS). Through the help of AECOM’s Graduate Development Programme, I am currently on track to achieve chartered status by May 2017.”

LEARN IT

**Civil Engineering**  
Ranked 5<sup>th</sup> in the UK in the  
Guardian University Guide 2017

p.63

“I was fortunate enough to get a job with the British Red Cross, where I am the service co-ordinator for the independent living programme.”

ANGELLA CHIMHAU

**India Gray**

**NHS**  
SCOTLAND

**Programme**  
Applied Bioscience

**Current position**  
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 programme 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.”

LEARN IT

**Applied Bioscience**

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## Angella Chimhau

**Programme**  
Integrated Health and Social Care

**Current position**  
Service Co-ordinator, British Red Cross

Integrated Health and Social Care graduate Angella Chimhau is helping to put care at the heart of her community. Angella says: “After completing my degree, in 2014, I was fortunate enough to get a job with the British Red Cross.

“Now based in Stirling, I am the Service Co-ordinator for their Independent Living

Programmes throughout the Fife, Forth Valley and Tayside NHS areas.” Angella, who works with a range of health staff, Red Cross volunteers and patients, adds: “My main role is to assist the service manager in developing independent living programmes, relating delivery to integrated care in the home, as well as making sure that all appropriate standards and good practice are incorporated into a quality programme that meets the needs of our clients.”

LEARN IT

**Integrated Health and Social Care**  
100% student satisfaction (top in the UK)  
National Student Survey 2015

p.79





# GET BEHIND



# THE ACTION

In business as in sport, teamwork is key to success. Nothing proves that more than the ongoing success of **UWS's** partnership with St Mirren FC.

## ST MIRREN TV

The TV channel, a joint enterprise between the University and the Paisley Championship team, pulls in the 'best players' from across the University's schools to provide broadcast quality TV and radio coverage of all the clubs games. And, just like a football squad, it takes a big behind the scenes team to turn in a professional and pitch-perfect performance.

Launched in 2015, St Mirren TV provides live TV and radio match coverage for fans living outwith the UK, giving the student team high-quality professional training in every aspect of media production. From the Journalism and Sports Journalism students, who help film and present match coverage, to the Broadcast Production and Film-Making and Screen Writing students, who help stream the coverage and create eye-catching on-screen graphics, through to the sports students, who get first-hand experience of coaching and injury rehabilitation.

Events Management students even get in on the act, enjoying behind the scenes tours to learn how club staff ensure the safe running of the stadium, manage crowd control and run the hospitality and catering side of the operation.

The tie-up gives students a chance to interact with broadcasting staff from BBC Scotland, STV, SKY and commercial radio stations, allowing them to build career-enhancing links with industry professionals.

Senior Journalism lecturer Elizabeth

McLaughlin says: "This partnership gives students invaluable experience of working on a live, professional standard product.

"They are able to try their hand at all aspects of running the stations, from providing commentary and writing scripts to filming and directing the action."

Students have already benefited from tutoring and mentoring from BBC sports journalist Annie McGuire, who is also a lecturer on the journalism programmes, and legendary Scottish football commentator David Begg.

It's not only on match days that the students are kept busy, they also help produce radio and TV content covering a variety of stories and issues relevant to the wider Paisley community.

## SCHOOL OF SCIENCE AND SPORT

The University and the club have long enjoyed close links. Dr Chris Easton, a senior lecturer in the School of Science and Sport, says: "We have fostered an excellent collaboration with the St Mirren Youth Academy over the last year. Three of our final year students have spent the last 10 months on a research placement with the club, focussing on optimising the use of a Global Positioning System (GPS) with the under 20s team.

"The students have also supported the provision of sports science at the club via the monitoring of GPS and heart rate data during training."

## What the club says

At the time of the official launch of the partnership in 2014 the club said: "We are really looking forward to working in partnership with University of the West of Scotland to both of our organisations' mutual benefits.

"We see great opportunities for the students with such a wide range of programmes on offer at the University and giving them the opportunity to get first-hand experience to enhance their degrees by being involved with a professional football club which also has a huge community ethos."

## Get involved

Just as in any team, there is hot competition to win a place in the St Mirren TV production squad. With the team having secured their place in next season's Championship League, Journalism lecturer Elizabeth McLaughlin is already scouting out fresh UWS student talent to sign-up to the St Mirren TV production team.

## LEARN IT

**BA (Hons) Journalism/Journalism (Sport)**  
p.93

**BA (Hons) Broadcast Production: TV & Radio**  
p.90

**BA (Hons) Filmmaking and Screen Writing**  
p.92

**BSc (Hons) Sport and Exercise Science**  
p.108

**BSc (Hons) Sport Coaching**  
p.109

# THIN FILMS



*Stuart Reid* and his team at UWS were recently part of one of the biggest scientific discoveries of all time – confirming Einstein’s prediction of gravitational waves. The team are now helping to take the international field to the next level – and it’s all to do with extremely thin films.

“I came to UWS because it is the only place in the world with the facilities for researching a wide variety of advanced thin film coating technologies,” says Stuart Reid, Professor of Experimental Physics and Royal Society Industry fellow at the Institute of Thin Films, Sensors and Imaging. He has worked on various aspects of the hardware required for the detection of gravitational waves – the experiments that confirmed a major prediction of Albert Einstein’s 1915 general theory of relativity.

UWS is now an equal partner of the LIGO (Laser Interferometer Gravitational-Wave Observatory) Scientific Collaboration, and Stuart is leading key aspects of the research that will likely upgrade the instruments for the next round of experiments.

Before we go too deep into the world of thin films, sensors and imaging at UWS, let’s rewind for a moment.

In February 2016 scientists confirmed that they had detected ripples in the fabric of space-time, which are called gravitational waves. The first waves were observed from the final fraction of a second when two black holes collided, 1.3 billion light years away. This has opened up an entirely new window on the Universe, allowing mankind to observe some of the most exotic and elusive phenomena, such as black holes.

So where do thin films come into all of this? “We use laser

## Insight

### *UWS: a unique place for physics*

“I moved here on a research basis, because of the unique facilities at UWS,” says Stuart. “For undergraduate students, there’s a unique connection between UWS and high-end physics industries in the UK. The University has a long track record of sending people into high level jobs in these industries – as well as to places such as the European Space Agency, Apple, and research-led companies in Scotland.

“UWS is also unique in its flexibility. Class sizes are small, and you have plenty of access to lecturers,” adds Stuart.

“Also, there aren’t the barriers between subjects that might exist elsewhere – between physics, biology and computing, for instance. And there are fewer barriers into the workplace, and other fields – UWS is an open place that gives you so many opportunities.”

interferometers to detect gravitational waves,” explains Stuart.

“Essentially, we use the wavelength of light to be our “metre stick” to measure the relative distances between two pairs of mirrors. There are many challenges in doing this, one being that the surfaces of the mirrors are always moving due to their temperature – since temperature is the microscopic motion of the atoms and molecules. That interferes with measuring gravitational waves, so we need to fine-tune everything to the tiniest detail.”

These mirrors are somewhat more advanced than the metal-coated glass mirror in your bathroom. They’re based on the fact that thin layers can be very efficient at reflecting light. “Think about a layer of oil on water – and all the colours of the rainbow you’ll see”, says Stuart. “We use multiple thin layers, each one finely tuned, to reflect one colour or wavelength of light very strongly – making our mirrors better than 99.9% reflective – albeit just at one colour.

“In 2012 UWS joined the LIGO project. Our role is to develop the laser mirror technology to enable upgrades to the current experiments – and extend the astrophysical reach of our gravitational wave observatories.” Staff and students at UWS who were involved in this recent discovery have been awarded a share of the prestigious Milner Breakthrough Prize in Fundamental Physics, and the Gruber Foundation Cosmology Prize.





“In fact, I’ve just had a text from a former student who’s now building lasers in a factory in Glasgow.”

#### Making waves in partnership with industry

None of this happens in isolation. “It’s university-based, in collaboration with industry,” says Stuart. UWS is working alongside Gas Sensing Solutions Ltd (GSS), a Glasgow-based company co-founded in 2006 by UWS Professor Des Gibson and a recent winner of an Institute of Physics Innovation Award – that makes world-leading ultra-low power consumption CO2 sensors for a very wide range of applications including industrial safety, buildings and medical.

UWS and GSS are working together to develop novel crystalline coating materials that could provide yet further improvements in the performance of the laser mirrors in future gravitational wave observatories. This work also involves technology transfer from Stanford University, and collaboration with the University of Glasgow.

It’s just one example of the connections with industry at UWS – and these links help provide essential experience for undergraduate students. “We’re really preparing people to work in industry – everything we do prepares them for it,” says Stuart.

[Read more](#)  
[uws.ac.uk](https://www.uws.ac.uk)



The optics industry is thriving in Scotland. Physics graduates from UWS often go into careers within the various high-tech optics companies based here, with applications ranging from retinal imaging to laser range-finders. “There’s a whole array of different companies that need our expertise,” says Stuart.

There are plenty of commercial applications for the thin film technology being developed at UWS. Thin films are used in almost every aspect of technology around us, including in the display and on the lens of your smartphone.

There are many novel projects underway within the Institute of Thin Films, Sensors and Imaging. Institute Director, Professor Des Gibson, who himself spent 30 years leading commercial companies before returning to academia, says, “We have an array of exciting, world-leading research programs underway, including developing plasma technology which is being used to manufacture the mirrors in the \$5 billion US laser fusion program, commercialising portable infrared spectrometers for environmental monitoring and surveillance, ultra-durable coatings for the oil and gas industry, novel dental imaging technology, and ‘nanokicking’ for controlling stem cell differentiation in regenerative medicine.”



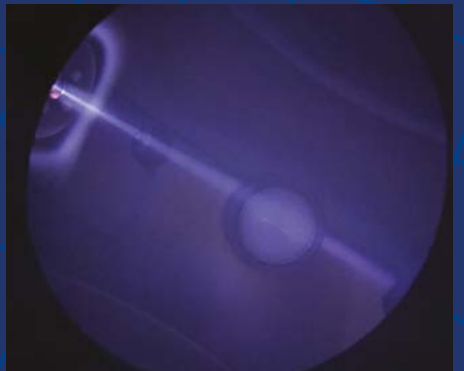
#### Unique at UWS

The only place in the world with the equipment to develop this technology

LEARN IT

BSc (Hons) Physics

p.68



#### Insight

### Mind-bending physics

**Gravitational waves are ripples in space-time, produced from violent events in the Universe, such as black holes colliding.**

#### Why thin films?

Thin films can be good at reflecting light – and can be used in multiple layers to make exceptionally reflective mirrors. Or conversely, to make precise filters that block unwanted light from passing through.

#### Where are they used?

**Lens on a smartphone:** The lens on your smartphone may look slightly blue/red, because it is designed to reflect ultraviolet/infrared light, so the camera only sees the range of light that our eyes naturally see.

**Sensors for monitoring respiratory conditions in hospitals:** CO2 can be measured by the way it absorbs infrared light – and using thin film optical filters can improve the ability to measure CO2 alone and not be sensitive to other gas molecules.

**Nanokicking:** A breakthrough technique to simply grow bone tissue in the lab from a patient’s own stem cells, without the requirement for potentially dangerous induction factors (drugs) or expensive engineering solutions.



All you can hear is  
white noise.

All you can see are  
dark shapes.

Your hands don't  
work as they should –  
your feet are painful  
and clumsy.

---

This is what it's like  
to have dementia –  
and this is what you'll  
experience at the  
Domus room at UWS.

**THE FUTURE OF  
DEMENTIA CARE**

# 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 help people in an extremely difficult stage of life.

At UWS, we use a care empathy approach to help our student nurses provide care for the person with dementia with compassion and confidence.

“Experience-based learning is so important for our students,” explains Debbie Tolson, Alzheimer Scotland Professor of Dementia at UWS. “It means that they’ve had the experience of not being able to hear or move well, in the safety of our experimental laboratory. It gives them a chance to develop an emotional closeness to patients with dementia – it helps students to see situations differently, and gives them the tools to notice when things might not be quite right.”

Experiences like this help you to see how difficult a situation is for someone with dementia – and gives you the skills and ideas to make it easier. It’s just one project that Debbie has set up at UWS to inspire her students to give the best, most dignified care for older people.

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 help people in an extremely difficult stage of life. 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.

As part of one project, Dementia Palliare, UWS produced the European



UWS students in the Domus room



LEARN IT

BA (Hons) Integrated Health and Social Care with Administration	p.79
BSc Mental Health Nursing	p.78
BSc Adult Nursing	p.78

Karen Watchman, Senior Lecturer in Dementia and Debbie Tolson, Alzheimer Scotland Professor of Dementia at UWS

best practice guide. “We’re rewriting how people think about and describe and respond to advanced dementia,” says Debbie. “Undergraduates join the discussion in this online community across Europe. There are weekly seminars where they come and get a taste of how we’re leading and shaping education. It’s about creating a positive approach to evidence-informed techniques to help people with dementia experience the best life possible.”

## Using music

One undergraduate project has been surprisingly 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. And the music students help our nurses to turn that story into a song. Together they develop the song, and five of them will be released over the course of Dementia Awareness Week.

“For the students, it’s been a fantastic opportunity to teach their subjects to one another. And throughout the project, they’ve 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,” says Debbie.

All of these projects are designed to inspire your curiosity – to look for the opportunities for innovation and creativity. “We reveal to students over the course of their training the complexity of healthcare,” says Debbie. “We’re preparing them for a world of integrated healthcare practice, to offer really focused, specialist care. We encourage them to be reflective in their practice, to look for new ways to do things.”

And what about the future of healthcare? Caring for older people will be an essential part of any nurse’s job, says Debbie. “Look at the population ageing: there’s not going to be a choice. There are already 90,000 people in the UK with dementia. If you want a career working in health or integrated practice, there is going to be an increasing call on that practice to support an ageing population. And as we get better at diagnosing types of dementia, there will be a greater need for the skill base and competencies in the programmes that we offer.”

## RECOGNITION FOR DEMENTIA CARE

Many of these projects have won or been shortlisted for awards. UWS was shortlisted for a Times Higher Education Award 2015 in the ‘Outstanding contribution to the local community’ category. The two projects that drew the panel’s attention, ‘Dementia: Through the eyes of a child’ and the Dementia Champions Project, have had real impact in their communities. And Debbie was shortlisted for the Scotswoman of the Year Award in 2015, for all her work on dementia.

## OVERVIEW

## DEMENTIA

### AN AGEING UK POPULATION

Brings an increasing demand for nurses with speciality in elderly care



### DEMENTIA IN THE UK

90,000

people diagnosed with dementia in the UK

### UWS LEADING THE WAY

WE PUBLISHED THE EUROPEAN BEST PRACTICE GUIDE FOR DEMENTIA CARE



### ONE-YEAR JOB GUARANTEE

The majority of UWS nurses and midwives move into full-time roles – but if required all are guaranteed at least one year of employment from graduation.

### AWARDS

Dementia: through the eyes of a child was shortlisted in the Teaching Innovation category at the Student Nursing Times Awards 2014.







# FROM THE GROUND

With high levels of contamination in soil across China, local governments have enlisted UWS to help with environmental protection.

## OVERVIEW

### GLOBAL ISSUES, WEST OF SCOTLAND SOLUTIONS



# UP

Everyone's seen the pictures: the smog-filled skylines of rapidly growing Chinese cities. But while air pollution in China is well-documented, the contamination of the country's soil is less obvious.

In 2014 a report by the Chinese Environmental Protection Ministry revealed that over 16% of China's soil and over 19% of its arable land was contaminated by metallic elements. Cleaning up is now top of the agenda for many local governments in China – and they've looked to UWS for help.

### Growing pains

"Ultimately, the problem in China is rapid development, with very little regulation of environmental impacts," says Andrew Hursthouse, Professor of Environmental Geochemistry at UWS. "As a result the air quality has been severely degraded. They're finding that the soils across a vast area are contaminated – with pollutants making their way into the food chain and causing problems for the production of things like rice."

Scotland and the UK/Europe has had to face environmental pollution problems in the past. From dealing with the fallout of the Industrial Revolution through to cleaning post-industrial sites in Glasgow, there are environmental experts who can offer their expertise to China.

Professor Hursthouse is a case in point, having been awarded a long-term visiting Fellowship in China at the Hunan University of Science & Technology.

"There's a huge push on environmental improvement in China at the moment, and lots of companies have been set up

to deal with it. Now they're looking for expertise from the West to help them solve these problems," says Andrew.

### Cleaning up

So what does he plan to do? "We'll set up a research programme to look at ways of cleaning the soil, protecting the food chain and improving quality of life," he says. It's part of a much broader programme in China to help improve research, education, and the environment and develop relevant research and education programmes. "European experience can be really beneficial."

### Opportunities for Chemistry and Chemical Engineering undergraduates

Projects like the one in China contribute to the focus at UWS. For students of Chemistry and Chemical Engineering, learning about these projects gives them the solid grounding they need to head straight into careers in the industry.

Students have a chance to gain valuable experience of the challenges they will face in their careers. From negotiating legislative pressures to working out the complex environmental science needed to deal with contamination, students learn a lot from these projects.

There are long-term plans to develop a working partnership with institutions in China. "It gives students a different perspective. In the long term, we're looking at a partnership with universities in China to also develop masters and PhD provision, as well as an exchange programme for staff and students," says Andrew.

### Good news for environmental consultancy

UWS has strong connections with the environmental consultancy sector in Scotland. Students might work on placements in the west of Scotland that are directly relevant to sites across the world. For instance, UWS assessed contaminated land in Glasgow, around some of the old industrial sites, and other parts of the west of Scotland. Lessons learnt on those sites can be directly transferred to China – on a much bigger scale.

The sector is improving too. A big problem with land contamination in the past has been the link to the exploitation of natural resources. In many countries, natural resources are national issues, and the work can be politically sensitive.

"There are many companies being set up in China to address these problems," says Andrew, "And expertise from experiences in Europe can be very useful. How we respond to those opportunities will determine where the sector goes in the next ten years."

For the many students who leave UWS to pursue careers in consultancy firms such as Mott Macdonald, RPS and Jacobs, they may find themselves putting their experience from university to the test – in China.



<b>BEng (Hons) Chemical Engineering</b>	p.63
<b>BSc (Hons) Chemistry</b>	p.106



# Good Work

Joining forces with Oxfam gives UWS students access to real opportunities to gain experience helping local communities to thrive.

LIVE IT

Students have worked with Oxfam's community partners on everything from radio shows to business plans and social media strategies.

LEARN IT

BA (Hons) Society, Politics and Policy p.95

Insight

## The UWS-Oxfam Partnership

Amongst other things is creating new, impactful knowledge on:

- integration of refugees
- austerity and health
- the economic contributions of co-operatives
- the vital work of community organisations

How would you like to contribute to research backed by one of the world's biggest charities? What about the opportunity to help tackle poverty in the west of Scotland?

The Partnership between UWS and Oxfam gives students just that. Uniting the international profile of Oxfam with the expertise of UWS, it helps give students the experience needed for graduate careers.

The Partnership has three strands, explains Chik Collins, Professor of Applied Social Science. First, collaborative research and knowledge exchange. "The Partnership brings together UWS academics, Oxfam and community organisations – which gives us a chance to look at the things that matter to local communities," says Chik.

"The second strand is the Policy Forum, which picks up the research and draws people from across organisations and sectors to have discussions about the future policy and advocacy that Oxfam gets involved in.

"And the third strand is about involving some of our students in the research and in other activities. They have gone out to work with Oxfam or community organisations, either as volunteers or on placement, and sometimes in paid roles. They've contributed to the local communities and the work of Oxfam and these small organisations."

### Research that really helps

The work that students do as social sciences students gives them real experience for life in work. One student volunteered for Sunny Govan Radio, running a weekly programme on social awareness.

But it's not just social science students who benefit, with students from other

schools getting involved too. Some helped Tea in the Pot, a local women's group, as they worked to raise new funding. At the same time, academic staff conducted research into how the group serves the local community – which was widely reported in the media, and raised the profile of the organisation. The research wasn't just academically useful – together with the students' input, it helped Tea in the Pot to be able to keep going.

### What makes 'decent' work?

That was the question that students at UWS helped to answer in the most high-profile project to come out of the Partnership. Working with Oxfam, the Scottish Government and the University of Warwick, UWS students researched how people see their work, and what they want from it.

The study comes in the wake of the 2008 financial crisis, and the unfortunate shift in expectation from having a 'good' job to having any job at all. Standards slipped – with many low paid workers in Scotland suffering under zero-hours contracts, poor conditions, and low pay.

### The five elements of good work

The study identified five key elements to 'good' work: a decent hourly rate, job security, paid leave, a safe environment and a supportive line manager.

These are pretty much what you'd expect – but that's the point of the study, to confirm just what is needed. And the fact that these elements were lacking in many workplaces highlights just how much room for improvement there is.

The research is already making a mark. "The Scottish Government has reflected our model in its own Fair Work programme – and imitation is the sincerest form of flattery," says Chik.

Left-to-right: Chik Collins (Professor of Applied Social Science); Frazer Cowan (student), Dr John Connolly (Senior Lecturer in Public Policy); Katey Tabner (student).



Insight

## Other partnerships

The School of Media, Culture & Society also has links with:



NSPCC

### People v machine

So how does all of this prepare people for the world beyond university? "What we try to do is break away from a mindset that says the future is predetermined and we're preparing you to fit in with it," says Chik. "That's not the case. The future is created by the actions of people in their day-to-day lives. We're helping students to change their world.

We're not trying to adapt them to fit in – but encouraging them to see the future as something more open than that.

"We encourage and support them to investigate social problems, ask the right

questions and know where to get the right information. That gives students the skills for work – but also the capacity to help to create a better future and find a place for themselves in it."

And what will that future look like? "There will be a health service, local government, NGOs, and 3rd sector organisations," says Chik. "There'll still be people facing the challenges of our world. We help our students to prepare themselves for those challenges, so that they can become active contributors to their own future."

OUR PARTNERSHIP  
WITH ST MIRREN  
FOOTBALL CLUB  
GIVES STUDENTS  
THE OPPORTUNITY  
TO PARTICIPATE  
IN COMMUNITY  
COACHING.



# LEARN IT AT



At UWS, your learning and teaching experience will be student-centred, personalised and distinctive, preparing you for a rewarding future. Our cutting-edge courses, practical knowledge and intelligent teaching are focused on helping you get ahead.

Across all of our campuses, there are well-equipped libraries suitable for individual or group study (*and you can have a coffee while you're hard at work*); over half a million items on the shelves; a wealth of online resources; wifi; and hundreds of PCs with free e-mail and web access. Our online learning environment, Moodle, also gives you access to course material and keeps you up-to-date with your fellow students – from anywhere.

## UWS

### 21st century learning

- study abroad
- placement
- work-related learning
- virtual learning environment
- volunteering
- practice placements
- lectures
- masterclasses
- workshops
- tutorials
- hands-on experience
- industry-standard facilities
- projects
- case studies
- group work
- presentations

## Learning that makes a difference

UWS students also get the chance to make a difference to the wider community in which our campuses are based, and further afield:

- students undertake placement in our two University hospices, Ayrshire Hospice and Ardgowan Hospice (see page 75)
- our partnership with football club St Mirren gives students the opportunity to participate in community coaching and get involved in live broadcasts (see page 18)
- our work with Oxfam gives students the chance to volunteer and gain placement experience (see page 30)
- a partnership with Ayr's Gaiety Theatre gives students the opportunity to work alongside theatre professionals, in the live theatre environment. (see page 84)

Ayrshire  
Hospice

the **GAIETY**  
THEATRE AND ARTS CENTRE • AYR

ARDGOWAN™  
HOSPICE  
Together We Care

Oxfam





## Entry requirements

Additional minimum entry criteria applies to many of our programmes on top of those listed in course entries – see page 138 for details.

## Portfolio review

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

# PROGRAMME INFORMATION

## Apply

Applications for full-time Honours degree and degree courses starting in September 2017 are made online through UCAS at [ucas.com](https://ucas.com)

For more information on the application process, see page 136.

**YOU NEED TO APPLY BETWEEN**  
**1 SEPTEMBER 2016 & 15 JANUARY 2017.**

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

## Stay in touch

 Find us on Facebook  
[facebook.com/UniWestofScotland](https://facebook.com/UniWestofScotland)

 Follow us on Twitter  
[twitter.com/UniWestScotland](https://twitter.com/UniWestScotland)

 Watch us on Vimeo  
[vimeo.com/uniwestscotland](https://vimeo.com/uniwestscotland)

## Got a question about UWS?

Just call us on **0800 027 1000** (+44 141 849 4101 outwith UK) or email [ask@uws.ac.uk](mailto:ask@uws.ac.uk)

Our student ambassadors can also give you advice on all aspects of studying at UWS – get in touch.

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Selected programmes  
recognised by  
professional bodies



Study abroad options



Selected programmes  
offer work-related  
learning and placement



Programmes underpinned  
by internationally excellent/  
world-class research



91% overall satisfaction  
for Business & Enterprise  
programmes in 2015



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

# School of Business & Enterprise



¹HESA performance indicator 2014/15.

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b> <i>Irish Leaving Certificate:</i>	<b>IB</b> <i>International Baccalaureate Diploma:</i>
<b>AH</b>	Advanced Higher	<b>HL</b>	<b>HL</b>
<b>SG</b>	Standard Grade	<b>HL</b>	<b>HL</b>
<b>Int2</b>	Intermediate 2	<b>OL</b>	<b>SL</b>
<b>Nat5</b>	National 5	<b>OL</b>	<b>SL</b>
<b>AL</b>	GCE A-Levels	<b>OL</b>	<b>SL</b>

### Advanced entry options

Each programme descriptor on the following pages provides the entry requirements for the first possible access point to the course. Advanced entry is available on the majority of our programmes and this is highlighted where this is possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may give

entry beyond Year 1 of related UWS courses, while our strong links with colleges provide access to Years 2 or 3 of some degree programmes, with HNC or HND qualifications respectively. The entry requirements for these advanced entry points can be found in full on our website – for details visit [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

### Entry requirements

Additional minimum entry criteria applies to many of our programmes on top of those listed in course entries – see page 138 for details.

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New thinking for a changing  
business world: our students are  
ready to shape the future.

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# Business & Enterprise

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.

As one of Scotland’s largest schools of business and enterprise, our programmes produce globally aware graduates with industry-relevant skills who are confident, independent learners. Learning supports the development of your employability skills and attributes valued by the employers of today and in the future.

WORLD-LEADING AND INTERNATIONALLY EXCELLENT RESEARCH AS PART OF OUR BUSINESS AND MANAGEMENT STUDIES SUBMISSION<sup>1</sup>



## 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.

On top of those listed above, our graduates have been hired by organisations such as:

- Chivas Regal
- National Australia Group
- Shell
- Ford
- Motorola
- Scottish Power
- Doosan Babcock
- Glasgow 2014 Ltd
- Crieff Hydro
- Terasaki Electric (Europe) Ltd
- Citibank
- Ayrshire College
- New College Lanarkshire
- Cancer Support Scotland
- SCIAF
- Arnold Clark Ltd

<sup>1</sup>Research Excellence Framework 2014.



## Get involved

Putting what you’ve learned in the classroom into practice is an essential part of being a UWS business and enterprise student, which is why we provide lots of opportunities for you to get hands-on experience:

- The William Elder Enterprise Award: won by Mark Munro in 2015, for his novel and inspirational business idea for an online charity platform which is currently being developed.
- The annual Ideas in Enterprise competition: 2015’s winner was UWS student Stephen Crichton, who won first prize for his business idea for a headset to enable mobile phones to act as virtual reality devices. Prizewinners Leigh Green and Mark Maclean were also awarded incubation space at both Renfrewshire Council and Hillington Innovation Centre.
- Real-life experience within your programme: our Events Management students attended the Opening Ceremony of the 2014 Ryder Cup at Gleneagles to understand the benefits of experiencing events during the learning process.
- 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 amongst young people.
- Participation in the UK IBM Business Challenge: UWS has been successful in reaching the final stages on a number of occasions.
- Access to facilities and support at the recently established ‘business incubator’ at our Lanarkshire Campus.
- Participation in the Markstrat business simulation game, as part of the Dukenet group of European universities, of which we are the only Scottish member.
- The launch of our new Enterprise Academy, opening doors to industry experts.

More details  
[uws.ac.uk/business](https://uws.ac.uk/business)

## Feature

### 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). 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. The launch event, held in November 2015, attracted visitors from around the world– with speakers from the UN, diplomats, and high commissioners. Humza Yousaf, MSP for Glasgow Pollok, also helped to launch the Centre.

“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.”

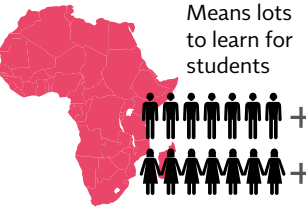
CAREED’s focus is on research for PhD students and lecturers, but there are implications for business and enterprise students at undergraduate level. Many countries in Africa are on course for rapid growth. "Ethiopia had one of the highest rates of

economic growth in the world last year, 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...



## Feature

*Preparing you for the business  
world*

We put employability at the heart of all teaching. We do that through a relentless focus on individual learning and development. We know that qualifications can only take you so far in life or business; personality, problem-solving, leadership and assertiveness are the 'soft' skills that will help you stand out in the job market.

**Building your profile**

You are encouraged to sell yourself to employers and become a digitally savvy, proactive graduate through:

- Practising blog writing, staging talks and presentations
- Building an online profile and business contacts through LinkedIn

- Using the school's own LinkedIn site to follow the careers of previous graduates
- Creating your own, online, cross-disciplinary, learning communities
- Making interactive CVs using the 'TouchCast' video platform

**Industry links**

**Accounting:** Take modules that are recognised for exemptions from the main professional bodies ICAS, ACCA, CIMA and CIPFA.

**Business:** Graduates of this programme can apply for Chartered Management Institute (CMI) exemptions.

**Events Management:** Close links with industry leaders, professional bodies and trade groups, such as the Association of British Professional Conference Organisers (ABPCO), and the National Outdoor Events Association.

**Human Resource Management:** BA (Hons) programme is the first in Scotland to gain accreditation from the CIPD. With over 130,000 members internationally, the CIPD is the professional body for HR and people development.

**Marketing:** Graduates are encouraged to join the Chartered Institute of Marketing (CIM) and strive towards Chartered Marketer status. Established in 1911, the CIM is the world's leading professional marketing body.

**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 and this was recognised in the 2014 Research Excellence Framework for our submission in Business & Management Studies. You will benefit from both 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.

We have also built a reputation for quality in consultancy, working with many top companies such as Abbott UK, Astra Zeneca, Doosan Babcock, Honeywell, Hoover Candy, Mars Waltham, Rolls Royce and Vaskutek; from providing learning programmes for their staff to organising work experience for our students.



# Insight

**BY 2022...**

Scotland will have an increased need for the following roles<sup>2</sup>



**13% MORE**  
Management  
Accountants



**10% MORE**  
Paralegals



**14% MORE**  
Event  
Managers

## STARTING OUT YOUR CAREER

The School offers a wide portfolio of programmes equipping you for many roles in business and enterprise.

Employers will vary in size and type which means there are different ways to get your foot in the door. You shouldn't wait until you graduate to start making contact with them either.

**Graduate schemes**

Many large, well-known employers have dedicated schemes for graduates and internships undertaken during summer.

Look on [graduatejobs.com](http://graduatejobs.com) to start your search.

**SMEs**

Small and medium-sized enterprise roles are perhaps more challenging to find as they don't have dedicated schemes or big recruitment budgets, meaning they often recruit via personal contact and referrals. Start to build up a database of employers and be proactive and contact them.



## TOURISM MANAGEMENT

The Scottish Government has ambitious plans to grow annual spend by tourists by 18% by 2020.<sup>3</sup>



<sup>2</sup>[myworldofwork.co.uk](http://myworldofwork.co.uk)

<sup>3</sup>Skills Development Scotland Tourism SIP.

**Entrepreneurial,  
problem-solvers****Alumni profile****Francesco  
Loretucci**

**Programme**  
International Marketing

**Current position**  
Founder, Bonny Vita

Francesco left UWS with a degree and a strong entrepreneurial flair. He set up his own company, Bonny Vita, which sells products incorporating Italian truffles in Scottish recipes – most recently, a truffle spirit developed by a distiller.

He won a £10,000 prize from Entrepreneurial Spark to develop his idea – and now he's looking for an international distributor. He also has a job in marketing at INCo, one of the biggest IT consultancies in Scotland. "I never stop," he says.

So how did UWS help him with his hectic career? "My degree offered the complete package. In terms of organisation, concept and content – it was brilliant. Essentially, I was ready to work."

Employers say entrepreneurialism, problem solving and critical analysis are just as important as graduates' academic knowledge.<sup>4</sup>

They want to see what you've learned in the classroom put into practice and at UWS we provide lots of opportunities for you to gain these skills – see page 39.



## MARKETING

**In demand**

The number of marketing employers who are struggling to find talent has grown 320% since 2014.<sup>5</sup>

**Client vs agency**

Working client side means you'll be working within an organisation's marketing team, living and breathing their brand(s). A career agency side could be for you if you want to work across multiple brands and sectors.

<sup>4</sup>Universities UK

<sup>5</sup>Content Marketing Institute



# Accounting

**UCAS CODE:** N400

**DURATION:** BAcc Hons 4 years

**CAMPUS:** Ayr<sup>1</sup>, Lanarkshire, Paisley, South Lanarkshire College<sup>2</sup>, New College Lanarkshire<sup>2</sup>

**CONTACT:** Steven Leonard  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

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.

Graduates are prepared for careers in accountancy and finance as well as general business and management. UWS graduates have secured employment with companies including Chivas Brothers, HMRC, Glasgow Airport, National Australia Group, RBS, Shell, CBRE, the NHS and Sainsbury's.

You can take 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.

## Entry


### YEAR 1

**H:** BBBC inc English plus Maths at SG (3 or above), Int 2 or Nat 5  
**AL:** CCC  
**ILC:** H3H3H3H4 inc English  
**IB:** 24 points (4, 4 at HL)

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.

<sup>1</sup>Please note entry to the programme at Ayr Campus is Year 3 only.

<sup>2</sup>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.

**96%**   
**STUDENT SATISFACTION**  
**NATIONAL STUDENT SURVEY 2015**

# Business

**UCAS CODE:** N100

**DURATION:** BA Hons 4 years

**CAMPUS:** Ayr<sup>3</sup>, Dumfries<sup>4</sup>, Lanarkshire, Paisley, London<sup>5</sup>

**CONTACT:** Peter McGuire  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk



Graduates of this programme can apply for Chartered Management Institute (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 1


**H:** BBBC inc English plus Maths at SG (3 or above), Int 2 or Nat 5  
**AL:** CCC  
**ILC:** H3H3H3H4 inc English  
**IB:** 24 points (4, 4 at HL)

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.

<sup>3</sup>Please note entry to the programme at Ayr Campus is to Year 3 only.

<sup>4</sup>Please note entry to the programme at Dumfries Campus is to Year 3 only.

<sup>5</sup>This programme is only available to international students at London Campus.

**97%**   
**OF STUDENTS**  
**IN WORK/FURTHER STUDY**  
**6 MONTHS AFTER GRADUATING<sup>6</sup>**

<sup>6</sup>HESA performance indicator 2014/15.

# Business and English Language (3rd Year Entry)

**UCAS CODE:** NQ13

**DURATION:** BA 1 year

**CAMPUS:** Paisley

**CONTACT:** Peter McGuire  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk



**Aimed at students whose first language is not English, this programme provides an understanding of business topics with taught English language skills to help you become fully fluent in English. It offers an excellent foundation for engaging in international business activities in a variety of organisations.**

You will refine and expand your knowledge with a particular emphasis on English language for business. Through case studies and access to guest speakers from industry, you will gain added insight into the business world.

You will be well-placed for a career in your home country dealing with international customers and partners and you will also have the confidence to conduct business or seek work abroad.

Detailed course content available at [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

## Entry

### YEAR 3

**SQA HND / BTEC Level 5 HND / Foundation Degree:** Relevant business discipline. Minimum IELTS 6.0, or equivalent

# Events Management

**UCAS CODE:** N820

**DURATION:** BA Hons 4 years

**CAMPUS:** Lanarkshire, Paisley

**CONTACT:** Sandro Carnicelli  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk



**This 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 includes elements relating to the development of operational skills across a range of sectors, as well as project management, legislation and risk management – all essential skills for the professional events manager.

You will explore a range of event management processes and plan a live event. A special feature of this course is the close liaison with industry leaders and professional bodies/trade associations in the events industry such as ABPCO and Eventia. Guest speakers also present to our students.

Detailed course content available at [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

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 inc English plus Maths at SG (3 or above), Int 2 or Nat 5  
**AL:** CCC  
**ILC:** H3H3H3H4 inc English  
**IB:** 24 points (4, 4 at HL)

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.

**93%**   
**OF STUDENTS**  
**IN WORK/FURTHER STUDY**  
**6 MONTHS AFTER GRADUATING<sup>7</sup>**

<sup>7</sup>HESA performance indicator 2014/15.

# Human Resource Management

**UCAS CODE:** N600  
**DURATION:** BA Hons 4 years  
**CAMPUS:** Paisley  
**CONTACT:** Kirstine Collins  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
[ask@uws.ac.uk](mailto:ask@uws.ac.uk)

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



Approved Centre

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.

“The course is challenging and interesting and with guest speakers from large corporations, you can relate to how theoretical knowledge can be applied within organisational situations.”

SHAUN CALLAN  
HUMAN RESOURCE MANAGEMENT GRADUATE

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 inc English plus Maths at SG (3 or above), Int 2 or Nat 5  
**AL:** CCC  
**ILC:** H3H3H3H4 inc English  
**IB:** 24 points (4, 4 at HL)

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.



# Law & Business

**UCAS CODE:** MN11  
**DURATION:** BA Hons 4 years  
**CAMPUS:** Lanarkshire<sup>1</sup>, Paisley  
**CONTACT:** Carolynn Gray  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
[ask@uws.ac.uk](mailto:ask@uws.ac.uk)

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



This degree is designed for those pursuing a career in legal services or wishing to combine the study of law with business concepts.

Business-related topics are studied as well as specialist areas of law including criminal and employment law and commercial law. Beyond legal knowledge, students develop skills in legal research and practical problem-solving, as well as developing an understanding of the environments, markets and processes of business organisations. Study abroad opportunities are available.

Graduates enjoy careers in the rapidly expanding paralegal market and the wider business market.

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 inc English plus Maths at SG (3 or above), Int 2 or Nat 5  
**AL:** CCC  
**ILC:** H3H3H3H4 inc English  
**IB:** 24 points (4, 4 at HL)

Direct entry to Year 2 (with an HNC/D) may be possible, while entry to Year 3 will be dependant on the spread of modules studied previously. 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.

<sup>1</sup>Please note entry to this course at Lanarkshire Campus is to Year 3 only.

# Marketing

**UCAS CODE:** N500  
**DURATION:** BA Hons 4 years  
**CAMPUS:** Paisley  
**CONTACT:** Pravin Balaraman  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
[ask@uws.ac.uk](mailto:ask@uws.ac.uk)

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



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.

The degree will prepare you for a wide range of marketing opportunities both at home and abroad.

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 inc English plus Maths at SG (3 or above), Int 2 or Nat 5  
**AL:** CCC  
**ILC:** H3H3H3H4 inc English  
**IB:** 24 points (4, 4 at HL)

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.

# Tourism Management (3rd Year Entry)

**UCAS CODE:** N832  
**DURATION:** BA Hons 2 years  
**CAMPUS:** Paisley  
**CONTACT:** Sandro Carnicelli  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
[ask@uws.ac.uk](mailto:ask@uws.ac.uk)

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



This 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 hotel and facilities management; conference and convention management; 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





Selected programmes  
recognised by  
professional bodies



Study abroad options



Selected programmes  
offer work-related  
learning and placement



Programmes underpinned  
by internationally excellent/  
world-class research



Our Childhood Studies and Education  
programmes came top in the UK for overall  
student satisfaction with 100% in 2015



Our Education programme  
is ranked 6th in the UK in the  
Complete University Guide 2017

# School of Education



\*HESA performance indicator 2014/15.

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b> Irish Leaving Certificate:	<b>IB International Baccalaureate Diploma:</b>
<b>AH</b>	Advanced Higher	<b>HL</b> Honours Level	<b>HL</b> Higher Level
<b>SG</b>	Standard Grade	<b>OL</b> Ordinary Level	<b>SL</b> Standard Level
<b>Int2</b>	Intermediate 2		
<b>Nat5</b>	National 5		
<b>AL</b>	GCE A-Levels		

### Advanced entry options

Each programme descriptor on the following pages provides the entry requirements for the first possible access point to the course. Advanced entry is available on the majority of our programmes and this is highlighted where this is possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may give

entry beyond Year 1 of related UWS courses, while our strong links with colleges provide access to Years 2 or 3 of some degree programmes, with HNC or HND qualifications respectively. The entry requirements for these advanced entry points can be found in full on our website – for details visit [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)

### Entry requirements

Additional minimum entry criteria applies to many of our programmes on top of those listed in course entries – see page 138 for details.

### Portfolio review

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

### Section contents

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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.



PROFESSIONAL RECOGNITION

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



Education

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

Our programmes produce motivated, energetic and talented educators in pre-school settings, primary schools and community contexts.

Our programmes

Our Education programmes give you the opportunity to gain valuable practical experience of interacting with children, young people and adults through placements in pre-schools, primary schools and a range of 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; the one-year induction phase allows new teachers to continue to develop their knowledge and skills as a teacher. Following this year, many teachers find employment both at home and internationally.



WORLD-LEADING AND INTERNATIONALLY EXCELLENT RESEARCH AS PART OF OUR EDUCATION SUBMISSION<sup>1</sup>



7<sup>TH</sup> EDUCATION DEGREE RANKED 7<sup>TH</sup> IN THE UK BY THE TIMES GOOD UNIVERSITY GUIDE 2016

<sup>1</sup>Research Excellence Framework 2014.

EXCHANGE OPPORTUNITIES

Read about study abroad opportunities in our programme entries from page 52



PRACTICAL EXPERIENCE

In pre-schools, primary schools and range of community settings across a variety of Education programmes



INDUCTION POST

One year induction post guaranteed for new BA Hons Education graduates

1<sup>YR</sup>

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.

The Centre for Research in Education aims to grow and focus our research activity in the area of education, through establishing innovative and creative research networks; developing research capacity among our staff and students; building confidence in undertaking research and publishing findings; growing collegiate research cultures; and crossing disciplinary boundaries.

The Institute for Youth and Community Research is structured around areas of scholarly focus that are critical to the development of flourishing communities. This includes those aspects that are at the heart of wellbeing and social justice, such as discourses of youth crime, youth justice, adult and community learning and participation, community safety and inclusion.

The Institute embraces studies in sociological, educational, criminological, cultural and equality studies. It seeks to conduct innovative research and engage in knowledge transfer activities, working with a wide range of external bodies in Scotland, the UK, Europe and the wider world.

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 and are expanding our portfolio. 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.

Feature

How to teach the Holocaust

At some point in your career you'll need to teach difficult subjects. And few things are more difficult to teach than the Holocaust – but the lessons to be learned are immensely valuable.

Dr Paula Cowan has been helping students at UWS to develop skills to teach complex topics. “Students who elected for the Holocaust Studies and Citizenship module<sup>1</sup> have said that it’s the most meaningful module they study.”

Paula set up a partnership between UWS and the International School for Holocaust Studies at Yad Vashem in Jerusalem – and has led a seminar in Jerusalem for a small group of students.

So how does this help a career in teaching? “I’m giving students the tools to go out and talk about difficult issues as well as developing their understanding of the links between citizenship, values and Holocaust education.”

Read the full story: [uws.ac.uk/insights](https://uws.ac.uk/insights)



BA (Hons) Education p.53

More details [uws.ac.uk/education](https://uws.ac.uk/education)



<sup>1</sup>From 2016 the module Controversial Issues and Citizenship will run as a replacement for this module for Year 2 students on the BA (Hons) Education programme.



## Feature

*A different view of youth violence and gangs*

What makes people turn to gangs, violence and crime? And how can you design services for those people, to help them stay off the streets and cope with the challenges they face? These are the questions that Ross Deuchar, Assistant Dean within the School of Education, Director of the Research Unit on Crime, Policing and Social Justice at UWS and a forthcoming Fulbright Scholar, has been asking for many years.

“My research prioritises the voices of these young people. I look at the challenges, stresses and strains that lead them to become involved in what I call ‘criminal coping’. They turn towards criminal activity as a result of the situation at home – which could be a background of domestic violence, alcoholism or drug abuse. Combined with a lack of opportunities and the poverty and deprivation of the places they grow up in, crime is often the only option they can see.”

As well as talking to young people, Ross has worked with Police Scotland, youth workers, community groups, and teachers to provide insight for many initiatives – from recreational sport through to getting people back in the classroom. He’s worked in Scotland, Europe, America and Asia, giving him a broad perspective.



“Prevention and early intervention are high on the political agenda.”

All of this informs his work with undergraduate students. “I teach spotlight lectures on a range of programmes, including BA (Hons) Education, BA (Hons) Childhood Studies and BA (Hons) Community Education” he says. “I draw on first-hand experience. It enables students to gain a really rich understanding of how young people’s lives are affected by social deprivation. And it prepares them for situations they’ll face in their careers.”

**Guest lectures**

As part of the spotlight sessions, Ross has invited social workers, teachers, police officers, community leaders and ex-offenders to speak at the University.

After studying, students could go on to teach in schools, youth and community work, or to work specifically with disadvantaged young people on early and effective intervention programmes and initiatives. And the sector is growing. “Prevention and early intervention are on the political agenda,” concludes Ross. “It’s not

about enforcement and jailing people. It’s about encouraging all agencies to collaborate and intervene at the first sign. There are so many opportunities for undergraduates to go into rewarding careers.”

**LEARN IT**

**BA (Hons) Childhood Studies** p.52

**BA (Hons) Community Education** p.52

**BA (Hons) Education** p.53



## Insight

## Teacher salaries

£22,194<sup>+</sup>

Starting annual salary is £22,194, increasing yearly to £35,409.<sup>2</sup>

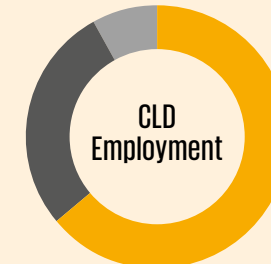
## Work abroad



Recent BA Education graduates are working in England, Canada and New Zealand.

## Community education

The Scottish Government highlights the increasing importance of Community Learning and Development (CLD) in reducing youth unemployment and the decline of vulnerable communities. In 2013, they published the first legislation giving explicit recognition to CLD.<sup>3</sup>



64% Local authority services  
28% Third sector  
8% Other

## Early education, childcare &amp; playwork

The demand for staff has increased in recent years. Free pre-school education places are given to three year-olds as well as four year-olds and Working Tax Credit is

helping many less well-off families to afford good quality care. There has never been a better time to enter a career in childcare, early education and playwork.<sup>4</sup>



£2,574

Teaching in a remote school or on certain islands you may get an additional allowance of up to £2,574.<sup>5</sup>

<sup>2</sup>teachingscotland.org  
(Figure for state schools)  
<sup>3</sup>educationscotland.gov.uk

<sup>4</sup>gov.scot  
<sup>5</sup>teachingscotland.org



Stacey McKillop

## Alumni profile

**Stacey McKillop****Programme**

Education

**Current position**

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.”

**LEARN IT**

**BA (Hons) Education** p.53

# Childhood Studies

(2nd Year Entry)

**UCAS CODE:** L560  
**DURATION:** BA Hons 3 years  
**CAMPUS:** Ayr, Dumfries<sup>1</sup>, Lanarkshire  
**CONTACT:** Dorothy Johnson  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)

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, 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.

Entry

**YEAR 2**  
**SQA HNC / BTEC Level 4 HNC:** Early Education and Care, Childcare and Education or Childhood Practice, plus SQA HG English at Grade C or GCSE English Literature and English Language at Grade B, or above or equivalent

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](https://scotland.gov.uk)

<sup>1</sup>Offered on a full-time basis at Dumfries Campus, subject to demand.

100% 

STUDENT SATISFACTION  
 TOP IN THE UK  
 NATIONAL STUDENT SURVEY 2015

# Community Education

**UCAS CODE:** L540  
**DURATION:** BA Hons 4 years  
**CAMPUS:** Lanarkshire  
**CONTACT:** Dr Annette Coburn  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk



Entry

**YEAR 1**  
**H:** BBBC inc English  
**AL:** BCC inc English  
**ILC:** H3H3H3H4 inc English  
**IB:** 24 points (4, 4 at HL)

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 childcare qualifications 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](https://scotland.gov.uk)

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.

95% 

OF STUDENTS AGREED STAFF WERE  
 ENTHUSIASTIC  
 ABOUT WHAT THEY WERE TEACHING  
 NATIONAL STUDENT SURVEY 2015

# Education

**UCAS CODE:** X100  
**DURATION:** BA Hons 4 years  
**CAMPUS:** Ayr  
**CONTACT:** Course Enquiries Team  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



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 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 can undertake short and medium-term placements in European countries (currently, France and Spain).

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

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

Entry

**YEAR 1**  
**H:** AAAB inc English + SG / Int 2 / Nat 5 Maths at Grade B or equivalent  
**AL:** BBB inc English + GCSEs English Language and English Literature at Grade A and GCSE Maths at Grade B  
**ILC:** H1H1H1H2 or H2H2H2H3 inc English, plus OL Maths at O2  
**IB:** 32 points (4, 4 at HL inc English and SL Maths at 5)

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](https://scotland.gov.uk)

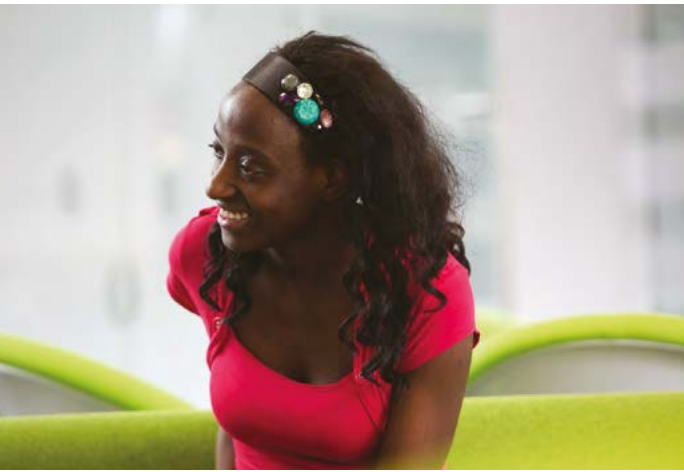
100% 

STUDENT SATISFACTION  
 TOP IN THE UK  
 NATIONAL STUDENT SURVEY 2015

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

**APPLY:** Please apply online at [uws.ac.uk/apply](https://uws.ac.uk/apply)  
**DURATION:** BA Hons 1 or 2 years  
**CAMPUS:** Paisley, London  
**CONTACT:** Course Enquiries Team  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



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 4**  
 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.





Selected programmes  
recognised by  
professional bodies



Study abroad options



Selected programmes  
offer work-related  
learning and placement



Programmes underpinned  
by internationally excellent/  
world-class research



Our Civil Engineering and Computer-  
Aided Design programmes came  
top in the UK for overall student  
satisfaction with 100% in 2015

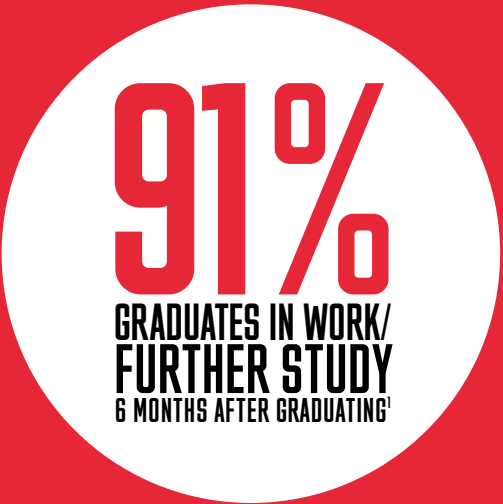


Delivering applied engineering  
courses for over 100 years



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

# School of Engineering & Computing



¹HESA performance indicator 2014/15.

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b> Irish Leaving	<b>IB</b> International
<b>AH</b>	Advanced Higher	<b>Certificate:</b>	<b>Baccalaureate Diploma:</b>
<b>SG</b>	Standard Grade	<b>HL</b> Honours Level	<b>HL</b> Higher Level
<b>Int2</b>	Intermediate 2	<b>OL</b> Ordinary Level	<b>SL</b> Standard Level
<b>Nat5</b>	National 5		
<b>AL</b>	GCE A-Levels		

### Advanced entry options

Each programme descriptor on the following pages provides the entry requirements for the first possible access point to the course. Advanced entry is available on the majority of our programmes and this is highlighted where this is possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may give

entry beyond Year 1 of related UWS courses, while our strong links with colleges provide access to Years 2 or 3 of some degree programmes, with HNC or HND qualifications respectively. The entry requirements for these advanced entry points can be found in full on our website – for details visit [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

### Entry requirements

Additional minimum entry criteria applies to many of our programmes on top of those listed in course entries – see page 138 for details.

### Portfolio review

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

The School offers a diverse range of career-focused undergraduate programmes, which benefit from our strong industrial links.

### Section contents

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Chemical Engineering	63	Music Technology	68
Civil Engineering	63	Physics	68
Computer-Aided Design	64	Physics with Nuclear Technology	69
Computer Animation (with option in Digital Art)	64	Product Design and Development	69
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Computer Games Technology	65		
Computer Networking	66		
Computing Science	66		



PROFESSIONAL RECOGNITION

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



IOP Institute of Physics



IChemE ADVANCING  
ENGINEERING  
WORLDWIDE

WORKING WITH  
INDUSTRY



Workshops and masterclasses  
Placements, site visits and field trips



Develop hands-on practical skills



Small class sizes allow close interaction

School of Engineering & Computing

Engineering

With over 100 years’ of experience in training engineers, we offer vocationally-relevant, professionally recognised programmes. You’ll put your skills to the test in our industry-standard facilities and have opportunities for practical training and placement at home or abroad.

Industry links

Our programmes are designed around industry needs. UWS graduates can be found in leading positions in companies such as:

- GlaxoSmithKline
- British Airways
- Scottish Water
- Johnson Matthey
- Barr Construction
- Zeneca
- Doosan Babcock Energy Ltd
- BAE Systems
- Ciba Specialty Chemicals
- Roche Products Ltd
- IBM
- BP Oils Ltd
- Balfour Beatty
- Bovis Lend Lease
- Glasgow City Council
- Network Rail
- Scottish Natural Heritage
- Quintiles (Scotland) Ltd

Industry insight

Guest speakers from a range of relevant organisations frequently share their insights to industry with students.



Practical experience

Employers prefer graduates with work experience and on average these graduates earn 28% more than those with no placement experience.<sup>1</sup> 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.



IN SCOTLAND  
FOR ELECTRICAL  
AND ELECTRONIC  
ENGINEERING,  
METALLURGY  
AND MATERIALS<sup>2</sup>

Industry-standard facilities

With almost £1million invested in new laboratories, thin film technologies, micro-scale sensors and nuclear physics research, Paisley Campus offers fully equipped, industry-standard facilities. Extensive materials testing and analysis facilities; metrology laboratory; rapid prototyping centre; assembly and welding laboratories; and manufacturing facilities put the Paisley facilities among the best in the sector.

In 2008, we opened our £2.1million engineering centre at Lanarkshire Campus.

Both campuses have modern, dedicated IT facilities utilising a range of industrial applications software such as PRO/Engineer, Ansys, Fluent, AutoCAD, MS Project and WITNESS.

More details  
[uws.ac.uk/engineering](http://uws.ac.uk/engineering)

Feature

Institute of Thin Films,  
Sensors & Imaging

UWS is a global leader in the research, development and application of thin film technologies, with a particular focus on sensor and imaging applications.

Run by Professor Des Gibson, a physics graduate with a PhD in thin film optics, the Institute’s staff are experts in thin film and plasma research, micro/nanoscale film/structure design, characterisation/evaluation, micro-mechanics and nanotechnology.

The thin films and application techniques they have pioneered and developed are finding a host of applications in industry.

Thin film technologies are key enablers in a wide range of global research, development, manufacturing, industrial and

high technology applications and products, meaning the Institute’s work has global reach and potential.

Their latest research project examines the use of UWS-developed thin film deposition technology for the production of key infrared optical coatings required in next generation multi-gas sensors, multispectral and ultrasonic imaging.

This research has practical applications:

- erosion and corrosion protection coatings for oil and gas applications
- optical coatings applied to lasers, ophthalmics and imaging systems
- piezoelectric thin films for ultrasonic sensors applied to non-destructive testing

Make no mistake, this is cutting-edge physics with practical applications.



BSc (Hons) Physics p.68  
BSc (Hons) Physics with Nuclear Technology p.69



Hollow cathode chemical vapour deposition system for coating internal surfaces of pipes for oil and gas applications.

<sup>1</sup>The Engineering Council  
<sup>2</sup>Research Excellence Framework 2014.



PROFESSIONAL RECOGNITION

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



# 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.



Industry links

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.

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.

More details  
[uws.ac.uk/computing](https://uws.ac.uk/computing)



Insight on growing sectors:



Big Data Analytics



Cyber Security



The 'Internet of Things'

WORLD-LEADING AND INTERNATIONALLY EXCELLENT RESEARCH AS PART OF OUR COMPUTER SCIENCE AND INFORMATICS SUBMISSION'

<sup>1</sup>Research Excellence Framework 2014.

Feature

## Superfast 5G, brought to you by UWS

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

Their research feeds directly into the things you'll learn at UWS. "We regularly invite academics and PhD students to give guest lectures on topics that are in our curriculum related to their special expertise," says Qi. "For example, in the Wireless Networking Honours module this term, we have invited a PhD student working on a 4G/5G testbed for this SELFNET project to present his research to the class."

It's not just guest lecturers either. "We update our teaching materials regularly to reflect our research areas," says Qi, "Including the latest advances in 5G mobile networks, 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

What it means?

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.

**"We update our teaching materials regularly to reflect our research areas."**



BSc (Hons) Computer Networking

p.66







# Insight

## Engineering



Alumni profile

Kay Hay

**Programme**  
Engineering Management, part-time

**Current position**  
Business Development Manager, Doosan Babcock

Kay Hay graduated with a BEng Hons in Engineering Management in July 2015, which allowed her to progress her career at Doosan Babcock. She worked with the company for many years beforehand, and when it offered to sponsor her degree she took the chance. Now she's a Business Development Manager – a role that she couldn't have applied for without her degree.

What was it like as a mature student at UWS? "I wasn't sure

about being an older female going into a classroom full of young guys, but they were absolutely brilliant. It was a very nurturing environment, and the group dynamic in our tutorials was good. I think as a mature student you're more likely to ask questions. I was juggling work and home and kids, so I couldn't afford to waste time. And the lecturers were very responsive."

There were lots of other benefits to her degree as well, from improving her IT skills to altering her approach to change. "Change isn't an issue for me anymore. University teaches you to adapt to change, to embrace it – rather than see it as something to be afraid of."



Engineering Management p.67

69,000  
JOBS

Projected annual shortfall of graduate & technician engineers.<sup>1</sup>



UK needs more than **2.2 million engineers** over the next five to 10 years, from 2012.<sup>2</sup>



### GRADUATES

Internships organised by the University can lead to the offer of full-time, permanent jobs. Recent graduates are already working on high-profile building and engineering projects in the fields of healthcare and education provision.

**"UWS is a really 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

### THE FUTURE

Engineering is moving away from dirty hands and oily overalls with digital engineering on the rise. Engineers are swapping building sites for labs and 'clean room' manufacturing environments.

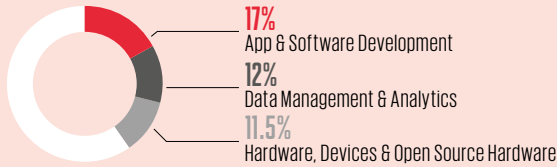
The industry is also moving towards a more sustainable and greener way of working, with an increasing demand for specialism in 're-engineering' and 're-manufacturing'. Green, low impact, low carbon and smart technologies are set

to take centre stage. Scotland, with its abundance of 'green' resources, is in a great position to develop in the expanding fields of bio-engineering and bio-manufacturing.

Scotland also looks to have an exciting future in aerospace engineering & construction, and UWS is working closely with organisations in Prestwick's aircraft hub.

<sup>1</sup>Engineering UK 2016  
<sup>2</sup>Engineering UK 2012: The State of Engineering

Top three sectors<sup>3</sup>



## Computing

Where are the roles?

Employment in the IT industry is expected to grow at nearly five times the UK average.<sup>4</sup>

41% of jobs exist within traditionally non-digital industries (e.g. finance and retail) with 45% of marketing, PR and design companies now digital tech businesses.<sup>3</sup>

80% of jobs in digital tech exist outwith London<sup>3</sup>, with Dundee, Edinburgh and Glasgow major hubs.

The UK faces a major digital skills gap, with many companies reporting a shortage of suitably qualified developers, coders<sup>5</sup> and computer science graduates.<sup>6</sup>

The sector is renowned for smaller sized employers and freelancers. At UWS we put a big focus on the entrepreneurial skills that graduates will need to in that industry.

### THE FUTURE

With strong government backing, Scotland is looking to position itself as a world leader in the fields of:



All fields that are in growth where UWS has expertise.

Six cyber Security Operations Centres (SOCs) already operate in Scotland and other organisations with a global understanding of cyber security, such as Dell Secureworks, ATOS, RBS and

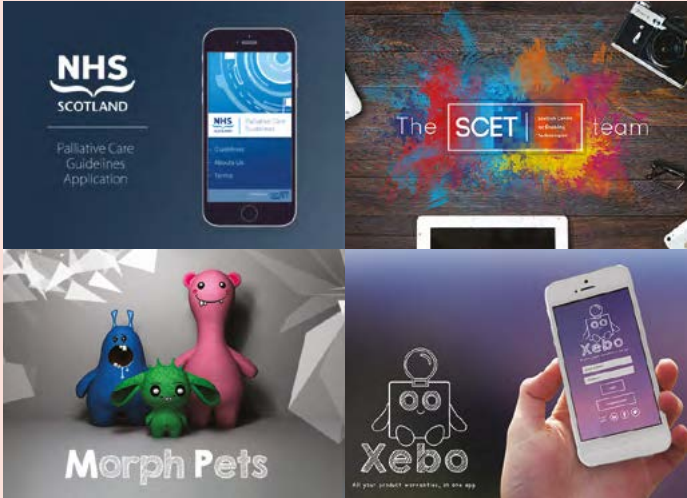
Tesco Bank. Eleven of the top UK financial institutions, including Morgan Stanley, Barclays Wealth and HSBC and solutions providers such as Hewlett Packard, have the majority of their cyber capacity in Scotland, each employing thousands of skilled people. Skyscanner, Lockheed Martin and Think Analytics are among the other big names that have been recruiting heavily in Scotland.

UWS is also helping to develop the 'internet of things'. A network of physical objects – devices, vehicles, buildings and other items – embedded with electronics, software, sensors, and network connectivity that enables them to collect, exchange and analyse data.

<sup>3</sup>Tech Nation 2016 (UK figures)  
<sup>4</sup>CGI Group / [CIO.co.uk](http://CIO.co.uk)  
<sup>5</sup>Digital Skills for the UK Economy 2016  
<sup>6</sup>Tiga / [computerweekly.com](http://computerweekly.com)  
<sup>7</sup>[reed.co.uk](http://reed.co.uk) (IT & telecoms salaries)

Salaries  
**£25,000+**

Mean starting salary with **average salary over £35,000**. Some specialist and project management staff earn almost double that.<sup>7</sup>



Feature

### Scottish Centre for Enabling Technologies (SCET)

UWS is turning digital theory into commercial reality. SCET is giving students understanding of, and access to, real commercial digital projects.

The SCET team are specialists in:

- mobile development
- web/cloud development
- e-health development
- computer games
- animation/graphic design
- data analytics

They have created successful apps, mobile/web games, immersive 3D/2D web platforms and high performing e-health tools.

Based at UWS's Paisley Campus, SCET offers industry and the commercial sector real-world solutions to real-world problems. From web and cloud-based services, to technical training and app development, SCET has the expertise.

Want to delve deep into big data and analytics, run a feasibility or prototyping study? SCET's got that covered. The team also offers expertise in digital media and animation, and location-based services.

The centre has already worked with customers including NHS Scotland, the EU-funded Digital Bridges project, and waste management providers, Barr Environmental to create digital apps and video content.

The industry/academia model lets public and private sector organisations of all sizes access cutting-edge computer science and digital technology, while allowing UWS staff to work on real-world, time-sensitive, commercial projects.

Students also benefit with most of the SCET team involved in our BSc (Hons) Computer Games Technology and BSc (Hons) Web and Mobile Development programmes.



# Aircraft Engineering

**UCAS CODE:** H410  
**DURATION:** BEng Hons 4 years  
**CAMPUS:** Paisley  
**CONTACT:** Tony Leslie  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)

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:** BBBB inc Maths & either Physics or Technological Studies  
**AL:** CCC inc Maths & 1 science  
**ILC:** H3H3H3 inc Maths & either Physics, Engineering or Technology  
**IB:** 24 points (4, 4 at HL)  
Direct entry to Year 3 (with an HND) may be possible. 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

90%   
STUDENT SATISFACTION  
NATIONAL STUDENT SURVEY 2015

# Business Technology

**UCAS CODE:** G290  
**DURATION:** BSc Hons 4 years  
BSc Hons (Sandwich) 5 years  
**CAMPUS:** Paisley  
**CONTACT:** Tom Caira  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



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<sup>1</sup> – conditions apply, for full details see our website.

**Entry**  
**YEAR 1**  
**H:** BBBB inc English or Maths or Computing Science  
**AL:** CCC inc English or Maths or Computing Science  
**ILC:** H3H3H3H4 inc English or Maths or Technology  
**IB:** 24 points (4, 4 at HL & one of English, Maths or Computer Science)  
**SQA HNC / BTEC Level 4 HNC:** Administration and IT; Business  
Direct entry to Year 2 (with an HNC) and Year 3 (with an HND with an A in the Graded Unit) may be possible.<sup>2</sup> 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.

<sup>1</sup>Subject to re-accreditation approval.  
<sup>2</sup>Certain HND's may only provide entry to Year 2.

92%   
OF STUDENTS  
IN WORK/FURTHER STUDY  
6 MONTHS AFTER GRADUATING<sup>3</sup>

<sup>3</sup>HESA performance indicator 2014/15.

“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 which will be important after I graduate.”

JASON DOWD  
BUSINESS TECHNOLOGY GRADUATE,  
NOW WORKING IN IT SUPPORT  
AT FORBIDDEN TECHNOLOGIES PLC

# Chemical Engineering

**UCAS CODE:** H810  
**DURATION:** BEng Hons 4 years  
BEng Hons (Sandwich) 5 years  
**CAMPUS:** Paisley  
**CONTACT:** Dr Zaki El-Hassan  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



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 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 professional body, the Institution of Chemical Engineers – conditions apply, for full details see our website.

**Entry**  
**YEAR 1**  
**H:** BBBB inc Maths & Chemistry  
**AL:** CCC inc Maths & Chemistry  
**ILC:** H3H3H3H3 inc Maths & Chemistry  
**IB:** 24 points (4, 4 at HL)  
**SQA HNC:** Chemical Engineering  
Direct entry to Year 2 (with an HNC) and Year 3 (with an HND with an A 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.

87%   
OF STUDENTS  
IN WORK/FURTHER STUDY  
6 MONTHS AFTER GRADUATING<sup>4</sup>

<sup>4</sup>HESA performance indicator 2014/15.

# Civil Engineering

**UCAS CODE:** H200  
**DURATION:** BEng Hons (Sandwich) 4 years  
**CAMPUS:** Paisley  
**CONTACT:** Callum Tooth  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



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, Halcrow, and the Royal Air Force in roles such as Graduate Civil Engineer or Graduate Structural Engineer.

At time of print the BEng Honours programme 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. Conditions apply, for full details see our website.

**Entry**  
**YEAR 1**  
**H:** BBBB inc Maths & 1 science  
**AL:** CCC inc Maths & 1 science  
**ILC:** H3H3H3H3 inc Maths & 1 science  
**IB:** 24 points (4, 4 at HL)  
**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) and Year 3 (with an HND with an A in the Graded Unit) may be possible. For specific grades and subjects see website listed above.

RANKED 5<sup>TH</sup>  
IN THE UK  
IN THE GUARDIAN UNIVERSITY  
GUIDE 2017

100%   
STUDENT SATISFACTION  
TOP IN THE UK  
NATIONAL STUDENT SURVEY 2015

# Computer-Aided Design (3rd Year Entry)

**UCAS CODE:** H130  
**DURATION:** BSc Hons 2 years  
**CAMPUS:** Paisley  
**CONTACT:** Dr Parag Vichare  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course  
 content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

This degree will put your creative and technical skills to the test to produce 2D and 3D designs and specifications for various 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 SZCZESNAK  
 COMPUTER-AIDED DESIGN GRADUATE AND  
 CAD TECHNICIAN AT PEAK SCIENTIFIC  
 INSTRUMENTS LTD

100%   
 STUDENT SATISFACTION  
 TOP IN THE UK  
 NATIONAL STUDENT SURVEY 2015

# Computer Animation (with option in Digital Art)

**UCAS CODE:**  
 Computer Animation GW46,  
 Computer Animation  
 with Digital Art G4W2  
**DURATION:** BSc Hons 4 years  
**CAMPUS:** Paisley  
**CONTACT:** John McQuillan  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course  
 content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)




Character Modelling Reel by Joey Aguirre,  
 4th year Computer Animation student

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 preferably inc either Art & Design, Graphic Communication or Photography; at least one of these is required for option in Digital Art  
**AL:** CCC with a practical art-related subject preferred for Computer Animation; required for Computer Animation with Digital Art  
**ILC:** H3H3H3H4 with a practical art-related subject preferred for Computer Animation; required for Computer Animation with Digital Art

Applicants will be required to submit a portfolio of artwork. Applicants may also be considered with other relevant academic, vocational or professional qualifications.

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.

90%   
 OF STUDENTS  
 IN WORK/FURTHER STUDY  
 6 MONTHS AFTER GRADUATING<sup>1</sup>

<sup>1</sup>HESA performance indicator 2014/15.

# Computer Games Development

**UCAS CODE:** G610  
**DURATION:** BSc Hons 4 years  
 BSc Hons (Sandwich) 5 years  
**CAMPUS:** Lanarkshire, Paisley  
**CONTACT:** Dr John Nixon  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course  
 content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



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.

<sup>2</sup>Subject to re-accreditation approval.

# Computer Games Technology

**UCAS CODE:** G451  
**DURATION:** BSc Hons 4 years  
 BSc Hons (Sandwich) 5 years  
**CAMPUS:** Paisley  
**CONTACT:** Prof. Thomas Connolly  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course  
 content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



Tanked by Ian Young, 4th year  
 Computer Games Technology student

Designed in collaboration with the UK’s top computer games companies, this programme will prepare you for a career in games development, scientific software programming or general software development.

The programme – which has been awarded PlayStation® First status – offers the opportunity of a year’s paid sandwich placement in the UK or abroad, where you can gain invaluable experience in the computer games sector.

UWS graduates have secured positions as games developers/programmers with companies such as Sony and Rockstar North. Others have relocated to the gaming market hotspots of Japan, the US and Canada.

The Honours degree is accredited by Skillsset, the Sector Skills Council for the Audio Visual Industries in the UK and is accredited by the British Computer Society (BCS)<sup>3</sup> – conditions apply, for full details see our website.

**Entry**  
**YEAR 1**  
**H:** BBBB inc Maths & preferably Physics, Computing Science or Technological Studies  
**AL:** CCC inc Maths & preferably Physics or Computing Science, plus GCSE Physics  
**ILC:** H3H3H3H3 inc Maths & preferably Physics or Technology  
**IB:** 24 points (4, 4 at HL)

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.

<sup>3</sup>Subject to re-accreditation approval.



# Computer Networking

**UCAS CODE:** H601  
**DURATION:** BSc Hons 4 years  
**CAMPUS:** Lanarkshire (L), Paisley (P)  
**CONTACT:** Chris Armstrong (L); Duncan Thomson (P)  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



BCS

Educational Affiliate



This programme equips you with the skills to specialise in networking technology. The programme covers knowledge required for CISCO Certified Networking Associate (CCNA), a worldwide recognised qualification.

Study topics include web authoring, computing hardware and software, networking infrastructure, Windows and Unix/Linux system administration, data security and the operation of networks, and wireless networks and virtualisation.

You may take a paid full-time placement over a minimum 36 weeks duration, leading to a sandwich award. Study abroad opportunities are available.

UWS graduates work for companies including BT, Dell, HP, IBM, Iomart and Prudential.

Careers include network engineer, IT specialist and customer operations engineer. The Honours degree is accredited by the British Computer Society<sup>1</sup> – conditions apply, for full details see our website.

Entry

YEAR 1

**H:** BBBB inc Computing Science or Maths or Physics

**AL:** CCC inc Computer Science or Maths or Physics

**ILC:** H3H3H3H4 inc Maths or Physics or Technology


**IB:** 24 points (4, 4 at HL)

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.

<sup>1</sup>Subject to re-accreditation approval.

89%

OF STUDENTS IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING<sup>2</sup>



<sup>2</sup>HESA performance indicator 2014/15.

# Computing Science

**UCAS CODE:** G401  
**DURATION:** BSc Hons 4 years BSc Hons (Sandwich) 5 years  
**CAMPUS:** Dumfries<sup>3</sup>, Lanarkshire, Paisley  
**CONTACT:** Dr Miriam Birch  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



BCS

Educational Affiliate



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.

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<sup>4</sup> – conditions apply, for full details see our website.

Entry

YEAR 1

**H:** BBBC

**AL:** CCC

**ILC:** H3H3H3H4

**IB:** 24 points (4, 4 at HL)


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.

<sup>3</sup>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.

<sup>4</sup>Subject to re-accreditation approval.

97%

OF STUDENTS IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING<sup>5</sup>



<sup>5</sup>HESA performance indicator 2014/15.

# Engineering Management<sup>6</sup> (2nd Year Entry)

**UCAS CODE:** H703  
**DURATION:** BEng Hons 3 years  
**CAMPUS:** Lanarkshire  
**CONTACT:** Peter Griffin  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)

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 in our state-of-the-art Centre of Engineering Excellence. 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 began 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).

Entry

YEAR 2

**AH:** BCC inc either Maths, a science or a technical based subject

**AL:** BCC inc either Maths, a science or a technical based subject

**IB:** 28 points

**SQA HNC / BTEC Level 4 HNC:** Engineering: Building Services; Engineering Systems; Electronics; Electronic Engineering; Fabrication, Welding and Inspection; Manufacturing Engineering; Mechanical Engineering; Mechanical and Manufacturing Engineering; Construction Management (for SQA awards, including passes in the units Maths for Construction and Structural Mechanics) – (for SQA awards with Grade B in the Graded Unit)

**SQA HND:** Engineering: Mechanical; Mechanical Engineering – (for SQA awards, with Grade B in the Graded Unit)

**BTEC Extended Diploma:** DDM

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

<sup>6</sup>At time of print this course is under review.

“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

**UCAS CODE:** H300  
**DURATION:** BEng Hons 4 years BEng Hons (Sandwich) 4/5 years  
**CAMPUS:** Paisley  
**CONTACT:** Dr Bob Bailey  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



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<sup>7</sup>.

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.

Entry

YEAR 1

**H:** BBBB inc Maths & either Physics or Technological Studies

**AL:** CCC inc Maths & 1 science

**ILC:** H3H3H3H3 inc Maths & either Physics or Engineering or Technology

**IB:** 24 points (4, 4 at HL)


**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) and Year 3 (with an HND with an A 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.

<sup>7</sup>In order to achieve the BEng Honours Sandwich degree students must gain a minimum of thirty six weeks’ work experience – see our website for full details.

93%

OF STUDENTS IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING<sup>8</sup>



<sup>8</sup>HESA performance indicator 2014/15.



# Music Technology

**UCAS CODE:** W350  
**DURATION:** BSc Hons 4 years  
**CAMPUS:** Paisley<sup>1</sup>  
**CONTACT:** Derek Turner  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

**JAMES**  
JOINT AUDIO MEDIA  
EDUCATION SUPPORT



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

You will use modern computer-based equipment for live sound reinforcement, studio and location recording, and production and post-production processing of music and audio for various applications including distribution, multimedia, film, animation, and computer games.

In Year 3 you may be able to participate in a music industry placement in the UK, or abroad in a partner institution such as the Harris Institute in Canada.

Career paths include studio engineer; sound recordist; broadcast engineer; audio editor; sound technician; further and higher education; or AV installation engineer.

Many graduates work as freelancers while some set up their own business.

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

**Entry**

**YEAR 1**  
**H:** BBBC inc 2 of Maths; Music or Music Technology; or Physics, Computer Science or Technological Systems  
**AL:** CCC inc 2 of Maths; Music or Music Technology; or Physics, Computer Science or Technological Systems  
**ILC:** H3H3H3H4 inc Maths & Music plus either Physics or Technology  
**IB:** 24 points (4, 4 at HL)  
**BTEC National Diploma:** Music Technology

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

<sup>1</sup>Delivery of the Music Technology degree is primarily at Paisley Campus; however some option modules may be delivered at Ayr Campus.

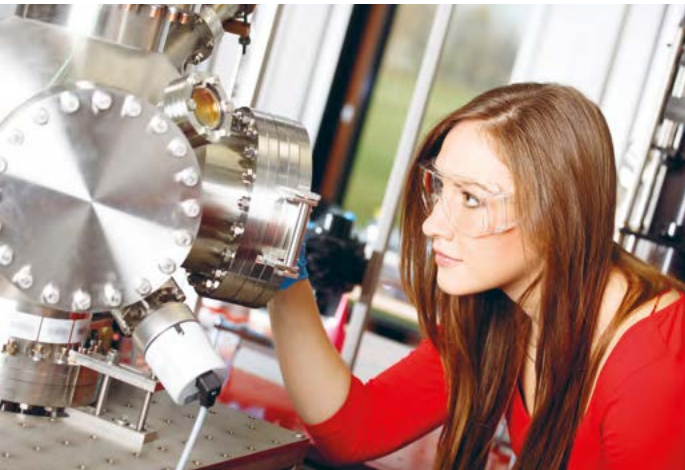
**93%**   
**STUDENT SATISFACTION**  
**NATIONAL STUDENT SURVEY 2015**

# Physics

**UCAS CODE:** F300  
**DURATION:** BSc Hons 4 years  
BSc Hons (Sandwich) 5 years  
**CAMPUS:** Paisley  
**CONTACT:** Dr Klaus Spohr  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

**IOP Institute of Physics**



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.

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:** BBBB inc Maths & Physics  
**AL:** BCC inc Maths or Physics  
**ILC:** H3H3H3H3 inc Maths & Physics  
**IB:** 24 points (4, 4 at HL)

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.

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

The Honours sandwich programme also offers an optional year's paid 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.

# Physics with Nuclear Technology

**UCAS CODE:** F390  
**DURATION:** BSc Hons 4 years  
BSc Hons (Sandwich) 5 years  
**CAMPUS:** Paisley  
**CONTACT:** Professor John F Smith  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

**IOP Institute of Physics**



This degree is designed for students with an interest in nuclear physics and its applications.

Study topics include the core aspects of physics, applied nuclear physics, nuclear imaging and the physics of nuclear reactors, renewable energy and pollution, radiation detection and measurement, nuclear structure and reactions, nuclear medical imaging and research topics in nuclear physics.

Lectures are complemented by practical work where you will learn the general principles of experimental physics.

You may undertake a one-year sandwich placement in industry or a research institution in the UK or Europe.

There is demand for physics graduates and your nuclear technology training enhances your employability to include the nuclear energy sector and nuclear medical imaging. Roles include Nuclear Engineer, Nuclear Safety Consultant, Nuclear Waste Advisor and Radiological Consultant.

The programme is accredited by the Institute of Physics.

**Entry**

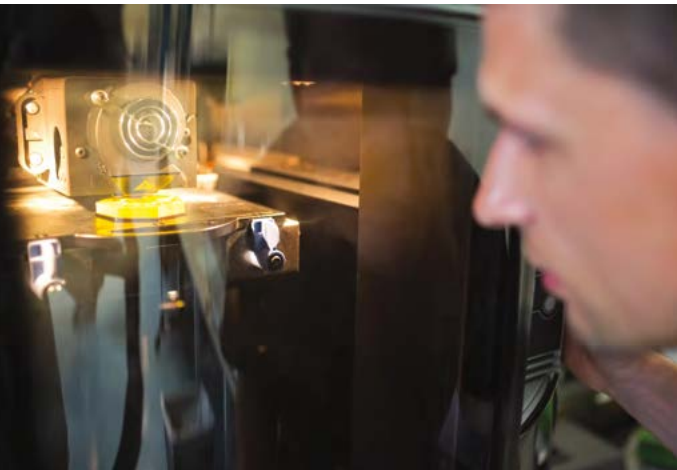
**YEAR 1**  
**H:** BBBB inc Maths & Physics  
**AL:** BCC inc Maths & Physics  
**ILC:** H3H3H3H3 inc Maths & Physics  
**IB:** 24 points (4, 4 at HL)

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.

# Product Design and Development (3rd Year Entry)

**UCAS CODE:** H700  
**DURATION:** BEng Hons 2 years  
BEng Hons (Sandwich) 2/3 years  
**CAMPUS:** Paisley  
**CONTACT:** Dr Bob Bailey  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



This degree addresses the product design, development and supply life-cycle by bringing together the core disciplines of marketing, design (industrial and engineering) and manufacture.

conformity to national and international standards.

Graduates may choose to seek employment with a multinational organisation and use their skills in manufacturing overseas.

Strong emphasis is placed on product quality and cost, as well as on the key aspects of the design and development phase, namely project management, cost and time to market. Group and team-working skills are emphasised. You may opt to take a paid placement within industry at the end of Year 3.

Product design and development specialisation is increasingly in demand by industrial employers, and graduates find employment in various related disciplines in roles such as aesthetic design of products, manufacturing and

**Entry**

**YEAR 3**  
**SQA HND / BTEC Level 5 HND / Foundation Degree:** Product Design; Integrated Product Design; Mechanical Engineering; or relevant discipline (for SQA awards, with Grade B in the Graded Unit)



# Web and Mobile Development

**UCAS CODE:** G450  
**DURATION:** BSc Hons 4 years  
**CAMPUS:** Paisley  
**CONTACT:** Dr Mark Davison  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

**BCS** Educational Affiliate

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<sup>1</sup> – conditions apply, for full details see our website.

**Entry**

**YEAR 1**  
**H:** BBBC  
**AL:** CCC  
**ILC:** H3H3H3  
**IB:** 24 points (4, 4 at HL)

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

<sup>1</sup>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

**95%**

**OF STUDENTS IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING<sup>2</sup>**

<sup>2</sup>HESA performance indicator 2014/15.





Selected programmes  
recognised by  
professional bodies



Study abroad options



Selected programmes  
offer work-related  
learning and placement



Programmes underpinned  
by internationally excellent/  
world-class research

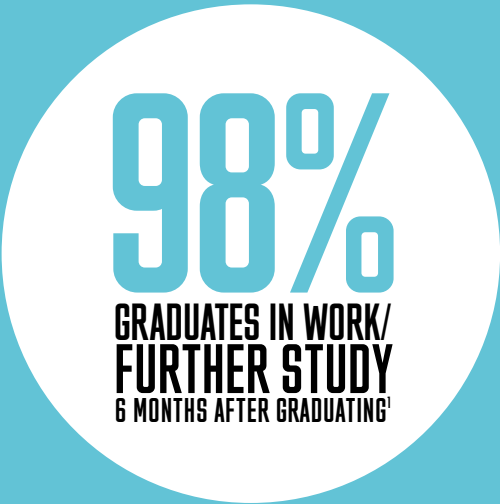


Our Integrated Health and Social  
Care programme came top in the  
UK for overall student satisfaction  
with 100% in 2015



Our Midwifery programme  
is accredited by UNICEF  
as Baby Friendly

# School of Health, Nursing & Midwifery



<sup>1</sup>HESA performance indicator 2014/15.

## Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b> Irish Leaving	<b>IB</b> International
<b>AH</b>	Advanced Higher	<b>Certificate:</b>	<b>Baccalaureate Diploma:</b>
<b>SG</b>	Standard Grade	<b>HL</b> Honours Level	<b>HL</b> Higher Level
<b>Int2</b>	Intermediate 2	<b>OL</b> Ordinary Level	<b>SL</b> Standard Level
<b>Nat5</b>	National 5		
<b>AL</b>	GCE A-Levels		

## Entry requirements

Additional minimum entry criteria  
applies to many of our programmes  
on top of those listed in course entries  
– see page 138 for details.

## Portfolio review

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

UWS is the largest provider of nurse  
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.

## Section contents

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OUR PROGRAMMES



Partnerships with five local NHS health boards.



Communication skills development for working with older and younger patients.



Hands-on experience working in virtual ward situations.



Focus on early years health education & preventative medicine, in line with government plans.

# Health, Nursing & Midwifery

UWS is the largest provider of nurse education in Scotland, with approximately 4,000 full and part-time students. You'll benefit from practical hands-on experience in our state-of-the-art campus skills labs and gain experience in a range of health and social care settings.

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. In a first for the Scottish university sector, we have established A Community Orientated Resource for Nursing (ACORN) where students can practice within a simulated primary care environment.

Lanarkshire 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.

KuraCloud

We have also invested in KuraCloud, an eLearning platform to enhance student learning.

**Active learning:** Study real life patient cases with a range of multimedia and interactive question types to make learning more engaging. Experience videos, audio, images and activities that take learning beyond what a textbook can offer.

**Revise in one place:** You can revisit completed lessons, and reports from each lesson to easily see your notes and grades from the first time you completed them.

63% OF ALLIED HEALTH PROFESSIONS, DENTISTRY, NURSING AND PHARMACY SUBMISSION JUDGED WORLD-LEADING/INTERNATIONALLY EXCELLENT<sup>1</sup>



<sup>1</sup>Research Excellence Framework 2014.

Teaching innovation

- We have gained national recognition for our work:
- 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
  - Winner of the *Royal College of Midwives Award* for good practice in the *Supervisor of Midwives* category
  - Shortlisted in the *Patient Safety* category of the *BMJ Awards 2015*, for the development of an innovative Sepsis Screening Tool app

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

PRACTICAL EXPERIENCE

In Adult Nursing, Mental Health Nursing and Midwifery programmes.



50:50

Split between classroom and live care situations.



When working, students are allocated a qualified nurse as a personal mentor.



Experience different health care systems with European work placements.

Features

## Ayrshire and Ardgowan Hospices link-up

Classed as Scotland's first university teaching hospices, nursing students, staff and researchers are involved in ground-breaking work on palliative and end-of-life care. UWS aims to help improve the lives of people with life-limiting illness, their families, partners and carers – and give nursing students first hand experience of this vital work.

Read the full story: [uws.ac.uk/insights](https://uws.ac.uk/insights)



From left: Anne Mills, Chief Executive of Ardgowan Hospice; Emilia Fox, actress and hospice patron; and Professor Paul Martin, Depute Principal of UWS



## FIT for purpose

Staff and student nurses at UWS are 'learning it and living it' as they do their bit to get FIT. The Fitness Intervention Taskforce (FIT) is helping staff, students and patients to stay active and healthy. With physical inactivity rated as the fourth leading risk factor for mortality globally, the FIT

scheme aims to embed exercise into all our daily lives. In practice, that means health, nursing and midwifery students from UWS encouraging their peers, patients and community to build exercise into their everyday routine.

Read the full story: [uws.ac.uk/insights](https://uws.ac.uk/insights)

## Family Health Nursing Project



UWS has led a Europe-wide, EU-funded, study into the provision of family health nursing. The World Health Organisation has been keen to see the introduction of a new class of Family Health Nurse, who would be ideally placed to support families at times of illness and dealing with chronic conditions.

Read the full story: [uws.ac.uk/insights](https://uws.ac.uk/insights)

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](https://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](https://saas.gov.uk)

Applicants to programmes at London Campus should visit [gov.uk/student-finance](https://gov.uk/student-finance)

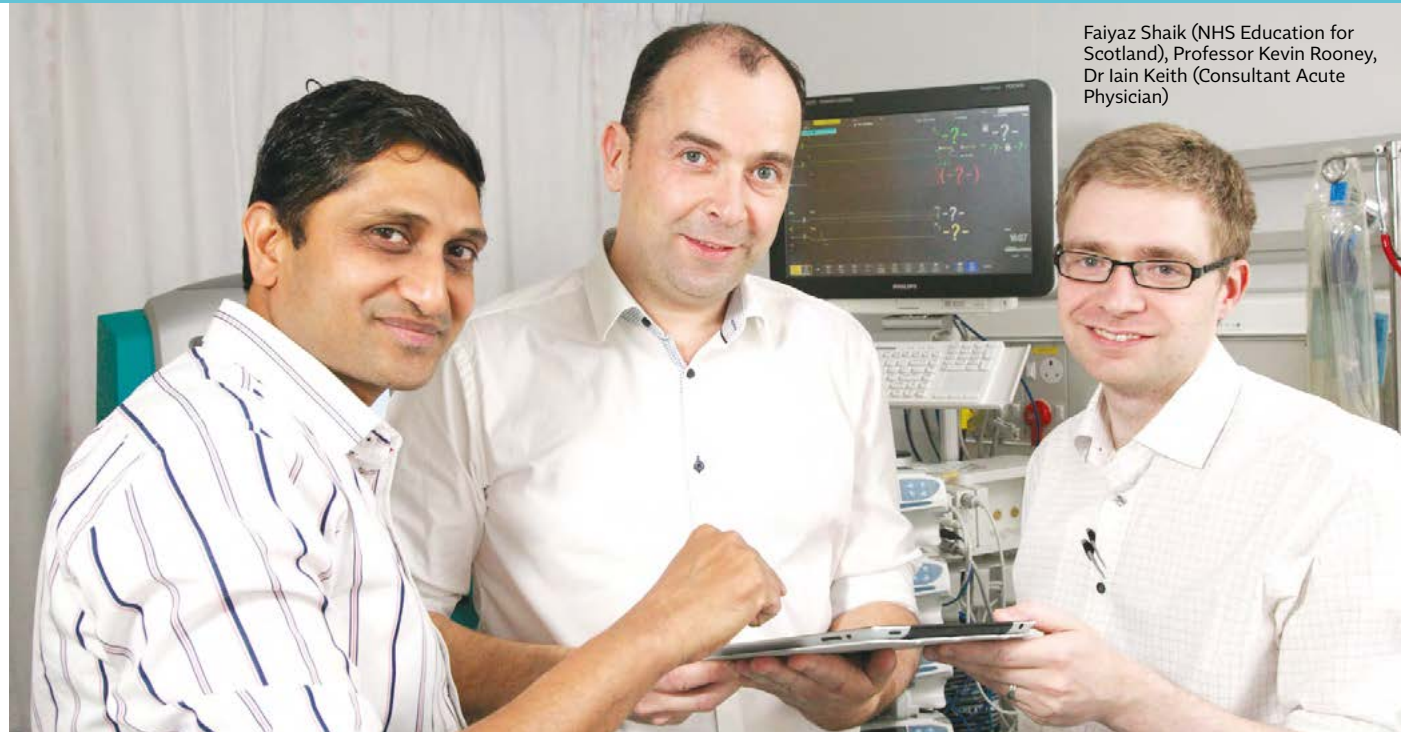
Professional recognition

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.

More details [uws.ac.uk/hnm](https://uws.ac.uk/hnm)







Faiyaz Shaik (NHS Education for Scotland), Professor Kevin Rooney, Dr Iain Keith (Consultant Acute Physician)

## UWS app is a life-saver

Kevin Rooney, Professor of Care Improvement in the School of Health, Nursing & Midwifery, 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. Professor Rooney says the app could not have been developed without the support of his medical and UWS colleagues.

**"My hospital work informs my teaching at UWS, and, in turn, my teaching informs my work."**



# Insight

Staff

58,000

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

Workforce



Graduate numbers are regulated to match workforce demand.

Workplace



Nurses are moving from hospitals into communities and homes.

School of Health, Nursing &amp; Midwifery

## A PRESCRIPTION FOR SUCCESS

UWS works with both the Scottish Government and local health boards to ensure the country has the correct amount of qualified professionals.

There are currently more than 136,000 full-time staff in NHS Scotland, with 58,000 employed in nursing and midwifery. Since 2006, this group has seen the biggest increase in staff.<sup>2</sup>

Scotland's nursing workforce is ageing, with many staff, particularly health visitors, district nurses and midwives, due to retire over 5-10 years, opening up a whole range of job opportunities.<sup>2</sup>



The Scottish-Government backed **One Year Job Guarantee** scheme for nurses and midwives often turn into permanent jobs.<sup>3</sup>

Rocio Mora-Valverde

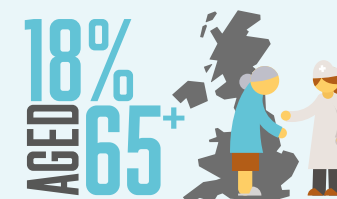


### Changing landscape

The healthcare landscape in Scotland is changing, with more staff working outwith the traditional hospital environment and into the community and homes of patients. An integrated health and social welfare system underpins this and UWS is one of the first universities to develop a degree programme (Integrated Health and Social Care/Integrated Health and Social Care with Administration) to prepare those working in the public, private and third sectors to support this.

The changing face of community medicine has seen the creation of nurse practitioners; highly-qualified professionals who carry out a range of medical testing and monitoring, with increased responsibilities in GP practices.

With the UK's ageing population (18% aged 65+) and advances in care technology and health monitoring, the role of nurses and care professionals is changing. There will be an increased demand for specialism in elderly care and UWS staff are leading the way in research into the treatment and care of dementia sufferers. The government has an increasing focus on preventative medicine, resulting in increasing job opportunities in the fields of school and community nursing.



### Student profile

## Rocio Mora-Valverde

**Programme**  
Adult Nursing

Rocio Mora-Valverde from Spain is in the second 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 the '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."

LEARN IT

Adult Nursing

p.78

£29,000

The average salary earned by registered nurses in Scotland.<sup>4</sup>

<sup>2</sup>STV News, 2015

<sup>3</sup>NHS Education for Scotland

<sup>4</sup>totaljobs.com



# Adult Nursing

**UCAS CODE:** B740  
**DURATION:** BSc 3 years  
**CAMPUS:** Ayr, Dumfries, Lanarkshire, Paisley  
**CONTACT:** Course Enquiries Team  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

This degree will equip you with the skills to practice as an Adult Nurse within a variety of healthcare settings.

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.

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 specialist nurse, hospital-based, community or school nurse or health visitor.

“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

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)

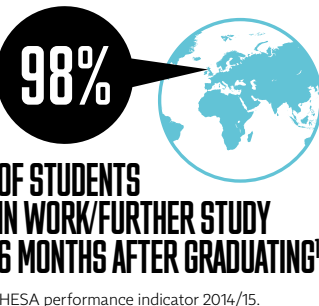
Depending on your field, you can opt to work as a Registered Nurse in the UK, other EU countries and in Canada and Australasia.

**Entry**  
**YEAR 1**  
**H:** BBC (or BC plus UWS ‘First Steps to Nursing’ module) plus English and Maths at Nat 5/Int 2/SG (2 or above) or equivalent  
**AL:** BC plus GCSEs English Language, English Literature and Maths  
**ILC:** H3H3H4 plus OL English and Maths  
**Scottish Wider Access Programme:** Access to Nursing: BBB  
**SQA HNC / BTEC Level 4 HNC:** Healthcare or Social Care preferred although any HNC will be considered  
**FETAC:** Complete and pass Level 5

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

A numeracy test will be available for 2017 intake if Maths/Numeracy is not evident on application.

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



# Mental Health Nursing

**UCAS CODE:** B760  
**DURATION:** BSc 3 years  
**CAMPUS:** Ayr, Dumfries, Lanarkshire, Paisley  
**CONTACT:** Course Enquiries Team  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

This degree 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.

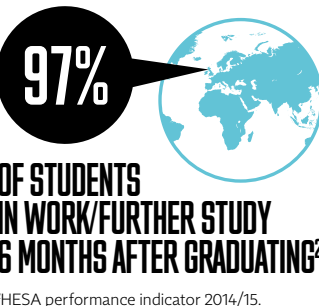
Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)

**Entry**  
**YEAR 1**  
**H:** BBC (or BC plus UWS ‘First Steps to Nursing’ module) plus English and Maths at Nat 5/Int 2/SG (2 or above) or equivalent  
**AL:** BC plus GCSEs English Language, English Literature and Maths  
**ILC:** H3H3H4 plus OL English and Maths  
**Scottish Wider Access Programme:** Access to Nursing: BBB  
**SQA HNC / BTEC Level 4 HNC:** Healthcare or Social Care preferred although any HNC will be considered  
**FETAC:** Complete and pass Level 5

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

A numeracy test will be available for 2017 intake if Maths/Numeracy is not evident on application.

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



# Midwifery

**UCAS CODE:** B720  
**DURATION:** BSc 3 years  
**CAMPUS:** Lanarkshire, Paisley  
**CONTACT:** Course Enquiries Team  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

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.

“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

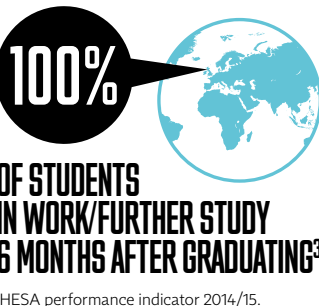
Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)

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.

**Entry**  
**YEAR 1**  
**H:** BBBB inc English & preferably a science plus English and Maths at Nat 5/Int 2/SG (2 or above) or equivalent  
**AL:** CCC preferably inc a science plus GCSEs English Language, English Literature and Maths  
**ILC:** H3H3H3H4 plus OL English and Maths  
**SQA HNC / BTEC Level 4 HNC:** Healthcare or Social Care preferred although any relevant HNC will be considered, plus 1 H/AL at Grade B or above  
**SQA HND / BTEC Level 5 HND:** Healthcare; Social Care; Care & Administrative Practice; or relevant discipline  
**FETAC:** Complete and pass Level 5, with 5 modules at distinction

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



# Integrated Health and Social Care / Integrated Health and Social Care with Administration (2nd Year Entry)

**UCAS CODE:** L430/L431  
**DURATION:** BA Hons 3 years  
**CAMPUS:** Paisley  
**CONTACT:** Course Enquiries Team  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk



This degree is designed for those who wish to build a career within the integrated public, private and third sectors. It will open up career paths in a range of diverse areas, including roles within integrated teams, charity fundraising manager, mental health support worker and youth worker.

The programme will develop your ability to provide care or administrative services and develop your awareness that employees across the sector need to work collaboratively to provide seamless, person-centred services. You will undertake work-related learning in an area you are currently employed or volunteer in.<sup>4</sup>

Graduates will find employment opportunities within organisations such as local councils, health boards,

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)

other local and national government agencies, charities and social enterprises.

**Entry**  
**Integrated Health and Social Care**  
**YEAR 2**  
**SQA HNC-D or BTEC Level 4-5 HNC-D:** Social Care; Care & Administrative Practice (Clinical route); Working with Communities; Counselling; Early Education and Childcare; or relevant other disciplines

**Integrated Health and Social Care with Administration**  
**YEAR 2**  
**SQA HNC-D or BTEC Level 4-5 HNC-D:** Administration and Information Technology; Care & Administrative Practice (Non Clinical / Admin route); or relevant other disciplines

Depending upon your qualification you may have to complete the UWS First Steps to Integrated Health and Social Care module, which is delivered between June and August through a blend of online and face-to-face learning.

NB: A part-time option is available for this programme.

<sup>4</sup>It is the responsibility of the student to secure a volunteering role in a relevant area.





# Nursing Studies

(3rd Year Entry)

**UCAS CODE:** BB70  
**DURATION:** BSc Hons 2 years  
**CAMPUS:** London, online  
**CONTACT:** Brian Johnston  
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/ug2017](https://uws.ac.uk/ug2017)



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)

**UCAS CODE:** L5T3  
**DURATION:** BSc Hons 2 years  
**CAMPUS:** London, Paisley<sup>1</sup>  
**CONTACT:** Elaine Stevens  
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

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



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](mailto:ask@uws.ac.uk) for more info.

Please note: There are intakes to this programme at Paisley Campus in September, January and May. At London Campus the programme operates on an eight-week rolling cycle of delivery. Contact the Programme Leader for further information.

<sup>1</sup>There is a part-time option available at Paisley Campus which is studied mostly online.







Selected programmes  
recognised by  
professional bodies



Study abroad options



Selected programmes  
offer work-related  
learning and placement



Programmes underpinned  
by internationally excellent/  
world-class research



Working with international  
organisation Oxfam to fight  
poverty and inequality

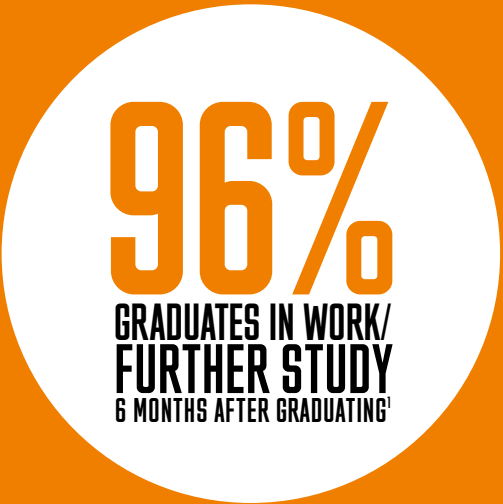


Celebrating 50 years of delivering  
social science education in the  
west of Scotland



Our media and culture graduates  
have some of the highest  
employment rates across Scotland

# School of Media, Culture & Society



<sup>1</sup>HESA performance indicator 2014/15.

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b> Irish Leaving Certificate:	<b>IB</b> International Baccalaureate Diploma:
<b>AH</b>	Advanced Higher	<b>HL</b> Honours Level	<b>HL</b> Higher Level
<b>SG</b>	Standard Grade	<b>OL</b> Ordinary Level	<b>SL</b> Standard Level
<b>Int2</b>	Intermediate 2		
<b>Nat5</b>	National 5		
<b>AL</b>	GCE A-Levels		

### Advanced entry options

Each programme descriptor on the following pages provides the entry requirements for the first possible access point to the course. Advanced entry is available on the majority of our programmes and this is highlighted where this is possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may give

entry beyond Year 1 of related UWS courses, while our strong links with colleges provide access to Years 2 or 3 of some degree programmes, with HNC or HND qualifications respectively. The entry requirements for these advanced entry points can be found in full on our website – for details visit [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

### Entry requirements

Additional minimum entry criteria applies to many of our programmes on top of those listed in course entries – see page 138 for details.

### Portfolio review

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

The School of Media, Culture & Society offers a wide range of innovative and dynamic programmes which develop key skills in creativity, critical and analytical thinking, and enterprise.

Section contents	
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Commercial Music	90
Commercial Sound Production	91
Criminal Justice	91
Digital Art & Design	92
Filmmaking and Screen Writing	92
Journalism / Journalism (Sport)	93
Performance / Performance (Contemporary Theatre / Musical Theatre / Screen Acting)	93
Psychology	94
Social Work	94
Society, Politics and Policy	95
Technical Theatre	95



PROFESSIONAL RECOGNITION

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



PRACTICAL EXPERIENCE

Our students have worked with a variety of well-known organisations.



Media & Culture

With state-of-the-art facilities, industry input, practical experience and professional recognition – media and culture programmes at UWS are geared towards meeting the demands of the sector to give you the skills to succeed.

The School leads UWS's Creative Media Academy – one of only three Creative Skillset Academies in Scotland – an industry accredited network of excellence.

Our programmes

- Practice-led programmes that reflect current industry best practice, supported by first-class facilities
- Accredited by Creative Skillset, the Sector Skills Council for creative media and other professional bodies such as Broadcast Journalism Training Council, Drama UK and JAMES
- 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). Through our presence in Glasgow's Creative Clyde we are co-located with some of the largest media employers in Scotland – ideal for networking, collaboration and professional development – and with major international media businesses, microenterprises and independent practitioners.

Our Technical Theatre (page 95) students also benefit from our partnership with the Gaiety Theatre in Ayr. Together we launched Scotland's first Learning Theatre in September 2014, creating a centre for education, training and research in the area of performance and theatre craft.

Students benefit from working alongside theatre professionals in the live theatre environment.

The School also enjoys partnerships with Sony, AVID, BASCA and the Scottish Drama Training Network.

Find out more about how our students are benefiting from our partnership with St Mirren FC on page 18.

100% OF IMPACT CASE STUDIES IN COMMUNICATION, CULTURAL AND MEDIA STUDIES JUDGED WORLD CLASS/ INTERNATIONALLY EXCELLENT<sup>1</sup>

<sup>1</sup>In the Research Excellence Framework 2014.

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.

As well as those listed above, our students have also worked with:

- Film City Glasgow
- CCA Glasgow
- community projects from across the region
- a range of local and community radio stations
- Pinewood Studios
- 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
- two, three-camera TV studios
- four comprehensively equipped radio studios
- six music rehearsal rooms kitted out with a range of equipment
- four recording studios equipped with AVID ProTools recording equipment
- four computer labs with Apple Macintosh computers equipped with software and accessories for video, audio, radio, music and art
- the UWS student radio station, broadcasting to FM, and on DAB to a potential audience of 300,000 across the west of Scotland

Showcase your work

An annual end of year show gives you the chance to showcase your work to peer groups and potential employers – an ideal opportunity to network and build key contacts.

For more info visit: [uws.ac.uk/showcase](http://uws.ac.uk/showcase)

More details [uws.ac.uk/mcs](http://uws.ac.uk/mcs)

Feature

Creative Media Academy

Our Creative Media Academy (CMA), run by Professor of Media Practice, Dr 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.

Read more about this and our Creative Wednesday masterclasses on page 15.



Related

Virtual Reality: Immersive Journalism

UWS Digital Art and Design, Journalism and Filmmaking and Screen Writing students are getting ready to make your head spin with their first 360 degree virtual reality film. The UWS film, a first for any Scottish university, will employ virtual reality headsets to give viewers a truly interactive and immersive movie experience, surrounding them in a world of visual stimulation.

Read the full story: [uws.ac.uk/insights](http://uws.ac.uk/insights)

View UWS's interactive digital platform: [uws.io](http://uws.io)



STV News live from Ayr Campus

Thanks to our recent partnership with Scottish Television (STV), our students will soon be able to gain live television experience delivering local TV services to Ayr. The broadcaster has set up its studio next door to our own campus newsroom, giving students opportunities for professional training, internships and increased employability.

STV Ayr is scheduled to go live in 2017.

Read the full story: [uws.ac.uk/insights](http://uws.ac.uk/insights)

Digital Paisley

Paisley, once world famed for its thread making and weaving, is ready to roll out a new, £25,000 digital art project. The UWS Creative Media Academy has joined forces with New Media Scotland's Alt-w Fund to commission Bournemouth-based digital designers boredomresearch to create unique Paisley patterns for every person on the planet – that was 7.3 billion people at last count!

Read the full story: [uws.ac.uk/insights](http://uws.ac.uk/insights)



PROFESSIONAL RECOGNITION

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



The British Psychological Society Accredited



Scottish Social Services Council

EMPLOYER LINKS

We work with a range of employers and professional bodies.



The Scottish Government



NSPCC



OXFAM

Social Sciences

Our programmes represent a wide range of the key social science areas, with a distinctive blend of research-led teaching combining discipline knowledge and expertise with professional education and practice which draws upon our high-quality applied research.

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 and we offer degree programmes in Criminal Justice, Psychology, 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.

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.

Partnership with Oxfam Scotland

Bringing together UWS academic expertise, Oxfam's internationally recognised anti-poverty work and wide-ranging contributions from UWS students and collaborating partners, we are delivering vital research, shaping policy and strategy, challenging prevailing economic models and making a real difference to our communities.



WORLD-LEADING AND INTERNATIONALLY EXCELLENT RESEARCH AS PART OF THE COMMUNICATION, CULTURAL AND MEDIA STUDIES, LIBRARY AND INFORMATION MANAGEMENT SUBMISSION<sup>1</sup>

Working with Oxfam's community partners, we are gathering first-hand experience of poverty and inequality, of newly-emerging problems and trends, and of the work of community organisations. Our students, too, are playing their part as volunteers and through placement with partner organisations.

Read the full story on page 30.

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.

More details  
uws.ac.uk/mcs



Feature

Award-winning social work at UWS

John Sturgeon has been inspiring his Social Work students at UWS Dumfries Campus for five years. Before that he was a Social Worker for 21 years, so he knows exactly what skills his students need for their careers.

“Everything you experience at university – dealing with admin, interacting with lecturers and going out on placements – I use all of that to prepare students for the world of work. I focus on using technology, and I encourage student to student learning at every stage. So my fourth years come and teach my third years, and third years share experience with second years – it creates a very powerful learning environment,” he says.

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.

Katie Armstrong, his student, also won an award that night – picking up 'Social Work Student of the Year' for her creative approach to her Social Work placements.

So what's Katie's experience of the programme at UWS? “The lectures are so stimulating,” she says. “It's all so interactive – there's always something new that comes up. John keeps you on your toes, and there are loads of guest speakers who come in all the time.”

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. And if the awards are anything to go by, he's making sure his students are going to be brilliant at what they do.

Read the full story:  
[uws.ac.uk/insights](https://uws.ac.uk/insights)

“I encourage student to student learning at every stage... it creates a very powerful learning environment.”

Get creative

Student Katie Armstrong wrote a children's book with a cartoon character 'GIRFEC', which is used to help young children explore their understanding of the world, as part of the course – it's now published and used across the country.

Award-winning lecturer

John Sturgeon was named Social Work Lecturer of the Year in 2016.



<sup>1</sup>Research Excellence Framework 2014.



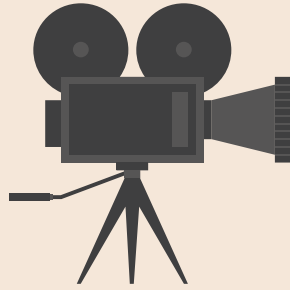


# Insight

## Media, Culture & Society



### PUTTING YOU IN THE PICTURE



78%

(and growing) of creative media workforce are now graduates.<sup>1</sup>

11.8% RISE

from 2011-2013, in number of TV, film and radio related jobs in UK.<sup>2</sup>

117,000 JOBS

in UK music industry in 2014.<sup>3</sup>

GLASGOW

is at the heart of TV, film and commercial production in Scotland, with a cluster of big players at Pacific Quay Digital Media Quarter.

WOMEN

make up 39% of the workforce in TV, film and radio.<sup>4</sup>

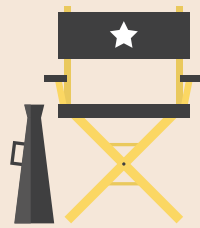


<sup>1</sup> Creative Skillset Workforce Survey 2014.

<sup>2</sup> Creative Industries Economic Estimates 2015.

<sup>3</sup> ukmusic.org

<sup>4</sup> thecreativeindustries.co.uk



### AWARD-WINNING GRADUATES

Three UWS alumni nominated in BAFTA Scotland New Talent Awards 2016



#### Alumni profile

#### Charley Lines-Sutton

**Programme**  
Broadcast Production:  
TV & Radio

**Career**  
Production Coordinator,  
QTV Sports

"I handed in my last assignment at University on Monday, and went to work as a trainee production coordinator on Tuesday," says Charley. She started working with QTV Sports on a placement in her fourth year at UWS, and impressed the CEO Jack McGill so much that he wanted to employ Charley out of uni.

How did UWS prepare her for a career in broadcasting? "Everything was focused on the industry," says Charley. "The campus is so modern – with the studio and the kit – it's the kind of place where if you want to try things out

you just ask someone and they'll help you."

There were plenty of opportunities for work experience – especially because Paul Tucker, the Programme Leader, knew what she wanted to do. He has lots of contacts, says Charley, "And every time they needed someone to help with production, he'd send an email saying 'here's another one.'"

"I knew I wanted to be a production manager, and the TV production modules included lots of pre-production paperwork, which is my job now. I put together budget for production, organise all the kit, crew, travel, and accommodation," she says. Charley is due to move to STV Creative as a freelance Production Coordinator/Junior Producer.

LEARN IT

BA (Hons) Broadcast  
Production: TV & Radio p.90



### COMBINING CREATIVITY & SOCIAL SCIENCE

Our School is where the creative and cultural industries meet the social sciences. Operating in the space where the two overlap, we empower our students and graduates to drive social and cultural change.

School of Media, Culture & Society



### GET CONNECTED

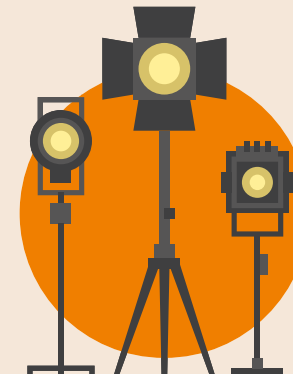
56%

Percentage of current creative media workforce employed through informal networks.<sup>1</sup>

The School is well-connected to industry (e.g. BBC, Sky TV) and UWS's teaching staff are all active practitioners in their professional fields, with contacts in film, TV, music and theatre, putting students in a strong position on graduation.

30%

Percentage of media sector working as freelancers and this figure is growing. UWS courses equip students with the commercial and soft skills needed to launch and manage freelance careers.<sup>1</sup>



### MEASURING, UNDERSTANDING AND SHAPING SOCIETY

Social science degrees encourage the skills and analysis interpretation employers need – the ability to:

- understand, analyse and evaluate complex data
- question assumptions
- understand people, institutions and their relationships
- communicate concisely<sup>5</sup>

#### The key to many careers

Degrees in social sciences can lead to careers in law, academia, marketing, policy planning and careers guidance across public, private and third sectors.<sup>5</sup>

#### Social Work

A graduate can expect an average starting salary of

£29-32K<sup>6</sup>

1 in 10 people in Scotland have symptoms of depression or anxiety<sup>7</sup> with mental health high on the government agenda. Social workers will play a key role in mental health support.<sup>8</sup>

#### Psychology

There are a number of different career specialisms:<sup>9</sup>

- Counselling
- Educational
- Forensic
- Further education
- Occupational
- Sport and exercise

Read more at [careers.bps.org.uk](http://careers.bps.org.uk)

The integration of health and social care in Scotland could see you working closely with therapists, nurses and home care workers.



<sup>5</sup> Campaign for Social Science.

<sup>6</sup> A Career in Social Services – Scottish Social Services Council.

<sup>7</sup> Mentalhealth.org.uk

<sup>8</sup> Mental Health Strategy for Scotland: 2012-15.

<sup>9</sup> Prospects.ac.uk



# Broadcast Production: TV & Radio

UCAS CODE: P391

DURATION: BA Hons 4 years

CAMPUS: Ayr

CONTACT: Paul Tucker  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



National broadcasters, such as the BBC and a range of media companies at home and abroad, have employed UWS graduates.

This programme is professionally accredited by Creative Skillset, having undergone a rigorous assessment process conducted by industry experts.

## Entry

### YEAR 1

**H:** BBBC inc English or relevant alternative at Grade B

**AL:** CCC inc English or relevant alternative

**ILC:** H3H3H3H4 inc English or relevant alternative at H3

**IB:** 24 point (4, 4 at HL)

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.

Combining theory and practice, this programme, which is tailored to the current broadcasting industry, will teach you how to make and understand television, radio and other digital media.

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.

UWS graduates will be well-prepared for entering the dynamic media and creative industries.

# Commercial Music

UCAS CODE: W340

DURATION: BA Hons 4 years

CAMPUS: Ayr

CONTACT: Allan Dumbreck  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



UWS graduates work as record company scouts, promoters, tour managers, sound engineers, producers and performing and recording artists.

BA (Hons) Commercial Music is part of the UWS Creative Skillset Media Academy, is an Avid Authorised Training Partner and has JAMES accreditation.

## Entry

### YEAR 1

**H:** BBBC inc English or relevant alternative

**AL:** CCC inc English or relevant alternative

**ILC:** H3H3H3H4 inc English or relevant alternative

**IB:** 24 points (4, 4 at HL)

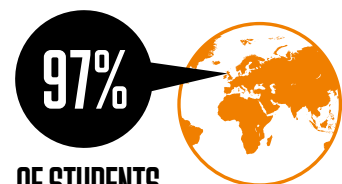
Direct entry to Year 2 (with an HNC) and Year 3 (with an HND) may be possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.

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

This programme will enable talented individuals to forge careers in music promotion, tour management, sound engineering and production.

Developed in response to industry requirements, the focus is on a rapidly developing modern music business and opportunities brought about by new media. Lecturers are practising music industry professionals and guest speakers have included Shirley Manson and Ricky Ross.

A work-related learning module provides opportunities to gain experience in a relevant organisation or company. Project work, including record releases and performance events, will be staged regularly.



<sup>1</sup>HESA performance indicator 2014/15.

# Commercial Sound Production (3rd Year Entry)

UCAS CODE: JP30

DURATION: BA 1 year

CAMPUS: New College  
Lanarkshire<sup>2</sup> (Cumbernauld Campus)

CONTACT: Paul McGeechan  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



This programme will enable talented individuals with an interest in music to build a career producing music for radio, film, TV and computer games.

It combines business study with modules in production 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.

<sup>2</sup>Some classes may be delivered off campus, at our creative hub in Glasgow's CCA and Paisley Campus.

# Criminal Justice

UCAS CODE: M211

DURATION: BA Hons 4 years

CAMPUS: Lanarkshire or Paisley<sup>3</sup>

CONTACT: Geraldine O'Donnell  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



Graduates will also find opportunities in restorative justice and mediation, community safety and working with offenders, victims and witnesses. The private security industry has a demand for managers with a knowledge of the criminal justice system particularly focusing on fraud detection and internet crime.

## Entry

### YEAR 1

**H:** BBBC inc English or relevant alternative

**AL:** CCC inc English or relevant alternative

**ILC:** H3H3H3H4 inc English or relevant alternative

**IB:** 24 points (4, 4 at HL)

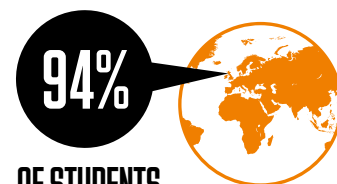
**SQA HNC:** Social Science; Social Studies

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.

The way society and governments deal with crime is a high-profile issue. This degree, the only one of its kind in Scotland, will prepare you for employment in the police and prison service, criminal courts and the fiscal service in roles such as general administration and management.

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

You may undertake a two-week exchange programme at our partner universities in the US. Study abroad opportunities in the EU are available.



<sup>4</sup>HESA performance indicator 2014/15.



# Digital Art and Design<sup>1</sup> (3rd Year Entry)

**UCAS CODE:** W290  
**DURATION:** BA Hons 2 years  
**CAMPUS:** Ayr  
**CONTACT:** Robert Sutter  
 01292 886 477 or  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course  
 content available at  
[uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



Digital portrait by Alice Girard Segaud,  
 Digital Art student.

The Digital Art and Design degree explores cross-media art and design theory and practice, interactive digital media, time-based art and 2D and 3D moving image production.

You will develop cross-media digital content, video and motion-graphics and study contemporary digital art and design practice using industry-standard facilities on our Ayr Campus which include cutting-edge digital art labs and production studios.

Study abroad opportunities are available. You can also participate in an International Design Camp based in Ayr and Berlin. A work-related learning module is core to this programme.

Careers exist in interactive media, film, television, graphic and comic book design, computer games design, publishing, education and community arts.

Previous UWS Digital Art graduates have gained employment with Apple, BBC Scotland and the NHS; while others work as freelance illustrators, artists and designers, or with community arts and education organisations.

Recent graduates have also progressed to postgraduate study including the MA: Creative Media Practice at UWS and the MSc: Medical Visualisation and Human Anatomy at the Digital Design Studio of Glasgow School of Art.

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

Applicants will be invited for interview and assessed on their portfolio of artwork.

<sup>1</sup>Programme offered subject to final University approval.

# Filmmaking and Screen Writing

**UCAS CODE:** WW68  
**DURATION:** BA Hons 4 years  
**CAMPUS:** Ayr  
**CONTACT:** Andrew Jarvis  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course  
 content available at  
[uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



This programme gives you the chance to make your own films and write scripts whilst studying classic and cult films from around the world.

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 post-production techniques.

Modules are taught by industry professionals and you will use the latest digital film technology, television studios, and performance spaces. Guest lectures and workshops are available. Work-related learning is offered in Year 3.

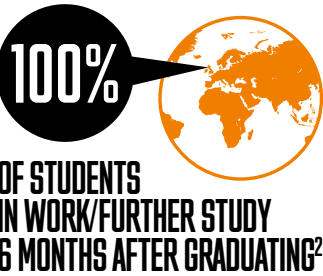
UWS graduates work as directors, camera operators and editors. In addition to film and television production, graduates also work in journalism, marketing and management.

This programme is professionally accredited by Creative Skillset.

**Entry**  
**YEAR 1**  
**H:** BBBC inc English or relevant alternative at Grade B  
**AL:** CCC inc English or relevant alternative  
**ILC:** H3H3H3H4 inc English or relevant alternative  
**IB:** 24 points (4, 4 at HL)

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.



<sup>2</sup>HESA performance indicator 2014/15.

# Journalism / Journalism (Sport)

**UCAS CODE:** P500  
**DURATION:** BA Hons 4 years  
**CAMPUS:** Ayr  
**CONTACT:** Margaret Hughes  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course  
 content available at  
[uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



This degree equips you with the professional abilities and practical skills that journalists require.

You will learn general reporting, interviewing and writing skills to prepare you for the demands of the multi-platform news environment; and will develop knowledge of national and local government, international relations, and civil and criminal law relating to the media.

Work placement opportunities in newspaper, magazine, broadcast or online news environments are available. You will create a portfolio of work and establish professional contacts.

An option of specialising in Sports Journalism is offered – see our website for details.

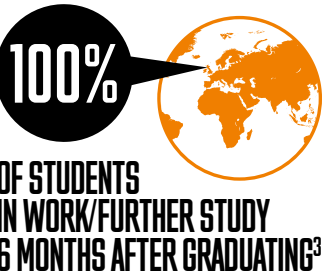
Graduates are equipped to work in newsrooms and will have the essential skills to compete within a multimedia environment.

The programme is accredited by the Broadcast Journalism Training Council – for full details see our website.

**Entry**  
**YEAR 1**  
**H:** BBBC inc English  
**AL:** CCC inc English  
**ILC:** H3H3H3H4 inc English  
**IB:** 24 points (4, 4 at HL)

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 required to submit a portfolio reflecting their journalistic style.



<sup>3</sup>HESA performance indicator 2014/15.

# Performance / Performance (Contemporary Theatre / Musical Theatre / Screen Acting) (3rd Year Entry)

**UCAS CODE:** W400  
**DURATION:** BA Hons 2 years  
**CAMPUS:** Ayr  
**CONTACT:** Jane Robertson  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course  
 content available at  
[uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



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 scriptwriting, 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, 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.

UWS degree programmes are among the first in the UK to be recognised by Drama UK – a new level of quality assurance for drama training providers.

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

All applicants will be expected to attend an interview and audition. Degree/diploma qualifications in an unrelated subject accompanied by professional theatre experience will be considered.



# Psychology

**UCAS CODE:** C800  
**DURATION:** BSc Hons 4 years  
**CAMPUS:** Paisley  
**CONTACT:** Lynn Williams  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



This degree will develop your understanding of how and why people act in the way that they do. You will gain a scientific understanding of the mind, brain and behaviour and apply this to real-world settings.

You can study topics such as psychology and mental health, educational psychology, health psychology, and atypical child development. Modules in third and fourth year allow you relate learning to the workplace.

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.

Through postgraduate study you can pursue a career as a chartered psychologist. Popular areas include clinical, educational, forensic, health and organisational psychology. At the same time, many Psychology graduates draw on the range of transferable skills they have gained to develop careers in a variety of other sectors, such as business and management, education and human resources, or pursue postgraduate research opportunities.

The BSc (Hons) Psychology degree is accredited by the British Psychological Society - for full details see our website.

**Entry**  
**YEAR 1**  
**H:** BBBC preferably inc English  
**AL:** CCC  
**ILC:** H3H3H3H4  
**IB:** 24 points (4, 4 at HL)  
**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

**93%**

**OF STUDENTS IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING<sup>1</sup>**

<sup>1</sup>HESA performance indicator 2014/15.

# Social Work

**UCAS CODE:** L500  
**DURATION:** BA Hons 4 years  
**CAMPUS:** Paisley and Dumfries  
**CONTACT:** Shelley Ferguson  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



Designed in collaboration with employers and service users, this programme provides you with the skills and knowledge to qualify as a social worker.

Practice learning is an integral component and you will apply your learning via 200 days practice learning in settings such as prisons, children’s units, addiction teams, women’s support and women’s aid. Lecturers are registered social workers and service users and guest lecturers input to the programme.

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.

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

**Entry**  
**YEAR 1**  
**H:** BBBB  
**AL:** CCC plus GCSE English Language, English Literature and Maths  
**ILC:** H3H3H3H4 plus OL English and Maths  
**IB:** 24 points (4, 4 at HL)  
**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) plus either SQA SG/Int2/Nat5 English and Maths or GCSE English Literature, English Language and Maths

Direct entry to Year 2 (with an HNC/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](https://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 STUDENT

**95%**

**OF STUDENTS IN WORK/FURTHER STUDY 6 MONTHS AFTER GRADUATING<sup>2</sup>**

<sup>2</sup>HESA performance indicator 2014/15.

# Society, Politics and Policy

**UCAS CODE:** L2L3  
**DURATION:** BA Hons 4 years  
**CAMPUS:** Paisley  
**CONTACT:** Debbie Nicholson  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)




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 inc English or relevant alternative  
**AL:** CCC inc English or relevant alternative  
**ILC:** H3H3H3H4 inc English or relevant alternative  
**IB:** 24 points (4, 4 at HL)  
**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.

# Technical Theatre

(3rd Year Entry)

**UCAS CODE:** 3Y7M  
**DURATION:** BA Hons<sup>3</sup> 2 years  
**CAMPUS:** Ayr/Gaiety Theatre<sup>4</sup>  
**CONTACT:** Jane Robertson  
 0800 027 1000  
 (44 141 849 4101 outwith UK)  
 ask@uws.ac.uk

Detailed course content available at [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)



Delivered in partnership with the Gaiety Theatre in Ayr, this programme offers thorough training for those who wish to work in theatre stage management and technical theatre production.

Delivered on campus and at the Gaiety Theatre, the programme includes practical and theoretical instruction in stage management, lighting, sound, prop and stage design, work placement and theatrical research.

Practical work is a key component, and this will take place in the theatre where you will work on lighting and sound designs for student, amateur and professional productions. You will also have the opportunity to work at other venues.

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.

<sup>3</sup>Honours year offered subject to final University approval.  
<sup>4</sup>This programme is delivered on Ayr Campus and at the Gaiety Theatre in Ayr.





Selected programmes recognised by professional bodies



Study abroad options



Selected programmes offer work-related learning and placement



Programmes underpinned by internationally excellent/world-class research



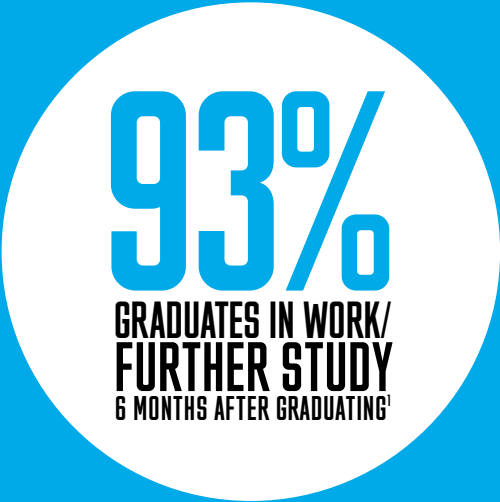
93% of UWS science and sport students agreed that staff are good at explaining things<sup>1</sup>



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

<sup>1</sup>National Student Survey 2015

# School of Science & Sport



<sup>1</sup>HESA performance indicator 2014/15.

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b>	<i>Irish Leaving Certificate:</i>	<b>IB</b>	<i>International Baccalaureate Diploma:</i>
<b>AH</b>	Advanced Higher	<b>HL</b>	Honours Level	<b>HL</b>	Higher Level
<b>SG</b>	Standard Grade	<b>OL</b>	Ordinary Level	<b>SL</b>	Standard Level
<b>Int2</b>	Intermediate 2				
<b>Nat5</b>	National 5				
<b>AL</b>	GCE A-Levels				

### Advanced entry options

Each programme descriptor on the following pages provides the entry requirements for the first possible access point to the course. Advanced entry is available on the majority of our programmes and this is highlighted where this is possible. Appropriate Advanced Higher and A-Level qualifications and equivalents may give

entry beyond Year 1 of related UWS courses, while our strong links with colleges provide access to Years 2 or 3 of some degree programmes, with HNC or HND qualifications respectively. The entry requirements for these advanced entry points can be found in full on our website – for details visit [uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

### Entry requirements

Additional minimum entry criteria applies to many of our programmes on top of those listed in course entries – see page 138 for details.

### Portfolio review

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

The School offers flexible, career-focused programmes across biological sciences, environmental and resource management, chemical sciences, and sport, health and exercise.

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PROFESSIONAL RECOGNITION

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



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.

With practical, as well as academic experience from day one, placement opportunities with key industry players, and accreditation by professional bodies – change the world with a UWS science qualification.

Our programmes

We offer flexible, career-focused programmes across biological and chemical sciences and environmental and resource management.

Fieldwork

Our programmes offer a balance of theory and practice. Many modules in areas such as applied bioscience, environmental studies and marine biology and zoology 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. Membership of professional organisations boosts graduate prospects and can lead to chartered or professional status.

First-class facilities

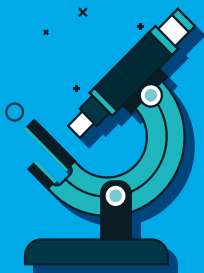
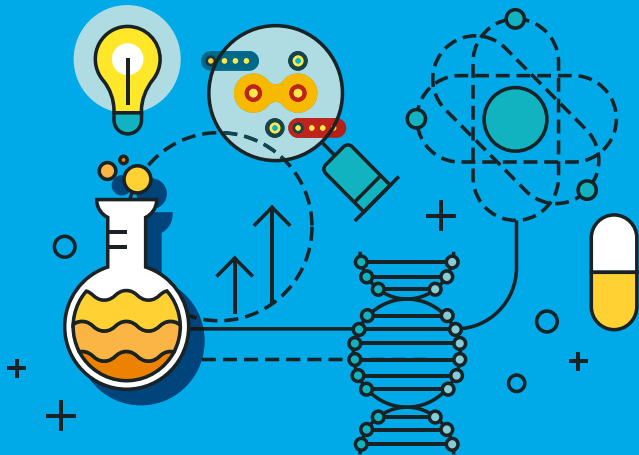
Get the hands-on experience you need – we give you extensive access to labs and workshop facilities from the start of your programme:

- A state-of-the-art microbiology laboratory which aims to combat Healthcare Associated Infections (HAIs)
- New facilities for teaching and research in physics, forensic science, analytical chemistry, biology and biotechnology

- A Spatial Pattern Analysis Research laboratory for environmental data and modelling processes
- Polarised light and fluorescent microscopes with advanced image analysis systems and a high-resolution laser Doppler imager, to enhance research in health and the environment, particularly for the study of cataracts, arthritis and geo-materials.

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.



PRACTICAL EXPERIENCE



Placement/work-related learning

Get real-world experience and enhance your CV with placement opportunities. UWS students have worked with industry giants such as BNFL, GlaxoSmithKline and British Energy.

Three options exist – see below, but availability is programme dependent, please refer to programme entries for fuller detail:

- A sandwich placement which takes the form of a 9-12 month period of paid industrial experience between years 3 and 4 of your degree. The placement selected will depend on your chosen specialism. Selection for placement is made on a competitive basis during Year 3
- A single or double work-related learning module in your third year of study
- A 15-week placement in a hospital laboratory during your third year of study for students taking the Applied Biomedical Science degree

Work-related learning modules are unpaid but receive academic credit. Students work 1-4 days per week for a company during the second trimester of their third year of study.

More details  
[uws.ac.uk/science](http://uws.ac.uk/science)



Real-world experience on work placements



State-of-the-art labs



Learn from industry leading staff

Feature

The micro lab: launching careers in parasites and pathogens

If you're squeamish, stop reading now. Acanthamoeba keratitis is a parasite, and it's everywhere: in water, soil, dust in the air. And if it contaminates your contact lenses, it burrows deep into the eye. "It's a desperately horrible disease to get," says Fiona Henriquez, Reader in Parasitology at UWS.

125 million people worldwide wear contact lenses, and Fiona is leading a research team looking for a way to prevent or reduce the risk of acanthamoeba, a disease that contaminates lenses. It's just one of the projects at the UWS microbiology lab that Biomedical Science and Bioscience undergrads get involved in.

"We work on pathogens," explains Fiona. "We work on parasites – tropical diseases as well as parasites in Scotland for which there are no known treatments, bacteria and immune responses to them."

The lab works closely with NHS hospitals – especially the Ophthalmology unit at Gartnavel General Hospital. The work that students do in labs could help immediately with treatments in the hospital. "There's a constant employability theme that runs from first year to PhD level," continues Fiona.

“Life sciences in Scotland are booming.”

"The work placement is becoming a core subject. You pick up biomedical professional practice skills every day you're in the lab."

All of this sets you up for a career in a growing industry. "Life sciences in Scotland are booming," says Fiona. "Manufacturing is becoming extremely specialised,

and Scotland is set to break into international markets such as Southeast Asia or South America. Students on the Biomedical Science programme can spend up to 15 weeks in one of these companies. So when you leave uni you already have the skills, training and experience that industry needs."

Read the full story:  
[uws.ac.uk/insights](http://uws.ac.uk/insights)

LEARN IT

<b>BSc (Hons) Biomedical Science/Applied Biomedical Science</b>	p.105
<b>BSc (Hons) Applied Bioscience</b>	p.104
<b>BSc (Hons) Applied Bioscience and Zoology</b>	p.104



## LINKS WITH GOVERNING BODIES

Our staff have experience working with leading sporting bodies.



**sportscotland**  
the national agency for 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.

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.

### 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, spanning four floors of the Almada Building at Lanarkshire Campus, are equipped to carry out cutting-edge research and deliver state-of-the-art instruction.

Labs and learning areas include an exercise physiology laboratory, strength and conditioning laboratory, exercise biochemistry laboratory, blood analysis laboratory, EMG – ECG – ultrasound laboratory, biomechanics laboratory, social psychology laboratory, a computer laboratory equipped with the latest in student research and learning software, along with a traditional sports hall.

**WORLD-LEADING AND INTERNATIONALLY EXCELLENT RESEARCH AS PART OF OUR SPORT AND EXERCISE SCIENCES, LEISURE AND TOURISM SUBMISSION'**

<sup>1</sup>Research Excellence Framework 2014.



Students can have supervised access and experience with:

- health assessment
- exercise physiological assessment
- protein analysis in blood and tissues
- RNA and DNA analysis
- electromyography, electrocardiography, and ultrasonography
- sports event management
- commercial fitness practice
- community fitness intervention
- sport performance analysis
- social and psychological analysis
- coaching practice

#### 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

## WORKING WITH INDUSTRY

We work with a range of partners in the sports industry.



of disciplines. We work with a range 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 plus 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.

More details  
[uws.ac.uk/sport](http://uws.ac.uk/sport)



### Feature

## Bright SPARCs boost performance

UWS's new Sports Performance and Rehabilitation Centre (SPARC), on Lanarkshire Campus is helping to boost the training and performances of both amateur and Olympic athletes.

Dr Mark Sanderson, a lecturer in exercise physiology and sport physiotherapy, says: "We can offer athletes access to the most hi-tech and advanced monitoring, training and treatment equipment and techniques. We recently took a stand at the Scottish Cycling, Running and Outdoor Pursuits Show and were delighted by the interest that it generated."

SPARC aims to enhance sport training and competition practices. Sport and Exercise Science students can gain valuable experience in SPARC during their degree.

SPARC also works closely with the UWS Sports Scholarship Scheme, which aims to support those with the potential to be at the top of their sport. Rebekka Findlay, a BSc Sport and Exercise Science student, used SPARC to prepare for the Glasgow Commonwealth Games. Rebekka continues to depend on the centre's expertise as she sets her sights on the 2018 Commonwealth Games in Australia.

Marathon runner Callum Hawkins, also a UWS Sports Scholarship student studying Mechanical Engineering, is being supported by the Scholarship Scheme and SPARC as he prepares to join the British Olympic squad for this summer's Rio Olympics.

### The SPARC team

Highly-qualified practitioners and therapists

### Studying sports performance:

- biomechanics
- fitness testing
- sports physiotherapy
- strength and conditioning training

### But it's not just physical

World-class research into performance psychology, motivation and mental strategies.

For further information:  
[uws.ac.uk/sparc](http://uws.ac.uk/sparc)



3D motion analysis of sport technique in SPARC





# Insight

## SCIENCE IN SCOTLAND

The Scottish Government highlights the nation's capabilities and potential for growth in:



Life Sciences



Biotech



Environmental Sciences

## Science

### Life Science

Scotland has one of the largest life science clusters in Europe, with a significant international presence in research, development and manufacturing – 600 organisations and 30,000 employees.<sup>1</sup>



**13,500 PEOPLE**  
WORK DIRECTLY  
IN THE CHEMICAL  
SCIENCE INDUSTRY

### Chemical Sciences

13,500 people work directly in the chemical science industry in Scotland. It is home to globally-renowned organisations Ineos, DSM, SASOL and Scottish companies such as Ingenza and Celtic Renewables.<sup>1</sup>

### Alumni profile

Read our alumni profile of India Gray, an Applied Bioscience graduate now working as a Healthcare Scientist Practitioner with the NHS on page 17.

### Employers

Find out more and an A-Z of employers at [talentscotland.com/science](http://talentscotland.com/science)

### Opportunities

There are also opportunities in Scotland's renowned food and drink sector, with farming, food processing, brewers and distillers.



### UWS graduate roles

6 months after graduating:

- Medical Lab Assistant
- Scientific Analyst
- Lab Technician
- Pharmaceutical Executive
- Quality Control Chemist



<sup>1</sup>TalentScotland.com



Dr Rai in the lab

### Feature

## A major win for the fight against cancer

Dr Taranjit Singh Rai is a molecular biologist who studies ageing associated diseases such as cancer and arthritis. Recently he has discovered a protein that stops cancer cells dividing. "We study cellular senescence in my lab," he says, "Which is the process that stops the proliferation of damaged cells. Cancer is a rapid proliferation of cells, so anything that stops them has potential to be anti-cancer. The mechanism we discovered stops cells from dividing.

"Senescence has unintended consequences: it means that some cells cannot function in the way they normally do. So, for instance, cellular senescence is thought to cause ageing. That means that we can study two things in the lab: how this mechanism prevents cancer, and also how this promotes ageing. It gives us a new perspective on a whole range of age-associated diseases, such as arthritis."

The research paper of the initial findings on cancer has been published in Genes and Development, and related studies of the role of senescence in arthritis was presented at the Houses of Parliament, in Westminster.

Study human biology, genetics, or pharmacology and you could be in the lab, generating models of senescence using retroviral/lentiviral and CRISPR related tools and genes. "It's all quite high-level for undergrads, really," says Taranjit. It's an exciting area to be working on – and to be learning the skills of scientific rigour.

And for students joining UWS as undergraduates, it's a chance to join in with cutting-edge research. "There are so many different institutions working under one roof," says Taranjit, "At UWS you can be part of something really exciting."

## SINCE 2009...

<sup>2</sup>sportscotland 2015  
<sup>3</sup>EMSI 2013

**243%** ▲

Increase in **UK Coaching Certificate Level One** sports coaches<sup>2</sup>

**41%** ▲

Increase in **activities of sports clubs**<sup>3</sup>

**6,593**

Jobs added as a result of the **41% increase**<sup>3</sup>

## Sport

### Sport in the UK

With the help of London 2012 and the Glasgow Commonwealth Games 2014, sports memberships are up, there has been an impressive engagement in community sport hubs, and a huge rise in qualified coaches.

There is also an increased government focus on healthy living and preventative care, of which sport, health and fitness is key. 66% of the Scottish adult population is at risk from illness through physical inactivity, with children and the elderly cited as the most vulnerable.<sup>4</sup>



### UWS graduate roles

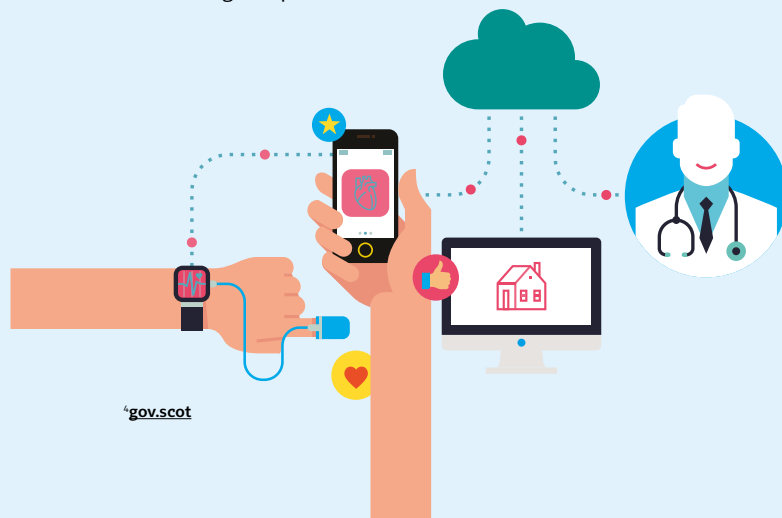
6 months after graduating:

- Sports Coach
- Active Schools Coordinator
- Youth Development Worker
- Physical Activity & Health Adviser
- Football Development Officer

### Where sport meets science

As technology advances, so too does the science of health, diet and exercise. From real-time heart and health monitoring, via personal tracking devices, to new injury rehabilitation methods.

The crossover of disciplines is leading to new roles that help enhance the training and performance of athletes.



<sup>4</sup>gov.scot



### Feature

## UWS on the ball with tomorrow's sporting talent

How do you capture the spirit of a national sporting event, and turn it into a legacy? That was Netball Scotland's task, in the lead up to the Glasgow Commonwealth Games in 2014. "Scotland has been moving up the World Rankings, however achieving a medal at the Games would have been a big challenge. What Netball Scotland did as part of their preparation was seek to inspire the nation and grow their sport. And it's worked: there's been a 58% increase in membership since 2014," says Ciaran O'Brien, Head of Sport and Wellbeing at UWS.

The new partnership between UWS and Netball Scotland will build on that success, nurture talented players, and give students industry experience in the world of a growing international sport. There are real benefits for students at UWS too. "We've got Netball Scotland coaches coming in to deliver National Governing

Body modules as part of the curriculum. And we're also improving the sports performance of our own teams."

There are placement opportunities too – with some students spending time with Netball Scotland, gaining experience of a national governing body in a real work environment.

Read the full story: [uws.ac.uk/insights](http://uws.ac.uk/insights)

**"It's a chance for students to gain industry experience and skills while growing their professional network"**



# Applied Bioscience

**UCAS CODE:** C710

**DURATION:** BSc Hons 4 years  
BSc Hons (Sandwich) 5 years

**CAMPUS:** Lanarkshire<sup>1</sup>, Paisley

**CONTACT:** Dr Steven Kelly  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



This qualification is acceptable for embarking on teacher training (Biology and Science) courses.

Successful graduates automatically fulfil the educational requirements of Associate Membership of the Royal Society of Biology.

## Entry

### YEAR 1

**H:** BBBB or ABBC inc Biology or Human Biology & 1 other science

**AL:** CCC inc Biology or Human Biology & 1 other science plus GCSE Chemistry

**ILC:** H3H3H3H3 or H2H2H2H4 inc Biology


**IB:** 26 points (inc Biology or Human Biology & 1 other science plus 2 other subjects at HL)

**Scottish Wider Access**

**Programme:** 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.

<sup>1</sup>Entry to this course at Lanarkshire Campus is at Year 3 only.

**94%**   
**STUDENT SATISFACTION**  
**NATIONAL STUDENT SURVEY 2015**

Career paths include research; analysis; production and quality assurance; sales and marketing; clinical trials and the traditional bio-industries such as brewing and food processing. MSc or PhD options are available for graduates.

# Applied Bioscience and Zoology

**UCAS CODE:** CC93

**DURATION:** BSc Hons 4 years  
BSc Hons (Sandwich) 5 years

**CAMPUS:** Paisley

**CONTACT:** Dr Richard Thacker  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



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. There are 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:** BBBB or ABBC inc Biology or Human Biology & 1 science subject

**AL:** CCC inc Biology or Human Biology & another science subject plus GCSE Chemistry

**ILC:** H3H3H3H3 or H2H2H2H4 inc Biology

**IB:** 26 points (inc Biology or Human Biology & 1 science subject plus 2 other subjects at HL)

**Scottish Wider Access**

**Programme:** 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.

# Applied Bioscience with Forensic Investigation (3rd Year Entry)

**UCAS CODE:** C7F4

**DURATION:** BSc Hons 4 years

**CAMPUS:** Lanarkshire

**CONTACT:** Dr Steven Kelly  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



This programme, which is professionally recognised by the Royal Society of Biology, will equip you with scientific knowledge and techniques necessary for solving crime. The programme also opens up career opportunities in life science/biotechnology.

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.

There are various areas where good scientific skills are required including clinical laboratories; analytical laboratories; research laboratories; contract research organisations; distillers; and support companies.

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 3

**SQA HND / BTEC Level 5 HND:** Biotechnology; Biomedical Science; Environmental Science (for SQA awards with Grade B in the Graded Unit)

**"I undertook a placement with Sigma-Aldrich, working in their laboratory. This gave me great experience and will definitely help me when I graduate."**

**VINCENT DUBE**  
APPLIED BIOSCIENCE WITH  
FORENSIC INVESTIGATION STUDENT  
FROM ZIMBABWE

# Biomedical Science / Applied Biomedical Science

**UCAS CODE:** Biomedical Science B940  
Applied Biomedical Science C910

**DURATION:** BSc Hons 4 years  
BSc Hons (Sandwich) 5 years

**CAMPUS:** Paisley

**CONTACT:** Dr John McLean  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



**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<sup>2</sup>.

Applied Biomedical Science graduates can gain positions as Biomedical Scientists with starting salaries around £24,000 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, nursing and often undertake further study in pharmacy, medicine and dentistry.

BSc Hons Biomedical Science and BSc Hons Applied 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:** BBBB or ABBC inc Biology or Human Biology plus 1 other science

**AL:** CCC inc Biology or Human Biology plus 1 other science

**ILC:** H3H3H3H3 or H2H2H2H4 inc Biology or Human Biology plus 1 other science

**IB:** 26 points (inc Biology or Human Biology & 1 other science plus 2 other subjects at HL)

**Scottish Wider Access**

**Programme:** 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.

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.

NB: at present there is no financial help towards undertaking the placements (e.g. travel or accommodation).

<sup>2</sup>Note that the award of placements is competitive.



# Chemistry

**UCAS CODE:** F100

**DURATION:** BSc Hons 4 years  
BSc Hons (Sandwich) 5 years

**CAMPUS:** Paisley

**CONTACT:** Dr Jorge Chacon  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



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 with additional learning including topics such as enzymes and pharmaceutical production and safety, environmental chemistry, spectroscopy and photochemistry.

Career areas include chemical research, industry, environmental pollution monitoring, commerce, management or teaching.

UWS graduates have secured roles including process chemist at GSK, laboratory supervisor at Sellafeld Ltd and medicinal chemist with Scottish Biomedical. Graduates are also sought by non-scientific employers.

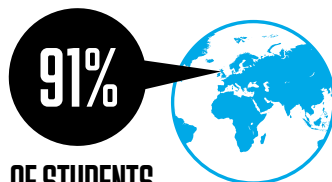
The programme is accredited by the Royal Society of Chemistry (RSC). The RSC accreditation is a rigorous evaluation process that is respected around the world. It helps students, their parents and advisers choose high-quality degree programmes, and graduates will have an advantage when applying for jobs and in looking for professional qualifications.

## Entry

### YEAR 1

**H:** BBBC inc Chemistry & 1 science  
**AL:** CCC inc Chemistry plus GCSE Biology  
**ILC:** H3H3H3H4 inc Chemistry & 1 science subject  
**IB:** 26 points (inc Chemistry & 1 other science plus 2 other subjects at HL)  
**Scottish Wider Access Programme:** 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.



<sup>1</sup>HESA performance indicator 2014/15.

# Environmental Health

**UCAS CODE:** B910

**DURATION:** BSc Hons 4 years  
**CAMPUS:** Paisley

**CONTACT:** Jan Miller  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



**This programme is aimed at those wishing to pursue a career within environmental health.**

A key training component of an environmental health officer comprises a nine-month work placement either during or on completion of the Honours degree. This is the Royal Environmental Health Institute of Scotland (REHIS) mandatory scheme of practical training.

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:** BBBB or ABBC inc 2 sciences  
**AL:** CCC inc 1 science plus GCSE Biology and Chemistry  
**ILC:** H3H3H3H3 or H2H2H2H4 inc 2 sciences  
**IB:** 26 points (inc Biology or Human Biology plus 3 other subjects at HL)  
**Scottish Wider Access Programme:** 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. For specific grades and subjects see website listed above.

# Forensic Science

**UCAS CODE:** F410

**DURATION:** BSc Hons 4 years  
BSc Hons (Sandwich) 5 years

**CAMPUS:** Paisley

**CONTACT:** Dr Ciaran Ewins  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



**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.

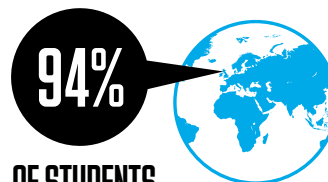
BSc (Hons) Forensic Science graduates are eligible to apply for Associate Membership of the Royal Society of Chemistry (AMRSC) – conditions apply, see our website for full details.

## Entry

### YEAR 1

**H:** BBBC inc Chemistry & 1 other science  
**AL:** CCC inc Chemistry plus GCSE Biology  
**ILC:** H3H3H3H4 inc Chemistry & 1 other science  
**IB:** 26 points (inc Chemistry, 1 other science plus 2 other subjects at HL)  
**Scottish Wider Access Programme:** Access to Science: BBB or Access to Health and Biological Science: BBB

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.



<sup>2</sup>HESA performance indicator 2014/15.

# Occupational Safety and Health

**UCAS CODE:** B920

**DURATION:** BSc Hons 4 years<sup>3</sup>  
**CAMPUS:** Paisley

**CONTACT:** Jan Miller  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



**The BSc (Hons) 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 major companies including Barr Construction, Magnox North Limited and Chemring Energetics UK Ltd.

BSc Hons graduates can apply to the Institution of Occupational Safety and Health (IOSH) to become a graduate member – conditions apply, see our website for full details.

## Entry

### YEAR 1

**H:** BBBB or ABBC inc 2 sciences  
**AL:** CCC inc 1 science plus GCSE Biology and Chemistry  
**ILC:** H3H3H3H3 or H2H2H2H4 inc 2 sciences  
**IB:** 26 points (inc Biology or Human Biology plus 3 other subjects at HL)  
**Scottish Wider Access Programme:** 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.

<sup>3</sup>The programme is also offered on a part-time basis.



# Pharmacy Science and Health

**UCAS CODE:** B2L5

**DURATION:** BSc Hons 4 years  
BSc Hons (Sandwich) 5 years

**CAMPUS:** Paisley

**CONTACT:** Dr Jorge Chacon  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)



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 inc Chemistry & 1 science  
**AL:** CCC inc Chemistry plus GCSE Biology  
**ILC:** H3H3H3H4 inc Chemistry & 1 science  
**IB:** 26 points (inc Chemistry & 1 science plus 2 other subjects at HL)  
**Scottish Wider Access Programme:** Access to Medicine BBB  
**SQA National Certificate (NC):** Pharmacy Services

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.

Please note: 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.

# Sport and Exercise Science

**UCAS CODE:** C602

**DURATION:** BSc Hons 4 years  
**CAMPUS:** Lanarkshire

**CONTACT:** Dr Mark Sanderson  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

This 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 a work placement with a relevant employer.

Employment opportunities exist in local authorities, education, professional sport and the healthcare and science professions.

Graduates also work as research scientists, primary and secondary teachers, sport coaches, medical reps and police officers.


## Entry

**YEAR 1**  
**H:** ABBC or BBBB inc 1 science (Biology preferred)  
**AL:** BBC inc 1 science  
**ILC:** H2H3H3H4 or H2H2H2H4 inc 1 science  
**IB:** 26 points (inc a science plus 3 other subjects at HL)  
**Scottish Wider Access Programme:** Access to STEM: 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.

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.

Students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see [scotland.gov.uk](http://scotland.gov.uk)

**93%**   
**STUDENT SATISFACTION**  
**NATIONAL STUDENT SURVEY 2015**

# Sport Coaching

**UCAS CODE:** CX6C

**DURATION:** BSc Hons 4 years  
**CAMPUS:** Ayr<sup>2</sup>, Lanarkshire

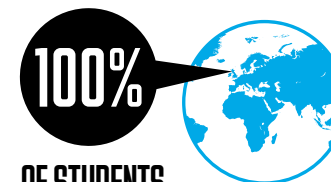
**CONTACT:** Dr Hayley McEwan  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

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 the Scottish Football Association.

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.



**100%**  
**OF STUDENTS**  
**IN WORK/FURTHER STUDY**  
**6 MONTHS AFTER GRADUATING<sup>1</sup>**

<sup>1</sup>HESA performance indicator 2014/15.

## Entry

**YEAR 1**  
**H:** ABBC or BBBB inc English (or ESOL), PE & 1 science<sup>3</sup>  
**AL:** BBC inc English, PE & 1 science<sup>3</sup>  
**ILC:** H2H3H3H4 or H3H3H3H3  
**IB:** 26 points (inc English or a science plus 3 other subjects at HL)  
**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 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](http://scotland.gov.uk)

<sup>2</sup>Entry to programme at Ayr Campus is to years 1 or 2 only.

<sup>3</sup>Science subjects: Geography, Maths, Biology, Human Biology, Chemistry, Physics, Psychology, Sociology.

# Sport Development

**UCAS CODE:** C600

**DURATION:** BSc Hons 4 years  
**CAMPUS:** Ayr<sup>4</sup>, Lanarkshire

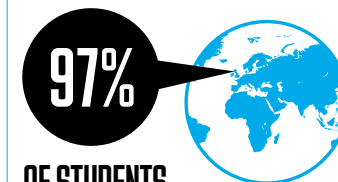
**CONTACT:** Laura Graham  
0800 027 1000  
(44 141 849 4101 outwith UK)  
ask@uws.ac.uk

Detailed course  
content available at  
[uws.ac.uk/ug2017](http://uws.ac.uk/ug2017)

This programme will enable you to design strategies and programmes to increase community participation in sport and to develop youth talent. The programme boasts strong links to industry.

There is a significant emphasis on work-based learning and developing the practical skills relevant to the modern industry. Students have undertaken workplace learning opportunities with organisations such as Motherwell Football Club and Virgin Active.

Graduates are multi-skilled and equipped to provide sport development support and leadership in the sport, exercise and fitness industries as 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.



**97%**  
**OF STUDENTS**  
**IN WORK/FURTHER STUDY**  
**6 MONTHS AFTER GRADUATING<sup>5</sup>**

<sup>4</sup>HESA performance indicator 2014/15.

## Entry

**YEAR 1**  
**H:** ABBC or BBBB inc English (or ESOL), PE & 1 science<sup>5</sup>  
**AL:** BBC inc English, PE & 1 science<sup>5</sup>  
**ILC:** H2H3H3H4 or H3H3H3H3  
**IB:** 26 points (inc English or a science plus 3 other subjects at HL)  
**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.

Your application will also be assessed on your interests, experience, other relevant qualifications and academic reference.

You may be invited for an interview and assessed on a piece of academic writing.

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](http://scotland.gov.uk)

<sup>4</sup>Entry to programme at Ayr Campus is to years 1 or 2 only.

<sup>5</sup>Science subjects: Geography, Maths, Biology, Human Biology, Chemistry, Physics, Psychology, Sociology.



# LIFE AT UWS

STUDENT BODY  
IS DRAWN FROM  
**OVER 90**  
COUNTRIES  
WORLDWIDE

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In this section you'll find the essential information you need when making your decision to study at university – from accommodation options, information for international students, fees, the application process, and more.



# Ayr Campus

Our state-of-the-art £81million 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 DAY 2016  
THE ATRIUM  
10 SEPTEMBER  
11AM - 3PM



£81M CAMPUS	2420 UWS STUDENTS	5 UWS SCHOOLS	1 HR TO GLASGOW	10 MINS TO Ayr TOWN CENTRE	3 MIN WALK FROM ACCOMMODATION TO CAMPUS
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## Learn

Ayr Campus offers some of Scottish higher education's finest facilities including:

- suites, studios and labs for performance, music, broadcasting, education and healthcare
- industry-standard recording facilities
- student-run digital radio station
- an award-winning library
- a new conditioning suite and sports hall

## Relax

There's a great range of facilities on campus for socialising, relaxing and having fun:

- student union
- a new fitness suite
- community garden
- coffee bar and atrium serving everything you'd expect, together with a range of hot and cold sandwiches, cakes and snacks
- wi-fi
- access to extensive riverside walkways and cycle paths

## Accommodation

Accommodation at our Ayr Campus is just 3 minutes' walk from campus, in a stunning woodland location which houses 200 residents. Accommodation is grouped in 6-bed flats featuring en-suite bedrooms, fully-fitted shared kitchen and lounge areas and there is an onsite laundry room, common room, games area and wifi. Accommodation is staffed with student wardens and has a manned reception 24 hours, 365 days per year. There are also 6 self-contained studio flats available. Costs range from £109.50 per week for a standard en-suite room to £142 per week for a 1-bed studio flat<sup>1</sup>.

We offer priority places in our accommodation for international students and first year students who live outwith a commutable distance<sup>2</sup>. International (non-EU) students may be eligible for a discount on their accommodation.

See page 145 or visit [uws.ac.uk/accommodation](http://uws.ac.uk/accommodation) for more information.

## About Ayr

With a population of 50,000, this attractive coastal town is under an hour from the centre of Glasgow by road or rail. Ayr has become increasingly student-focused, offering an eclectic range of venues for socialising and entertainment.

Packed full of historic sites, visitor attractions and cultural and leisure pursuits, the landscape surrounding Ayr is a combination of rolling hills, parkland, dense forests and dramatic coastlines including a long, sandy beach. Outdoor pursuits are plentiful including sailing, quad biking, horse-riding, football, rugby, hockey and tennis. Ayr also has a good variety of shops, bars, restaurants and nightclubs to keep you entertained. For more information visit [ayr.org](http://ayr.org)

## 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 approx five miles from campus with a direct train link to Ayr town centre

## The best thing about Ayr Campus is...

The Canteen at the Atrium. Light and airy, with views out to the River Ayr, it's busy but never feels crowded – a great place for a coffee.

<sup>1</sup>2016/17 prices - our website will be updated with 2017/18 prices when available.

<sup>2</sup>Applications to be received by the last Monday of July 2017.



# 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.

## Facilities

Facilities on campus include state-of-the-art nursing skills labs; the library; Student Services; active Students' Association; wi-fi; and access to new sports facilities at Dumfries and Galloway College. Choosing Dumfries Campus means you'll benefit from small class sizes, good staff to student ratios and a friendly study environment; yet you'll also be able to make the most of the services and resources of a large, modern university.

## Accommodation

We are pleased to offer a limited number of spaces through partnerships with local landlords, all within walking distance of the campus.

Our Dumfries flats include the following:

- spacious kitchens and living rooms
- en-suite double rooms
- shared toilet and shower rooms
- wifi
- capped utilities included

All students will also receive a bedding and kitchen pack and contents insurance through our partners Endsleigh as standard.

To apply visit the accommodation section of our website. You can also receive support and information on finding accommodation in Dumfries by calling 0141 848 3159 or emailing [accommodation@uws.ac.uk](mailto:accommodation@uws.ac.uk)

## About Dumfries & Galloway

With a population of 38,000, Dumfries is the hub of Dumfries & Galloway, a region of rugged coastlines, sandy beaches and tranquil lochs. The town offers a good range of leisure, retail and entertainment venues. Outdoor sports and leisure pursuits are well-catered for with cycling, golf, mountain biking, water sports, hillwalking and fishing all available. For more information go to [visitdumfriesandgalloway.co.uk](http://visitdumfriesandgalloway.co.uk)

## 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.

See our website for more travel information [uws.ac.uk/dumfries](http://uws.ac.uk/dumfries)

## The best thing about Dumfries Campus is...

The location. The beautiful landscaped grounds of the campus are unique, with historic red sandstone buildings and plenty of green space for picnicking on sunny days.

OPEN DAY 2016  
BROWNE HOUSE  
10 SEPTEMBER  
11AM – 3PM

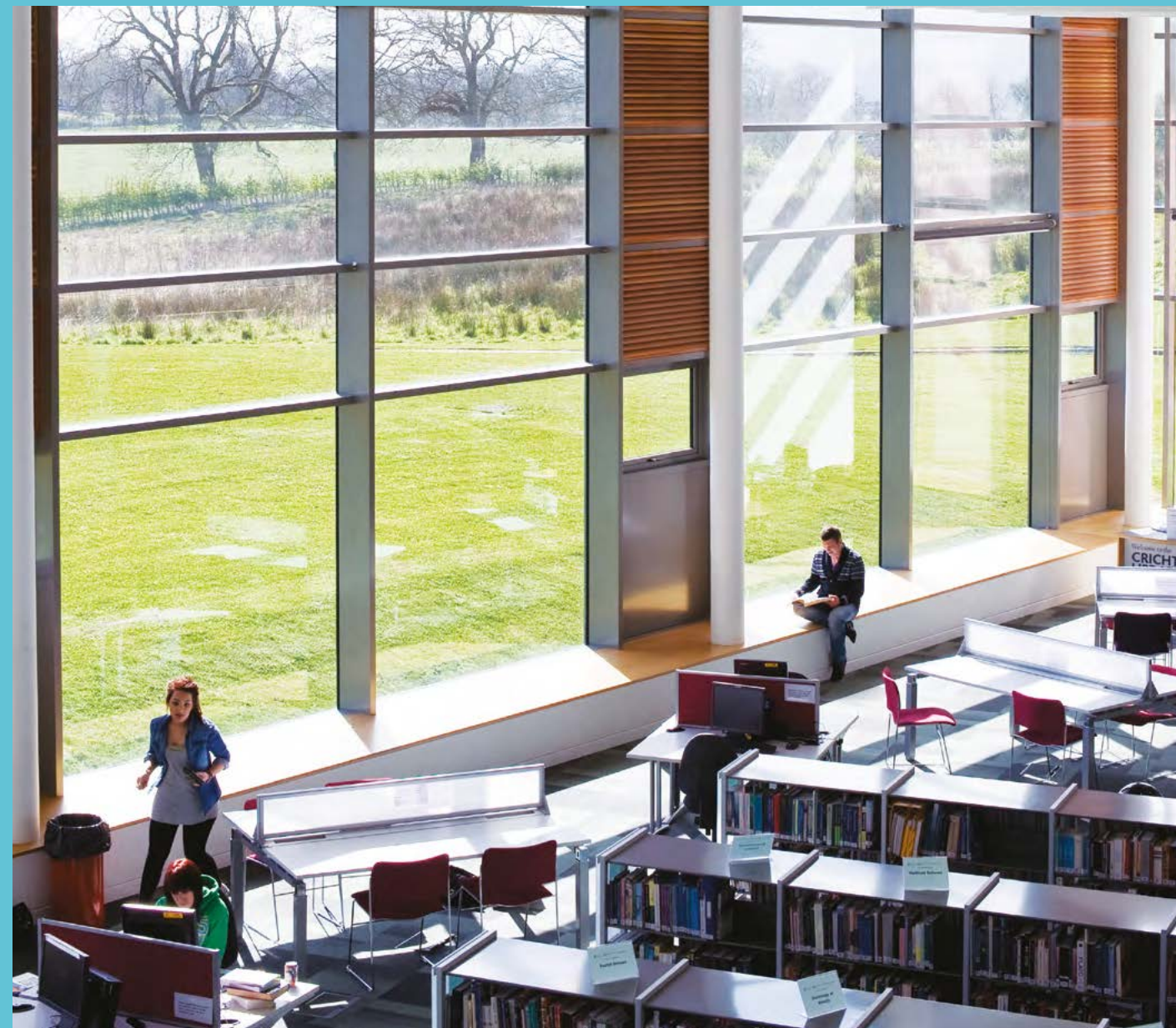
**Nº1 UWS**  
BIGGEST PROVIDER  
OF HIGHER EDUCATION IN  
DUMFRIES & GALLOWAY

**30 MIN** WALK TO  
TOWN CENTRE

**85 ACRE**  
PARKLAND ESTATE

**4 UWS**  
SCHOOLS

**568**  
UWS STUDENTS





# Lanarkshire Campus

Just 11 miles from Glasgow, the campus is located centrally in Hamilton, Scotland's 5th largest town, offering a vibrant, friendly place to study.

The campus is in the centre of Hamilton close to both Hamilton Central and Hamilton West train stations. Facilities include simulation wards for nursing and midwifery training; a complete range of sport and exercise laboratories; a refurbished library; community garden; wi-fi access; a broad range of support services at the Student Link; Centre for Engineering Excellence; a sports and leisure centre; a range of catering facilities serving everything you'd expect together with a range of hot and cold sandwiches, cakes and snacks; self-catering halls of residence; a Students' Union; and campus shops.

## Accommodation

Our student accommodation in Lanarkshire is just 2 minutes' walk from campus, and close to classes, the library and leisure club. Accommodation comprises 6-bed flats housing 156 residents, with shared toilet/shower facilities and open-plan kitchen and lounge areas in each cluster flat. There is 24-hour a day warden cover and mobile security cover. The cost of accommodation in Lanarkshire is £85 per week for a non en-suite standard room<sup>1</sup>, and includes electricity, crockery and cutlery pack, kitchen and bedding pack, contents insurance cover and wi-fi.

We offer priority places in our accommodation for international students and first year students who live outwith a commutable distance<sup>2</sup>. International (non-EU) students may be eligible for a discount on their accommodation.

See page 145 or visit [uws.ac.uk/accommodation](https://uws.ac.uk/accommodation) for more information.

<sup>1</sup>2016/17 prices - our website will be updated with 2017/18 prices when available

<sup>2</sup>Applications to be received by the last Monday of July 2017

## About Hamilton

Close to some of the most scenic parts of Scotland, the town offers access to a wealth of activities, sites of historical interest and superb scenery. It's a short train journey from Glasgow, and Edinburgh and Stirling are also within easy reach. The town is surrounded by a landscape of softly sloping hills, featuring a golf course, racecourse and mature woodland walks.

The surrounding area features a number of country parks and nature reserves such as Strathclyde Park; and many sporting and leisure activities, including football, rugby, golf, sailing, tennis, tenpin bowling, swimming and horse-riding. Hamilton town centre offers plenty of shopping options as well as a nine-screen cinema, theatre and a host of bars, nightclubs and restaurants.

OPEN DAY 2016  
ALMADA HALL  
17 SEPTEMBER  
11AM – 3PM

## Travel

- excellent road and rail links from Glasgow and surrounding areas
- located 11 miles south of Glasgow
- most trains on the main line from London and the Midlands to Glasgow stop 10 minutes away from Hamilton in nearby Motherwell
- fast and frequent train service from Hamilton to Glasgow
- campus is a five-minute walk from Hamilton West train station
- campus is two hours from Cairnryan ferry terminal

See our website for more travel information  
[uws.ac.uk/lanarkshire](https://uws.ac.uk/lanarkshire)

## The best thing about Lanarkshire Campus is...

The library. Helpful staff, lots of natural daylight and it's the most peaceful place on campus.

4142 UWS STUDENTS  
20 MINS FROM GLASGOW BY TRAIN  
6 UWS SCHOOLS  
5 MIN WALK FROM THE TRAIN STATION



## Hamilton International Technology Park

At the time of publication plans are being developed to potentially relocate the campus to Hamilton International Technology Park on the outskirts of the town, creating a bespoke, state-of-the-art university campus with outstanding academic, social and leisure facilities on site. The new campus will give UWS students access to some of the most advanced and technologically enabled learning environments

available. The campus will meet the highest levels of sustainability being carbon-neutral, powered by windfarm-generated energy. The location of the new site in the heart of Lanarkshire's business and technology community will also provide practical experience, enterprise, research and employment opportunities for UWS students.

For more information see page 148





# London Campus

Our newest campus is situated in the heart of London, one of the world's most exciting cities.



The view of The Shard from UWS London Campus



The UWS London Campus offers attractive, modern facilities in close proximity to major attractions in Central London. The campus is wifi enabled with a spacious IT lab creating an effective study environment. Our classrooms provide a suitable environment for you to learn from our experienced teaching staff and our spacious lecture theatre boasts modern teaching amenities designed to help you learn in a way which suits you. Our library provides a range of online resources to assist you with your studies while providing break out rooms for quiet research or to work on group projects. When it is time to take a break, you can relax in our Student Common Room.

## About London

With a population of 8.63 million, London is the capital of the United Kingdom and is well-connected to the rest of the world, with five international airports and the high speed Eurostar rail link.

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.

## 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

See our website for more travel information [uws.ac.uk/london](http://uws.ac.uk/london)

## The best thing about London Campus is...

The location. Our students have the chance to gain career-focused qualifications while experiencing life in one of the world's most fast-paced and exciting cities.

**3 UWS SCHOOLS** **15 MIN WALK FROM LONDON BRIDGE UNDERGROUND**

**2015 CAMPUS OPENED** **339 UWS STUDENTS**



# 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 DAY 2016  
STUDENTS' UNION  
17 SEPTEMBER  
11AM – 3PM



10 MINS FROM  
GLASGOW  
BY TRAIN

7387  
UWS STUDENTS

£13.2M  
NEW STUDENT RESIDENCE

6 UWS  
SCHOOLS

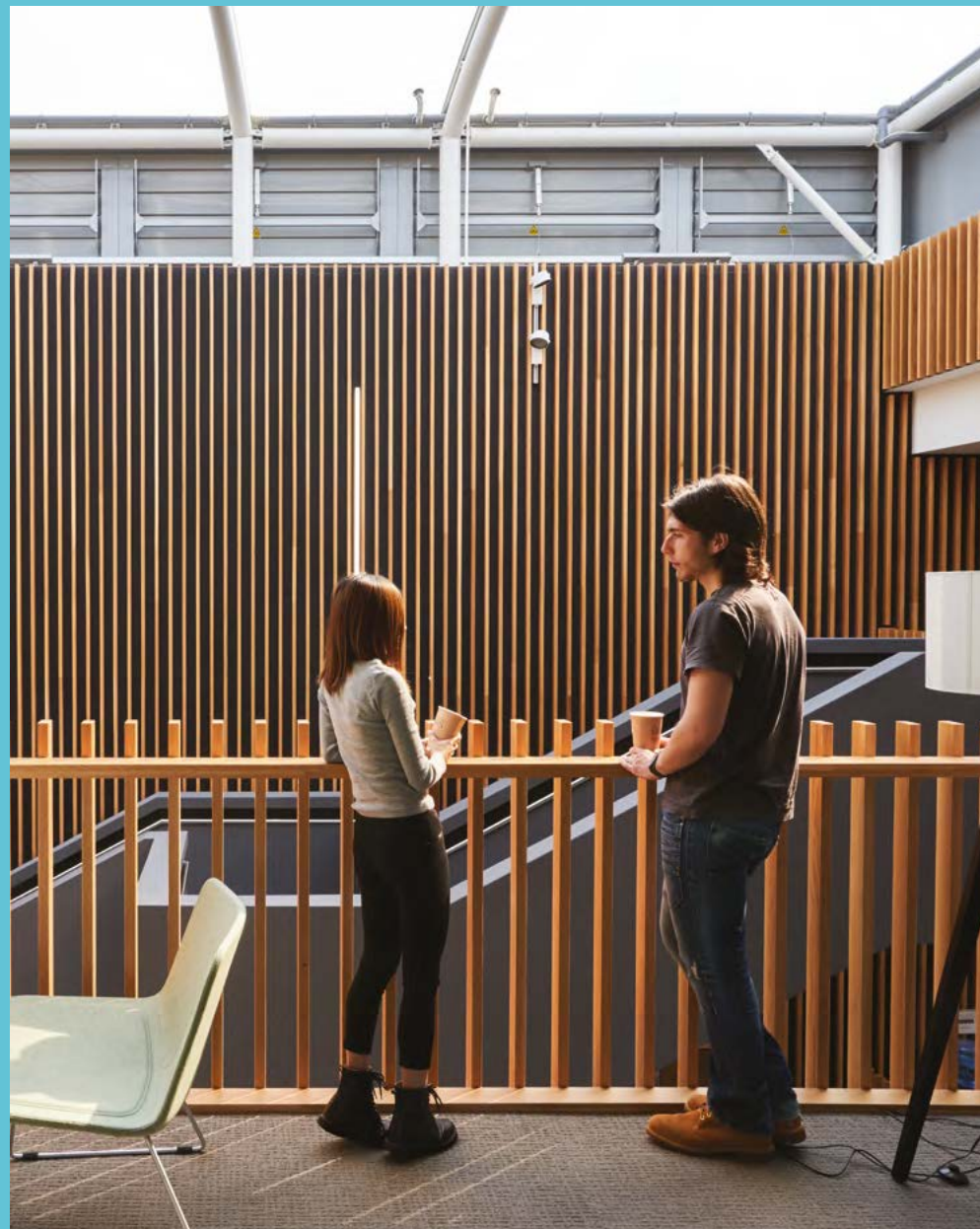
## Learn

There's a great range of industry-standard on-campus facilities at Paisley, including:

- interdisciplinary science labs
- specialist computer games, animation and music technology labs
- industry-standard design and engineering facilities
- Robertson Trust Library and Learning Resource Centre
- nursing and midwifery teaching areas and skills labs

## Relax

- Students' Union
- recently upgraded Robertson Trust Sports Centre (on the outskirts of town)
- We recently opened a range of new catering outlets at our Paisley Campus including Coffee@UWS, Love Joes, the Deli and the Kitchen
- community garden
- wifi



## Improving your campus

As part of our ongoing campus development work, 2016 saw the official opening of a vibrant, technology-rich reception area at the University's High Street entrance. The project includes a welcoming reception; new social learning and meeting spaces; and a café. New social spaces and touchdown points on campus in one of the main student thoroughfares; with bold, vibrant graphics and striking interior design, was also recently completed. Work on The Hub, a vibrant new student information point on campus, is scheduled for completion by September 2016.

## Accommodation

Our on-campus accommodation includes a stunning £13.2m residence and newly refurbished flats. In our Storie St accommodation, we offer 336 spacious en-suite bedrooms in flats of 6, 5 and 4. Each flat has a fully-fitted, shared kitchen and lounge area and there is an onsite common room, games area and wi-fi access. 13 accessible rooms are also available on request. There are student wardens and a manned reception 24 hours a day, 365 days a year.

<sup>1</sup>2016/17 prices - our website will be updated with 2017/18 prices when available.

<sup>2</sup>Applications to be received by the last Monday of July 2017.

The cost of accommodation in Storie Street is £109.50 per week for an en-suite standard room.<sup>2</sup>

There are also newly refurbished traditional tenement flats on the edge of the campus from £109.50 per person per week<sup>1</sup> for a double room in a two-bed flat and £142 per week<sup>1</sup> for a single occupancy one-bedroom flat.

We offer priority places in our accommodation for international students and first year students who live outwith a commutable distance<sup>2</sup>. International (non-EU) students may be eligible for a discount on their accommodation.

See page 145 or visit [uws.ac.uk/accommodation](http://uws.ac.uk/accommodation) for more information.

## About Paisley

With a population of 74,000, Paisley combines heritage and history with all the facilities you'd expect from Scotland's second largest town. There's an internationally-significant collection of heritage and cultural assets including Paisley Museum and Art Galleries, Paisley Arts Centre and the stunning 12th century Abbey. As well as a vibrant music and entertainment scene in local venues, Paisley is also just 10 minutes' from Glasgow, one of the UK's best shopping and cultural destinations.

## 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

See our website for more travel information [uws.ac.uk/paisley](http://uws.ac.uk/paisley)

## The best thing about Paisley Campus is...

The brand new social spaces on campus – a great place to catch up with friends!



# International students



## 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<sup>1</sup>.

<sup>1</sup>[studyinscotland.org](http://studyinscotland.org)

The thousands of students who arrive in Scotland to study find a vibrant cultural life; a diverse, multicultural society; a country steeped in history; breathtaking 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.



## ON AVERAGE, STUDENTS RATE LEARNING AND LIVING IN SCOTLAND BETTER THAN IN THE REST OF THE UK AND EUROPE<sup>2</sup>

### 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.

### 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](http://visitscotland.com)

## THINGS TO DO IN 2017

**THERE'S PLENTY TO SEE AND DO IN SCOTLAND DURING 2017, 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 13th 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)

### T in the Park (July)

Scotland's biggest music festival, held at Strathallan Castle, Perthshire

### The Wickerman Festival (July)

Scotland's alternative music festival, held near to Dundrennan in Dumfries and Galloway

### 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 Lochaber

### Glasgow & Edinburgh Hogmanay celebrations (December)

Join the biggest and best street parties in the world



T In The Park

<sup>2</sup>Graduate – Tracking the university and college experience in Scotland, 2008. A report commissioned by the British Council.



OUR STUDENT BODY  
IS DRAWN FROM  
**1/3** OF THE  
GLOBE

**120** EUROPEAN  
PARTNERS  
**2135** INTERNATIONAL  
STUDENTS

### Welcoming international students

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

More info — our website is a great source of info and advice for international students at [uws.ac.uk/international-students](https://uws.ac.uk/international-students)

### 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<sup>1</sup> (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-session 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.

### Scholarships and discounts<sup>2</sup>

We have international scholarships for full-fee paying overseas students and tuition fee and accommodation discounts are available. See page 145.

### International student fees

Further details on fees can be found on pages 144-145.

### Sources of advice

UK Council for International Student Affairs (UKCISA) [ukcisa.org.uk](https://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/visasimmigration/student-visas](https://gov.uk/browse/visasimmigration/student-visas)



### Student profile

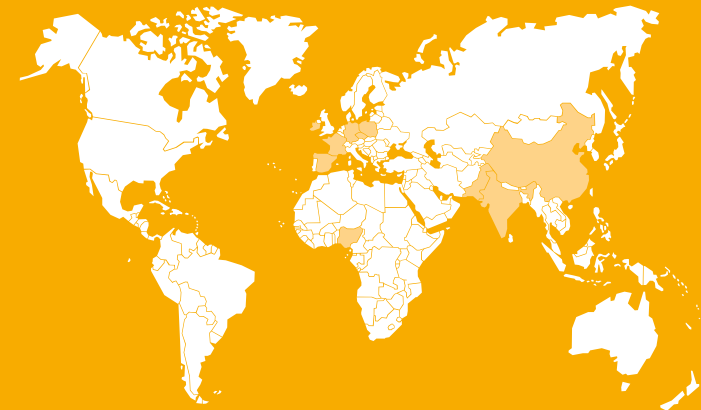
**Romain Courbon**

**Programme**  
Events Management

Romain arrived as an Erasmus student in third year, not knowing much about UWS or the town of Paisley, but immediately felt at home. He says: “Scottish people are really nice and the student accommodation is full of international students, so I fitted right in. And the staff are very helpful and always available for the students.”

Romain says the University has given him a number of professional opportunities too: “Jobs and volunteering are often advertised through email and social media to us. And field trips and extra curricular activities organised by the University offer different opportunities, as well as a great chance to meet different people.”

So, what's next for Romain? “Scotland is a country that I always wanted to discover and my experience here has been very enjoyable – so much so, that I might stay here after I graduate.”



## UWS STUDENTS FROM AROUND THE GLOBE TOP 10 COUNTRIES

FRANCE  
CHINA  
GERMANY  
IRELAND  
NIGERIA

SPAIN  
PAKISTAN  
INDIA  
POLAND  
CZECH REPUBLIC

### 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](https://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/interationalstudentsupport](https://uws.ac.uk/interationalstudentsupport)

### Working with the British Council

We work closely with the British Council; to find your nearest office visit [britishcouncil.org](https://britishcouncil.org)



Details of UWS worldwide representatives can be found at [uws.ac.uk/officialreps](https://uws.ac.uk/officialreps)

<sup>1</sup>Please check your course for specific English language requirements.

<sup>2</sup>Scholarships and discounts may be subject to change for 2017/18 – email [ar@uws.ac.uk](mailto:ar@uws.ac.uk) for details.

<sup>3</sup>[scotland.org](https://scotland.org)



OVER **48000**  
INTERNATIONAL  
STUDENTS  
FROM OVER **185**  
COUNTRIES  
CHOOSE TO STUDY IN  
SCOTLAND EVERY YEAR<sup>3</sup>



# Advanced entry

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.

Thanks to our close links with colleges, most of our programmes offer you the opportunity to progress (also known as articulate) from HNC or HND qualifications.

Our college partners include:



## College to university

UWS has formal learner pathway agreements with 8 partner colleges: Ayrshire; Dumfries & Galloway; City of Glasgow; Glasgow Clyde; Glasgow Kelvin; New College Lanarkshire; South Lanarkshire & West College Scotland.

We also articulate students from other institutions such as Forth Valley, Edinburgh College and Fife College.

If you already have a college qualification; or are working towards one, you could use it to gain direct entry to Year 2 (with an HNC) and Year 3 (with an HND) of a UWS degree programme. For specific grades and subjects required see [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)

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. In some cases we also provide access to our Next Steps module to help your transition to the higher education environment.

To help you get ready for university, whilst you are still 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/collegetouni](https://uws.ac.uk/collegetouni)



## Alumni profile

### Emma Campbell

#### Programme

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.93

## Alternative qualifications for advanced entry

Appropriate Advanced Higher and A-Level qualifications and equivalents may give entry beyond Year 1 of related UWS courses. For full details, visit [uws.ac.uk/ug2017](https://uws.ac.uk/ug2017)

## International applicants

Our links with EU and international partners can allow international students to gain entry to year 3 or 4 of our courses.

For details of international qualifications which can be used to gain advanced entry to a related UWS degree course, visit [uws.ac.uk/international](https://uws.ac.uk/international)

Full details of the qualifications required for advanced entry onto our programmes are available on our website. See individual course entries for details.

## Alumni profile

Read our alumni profile of Shujaat Khan, who gained advanced entry from Glasgow Kelvin College to our Civil Engineering degree, now working as a Project Manager with global engineering giant AECOM, on page 16.

FOR STUDENTS  
STARTING IN  
2<sup>ND</sup>, 3<sup>RD</sup> OR 4<sup>TH</sup> YEAR

## Scottish Wider Access Programme (SWAP)

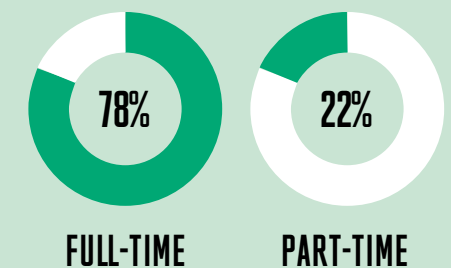
SWAP offers an alternative route to higher education through a one year full-time access course, which guarantees entry to higher education for successful candidates. See page 138 for details.

## 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.

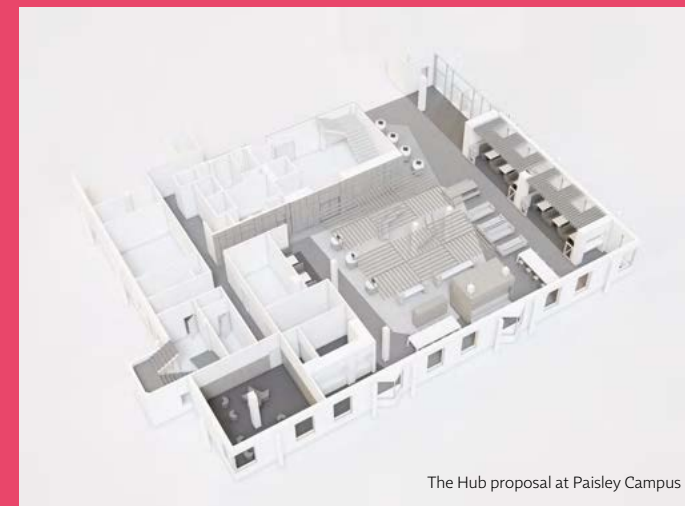
We'll also consider any prior credit and experience you have when discussing your options, and funding could be available through initiatives such as the SAAS Part-time Fee Grant. Visit [uws.ac.uk/pt](https://uws.ac.uk/pt) for details.

## OUR STUDENT BODY





# Student support



The Hub proposal at Paisley Campus

## 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 Services 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, effective learning and much more. We also offer counselling, a multi-faith chaplaincy, disability support and a dedicated international student services team.

## The Hub

The Hub, a vibrant new info point for students, brings together a range of frontline student services and informal learning spaces and café facilities. The Hub is scheduled to open on Paisley Campus in September 2016. Whilst The Hub will be physically located on the Paisley Campus it will be accessible online and via telephone across all UWS campuses.

## Buddy project

To assist new students settle in to university life, the university runs a Buddy Project which aims to offer informal and friendly support to all new students. Your Buddy will be another student who has been studying similar subjects for the last year or two. They will be able to answer some of the questions you may have about student life. If they don't know the answer to a question, they will be able to point you to the right place to find the help you require. For more details, see our website.

“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  
ENGINEERING AND COMPUTING GRADUATE AND MSc MOBILE WEB DEVELOPMENT STUDENT

## OUR STUDENT SERVICES INCLUDE:



FUNDING & ADVICE



INTERNATIONAL STUDENT SUPPORT



COUNSELLING



MULTIFAITH CHAPLAINCY



DISABILITY SUPPORT

See our website for more info.



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.



# Students' Association



Going to University is about much more than getting a qualification, it's also the chance to enjoy an exciting new social life and make the most of all the new opportunities available to you.

**Student life at UWS**

UWS students come from all over the world and you'll find a great community feel and real energy on our campuses. There are lots of opportunities to get involved in extra-curricular activities and build friendships for life.

SAUWS, our award-winning Students' Association, is run for students by students. SAUWS organise and deliver a wide range of social and sporting events all year round and campaign with you and on your behalf on the issues that really matter to you.

The 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 132). Details on the clubs or how to start your own are available at [sauws.org.uk/societies](http://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](https://www.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.



**WINNER OF NATIONAL UNION OF STUDENTS (NUS) SCOTLAND'S HIGHER EDUCATION STUDENTS' ASSOCIATION OF THE YEAR AWARD**





# 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.

## 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.

## Club sport

We work 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. There are current teams in archery, American football, badminton, basketball, cricket, climbing, cheerleading, football, 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.

## Competition

UWS students engage in a range of competitions including British individual championships, Scottish individual championships and leagues, local leagues and competitions and Varsity events which give a wide range of students an opportunity to represent the University. Many students also access external competition through local clubs and performance programmes.

## Facility provision

We operate low-cost sports facilities for students at our Ayr, Paisley and Lanarkshire campuses, while students on our Dumfries Campus have access to facilities through a partnership with Dumfries & Galloway College. Ayr boasts a new conditioning suite and a sports hall as well as impressive riverside cycleways and walks. Lanarkshire Campus houses a fully-fitted gym and large indoor sports hall and has fitness classes available. The Robertson Trust Sports Centre, close to our Paisley Campus, offers a modern 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.

## Student membership

Student gym memberships are subsidised and flexible, with affordable annual, monthly and pay-as-you-go memberships available at Ayr, Lanarkshire and Paisley.

## Team UWS

It's never been easier to take part with Team UWS since every Wednesday afternoon has been allocated as free from classes – allowing more of you to take part in sports and social activities. Whether your sporting interest is in ball games, martial arts or in fitness, we've got something for you. With over 20 competitive and recreational sports, there has never been a better time to become part of the team.

STUDENTS PICKED FOR  
**RIO 2016 OLYMPICS**

STUDENTS COMPETED IN  
**GLASGOW COMMONWEALTH GAMES 2014**

**UWS TEAMS**  
ACROSS 15 SPORTS

FACILITIES ACROSS  
**4 CAMPUSES**





Travelling to Scotland is easy – whether it’s by road, rail or air. Our west of Scotland campuses are within reach of the major transport hubs, making UWS one of the most accessible places to study in the UK, serviced by two international airports (Glasgow and Glasgow Prestwick), Cairnryan ferry terminal and major road and rail networks. And London Campus is served by one of Europe’s biggest transport systems.

## Ayr Campus

- one hour from Glasgow
- excellent road and rail links
- frequent bus and rail services operate from Glasgow and the southwest to Ayr
- Glasgow Prestwick International Airport is approx. Five miles from the campus, with a direct train route into the town centre

## Dumfries Campus

- regular rail and bus services to Dumfries from Carlisle and to Edinburgh and Glasgow
- Glasgow Prestwick and Glasgow International airports are two hours from campus

## Lanarkshire Campus (Hamilton)

- 11 miles from Glasgow
- excellent road and rail links
- most trains on the main rail line from London and the Midlands to Glasgow stop at Motherwell, just 10 minutes from Hamilton; and there is a fast, frequent service from Hamilton to Glasgow
- the campus is within two hours of Cairnryan ferry terminal
- Glasgow International Airport is 16 miles from Hamilton

## Paisley Campus

- three miles from Glasgow International Airport, with a direct train route into the town centre
- 10 minutes by train from Glasgow
- the M8 – which links the M74, A77/M77 and M80 – offers easy access to Paisley from the rest of Scotland and the south; plus a fast, direct route into Glasgow

## London Campus

- London’s fantastic transport system, with its underground, red buses and black taxis, will enable you to get around the city easily and quickly
- home to five international airports
- direct link to France via the Channel Tunnel

# 5 CAMPUSES



# 6 SCHOOLS 1 UNIVERSITY



# Your application

UCAS APPLICATION  
**DEADLINE**  
15 JANUARY 2017

## How to apply - UCAS

All applications<sup>1</sup> for entry to full-time Honours or Ordinary degree programmes starting in September 2017 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](http://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](mailto:enquiries@ucas.ac.uk)

[ucas.com](http://ucas.com)

[facebook.com/ucasonline](https://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](http://ucas.com/connect/videos/ucas#js=on)

## When to apply

UCAS applications can be made between 1st September 2016 and 15th January 2017. 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 2017 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 Course Enquiries 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](http://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. 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.

# UWS UCAS CODE U40

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

## 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/disabilityservice](http://uws.ac.uk/disabilityservice)

Ayr Campus  
Contact  
+44 (0)1292 886005  
[disabilityservice@uws.ac.uk](mailto:disabilityservice@uws.ac.uk)

Dumfries Campus  
Contact  
+44 (0)1387 345825  
[disabilityservice@uws.ac.uk](mailto:disabilityservice@uws.ac.uk)

Lanarkshire Campus  
Contact  
+44 (0)1698 894448  
[disabilityservice@uws.ac.uk](mailto:disabilityservice@uws.ac.uk)

Paisley Campus  
Contact  
+44 (0)141 848 3518  
[disabilityservice@uws.ac.uk](mailto:disabilityservice@uws.ac.uk)

NB: Students studying at our London Campus should contact the number listed for Paisley Campus in the first instance.

## Scottish Baptist College

The Scottish Baptist College (SBC) has been located on the UWS Paisley Campus for over a decade and its programmes are validated by the University. SBC provides a modern, vibrant place to learn, attracting school-leavers and mature students, Baptists and non-Baptists alike. The Bachelor of Divinity (BD) in Theology with Pastoral Studies invites students to explore issues of Christian belief, spirituality, and mission. The course is strong on reflective practice and encouraging theological thoughtfulness. It also covers a diversity of disciplines including ethics, pastoral care, contextual theology, critique of contemporary culture, and the changing expressions of worship and preaching. Classes tend to be interactive tutorials and are delivered by a team of highly-qualified staff with a wealth of hands-on experience in their own field.

The course can be taken full-time or part-time. Student destinations include pastoral ministry, youth ministry, community work, hospital chaplaincy, prison chaplaincy and RMPS teacher training. Further information is available at [scottishbaptistcollege.org](http://scottishbaptistcollege.org), by telephone on 0141 848 3988, or email [scottishbaptistcollege@uws.ac.uk](mailto:scottishbaptistcollege@uws.ac.uk)



<sup>1</sup>International students may be able to make a direct application to UWS – see page 142.



# Entry requirements

### Entry requirements to undergraduate programmes

For admission to degree programmes, applicants should possess as a minimum, passes in five subjects to include three at Scottish Higher (Grade C or above); or passes in five subjects to include at least two at GCE Advanced Level; or an appropriate award of the SQA, Edexcel, the AQA or OCR; or Irish Leaving Certificate with five subjects (Grade C, or above), to include at least three subjects at the Higher level; or other equivalent qualifications acceptable to the University.

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 A, B or C), or ILC Ordinary level (Grade C2 or above). Some degree courses require passes in both GCSE English Literature and English Language; this will be identified on relevant course entries. Where subjects other than English and Mathematics are identified at SQA SG/Int2/ Nat5, or GCSE or ILC Ordinary-levels for a specific course, a pass at Grade C (or equivalent) is required.

In addition to standard qualifications, such as SQA Highers or Advanced Highers and GCE A-Levels, UWS will consider other combinations of qualifications and experience, such as the International Baccalaureate Diploma, SQA Scottish Baccalaureate, Professional Development Awards and Youth Achievement Awards, in support of your application, including application for advanced entry.

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.

### Advanced entry

The Advanced Higher is recognised for admissions purposes and for certain programmes the University will consider applicants with a combination of Highers/ Advanced Highers or AS Levels/A-Levels in certain subjects for Year 2 entry. The University will accept HNC/HND qualifications as a means of entry, based either on specific grades in the graded units or on merits.

Applicants with HNCs are encouraged to apply for Year 2 entry and applicants with HNDs are encouraged to apply for Year 3 entry – see [uws.ac.uk/ug2017](https://www.uws.ac.uk/ug2017) for specific grades and subjects required. To find out more about making the move from college to university via advanced entry, visit [uws.ac.uk/collegetouni](https://www.uws.ac.uk/collegetouni)

### 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.

Further details on entrance requirements and the suitability of your planned programme of study are available from our Course Enquiries Team on 0800 027 1000 (44 141 849 4101 outwith UK) or by email at [ask@uws.ac.uk](mailto: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.

For more information about SWAPWest call 0141 564 7206 or email [swapwest@scottishwideraccess.org](mailto:swapwest@scottishwideraccess.org)

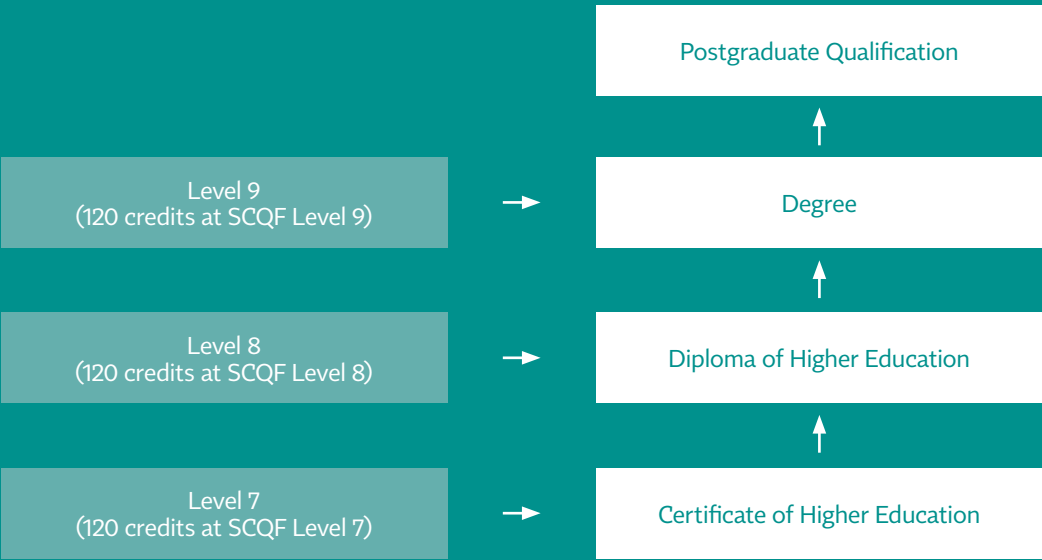
### Scottish Credit and Qualifications Framework (SCQF)

This is the national credit framework for all levels of qualifications in Scotland. The SCQF supports the development of routes to progress from qualification to qualification by maximising the opportunities to transfer credit between qualifications. The SCQF aims to implement and embed practice within Scotland's education and training system by assisting employers and individuals to understand the full range of qualifications, how they relate to each other and how they can contribute to appropriate education routes. The SCQF detail in each entry indicates the level of study, as shown in the table opposite.



## LEVELS IN THE SCOTTISH CREDIT AND QUALIFICATIONS FRAMEWORK

SCQF Level	SQA National Units, Credits and Group Award	Higher Education	SVQ's
12		Doctorate	
11		Masters	SVQ5
10		Honours Degree	
9		Ordinary Degree	
8		Higher National Diploma, Diploma of Higher Education	SVQ4
7	Advanced Higher	Higher National Certificate, Certificate of Higher Education	
6	Higher		SVQ3
5	Intermediate 2, Credit Standard Grade		SVQ2
4	Intermediate 1, General Standard Grade		SVQ1
3	Access 3, Foundation Standard Grade		
2	Access 2		
1	Access 1		

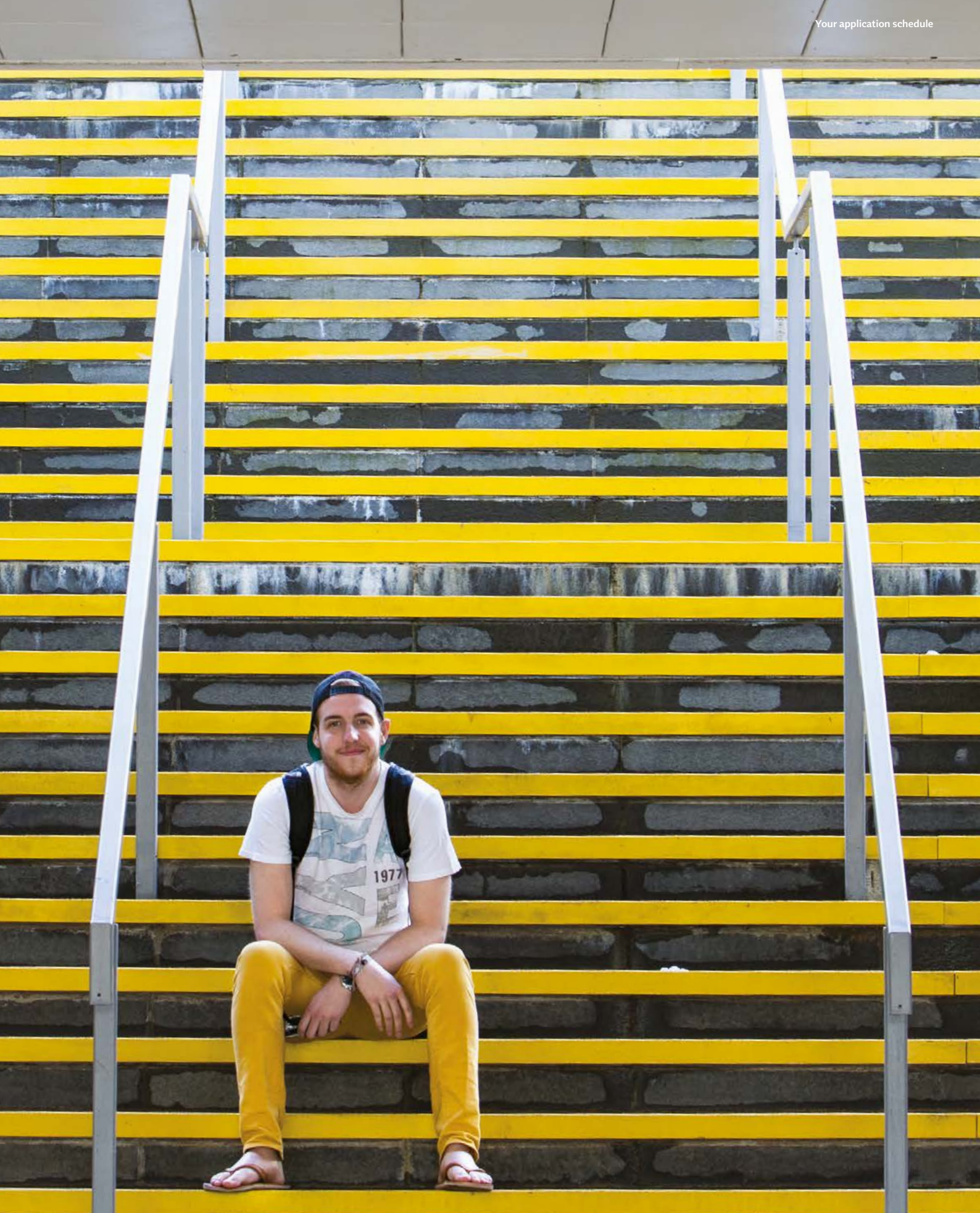




# Your application schedule

2016	
April onwards	Contact our Course Enquiries Team on 0800 027 1000 (44 141 849 4101 outwith UK) or email <a href="mailto:ask@uws.ac.uk">ask@uws.ac.uk</a> for advice on options and relevant information sessions.
May-June	School and college exam periods across the UK.
August	Exam results out.
1 September	UCAS starts accepting applications online at <a href="https://ucas.com">ucas.com</a>
Once you've submitted your application, you'll receive a welcome letter from UCAS confirming your details, the courses applied for and your personal ID number which you will need to track the progress of your application at <a href="https://ucas.com">ucas.com</a>	
2016 UWS Open Days	Ayr Campus Saturday 10th September 2016 (11am-3pm) Dumfries Campus Saturday 10th September 2016 (11am-3pm) Hamilton Campus Saturday 17th September (11am-3pm) Paisley Campus Saturday 17th September (11am-3pm)  For further information on our Open Days please visit our website at <a href="https://uws.ac.uk/opendays">uws.ac.uk/opendays</a>

2017	
15 January	This is the UCAS deadline for all applications to be considered as an On-Time application and therefore be given equal consideration.  Any applications after this date will be considered first-come, first-served, based on places available.
31 March	Initial date for universities and colleges to make decisions on applications received on or before 15th January.
4 May	Applicants must make their decision on first choice if they have received all choice decisions by 31st March.
5 May	Universities and colleges must have sent decisions on all applications received on or before 15th January.
22 June	Applicants must make their decision on first choice if they have received all choice decisions by 5th May.
30 June	Last date for receipt of late applications for consideration.
July-September	UCAS Clearing.
September	University term begins.





# International applications

## How to apply

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](https://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](https://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 136.

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-students/uws-in-your-country/](https://uws.ac.uk/international-students/uws-in-your-country/)

Applicants resident 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 an unconditional offer of admission and paid your full annual tuition fee, 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 six months before the start date of the programme and you will only be able to apply for your visa with the CAS from three months before the start of the programme.

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/visasimmigration/student-visas](https://gov.uk/browse/visasimmigration/student-visas)

## Tuition fees & scholarships

For information on tuition fees and scholarships please see pages 144-145 or visit our website at [uws.ac.uk/internationalfinance](https://uws.ac.uk/internationalfinance)

## 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.

## 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<sup>1</sup> (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.

<sup>1</sup>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. View the full list of approved here: [gov.uk/guidance/immigration-rules/immigration-rules-appendix-o-approved-english-language-tests](https://gov.uk/guidance/immigration-rules/immigration-rules-appendix-o-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/schools/school-of-education/languages/](https://uws.ac.uk/schools/school-of-education/languages/)

# 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



<b>Scottish and EU students</b>		<b>Student loans</b>	<b>Students from England, Wales, Northern Ireland, the Channel Islands and the Isle of Man</b>	<b>Self-financing students</b>	<b>International (non-EU) students</b>	<b>University scholarships</b>	<b>Withdrawal fee</b>
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).		Student loans are processed via the Student Loans Company Ltd, tel 0800 40 50 10 or visit <a href="http://slc.co.uk">slc.co.uk</a> 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:	For applicants normally resident in these areas there will be a requirement to pay tuition fees: for students entering in the 2017/18 acadmic session this will be £9,000 per year for three years, but not more than £27,000 over four.	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 <a href="http://uws.ac.uk/finance">uws.ac.uk/finance</a>	Undergraduate fees for international (non-EU) students for 2017/18 are £12,300 per year. All lab-based programmes may be subject to an additional fee of £1,500 on top of this.	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.	If you change course or withdraw from your course, you must contact the Finance Office to discuss any financial implications and pro-rata charges.
<b>Application for tuition fee payment</b>		Ayr Campus 44 (0)1292 886267	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 – <a href="http://education.gg.gov.je/working">education.gg.gov.je/working</a> or <a href="http://gov.im">gov.im</a>	The figures quoted for the University’s international tuition fees include all tuition, registration and examination costs.	<b>International (non-EU) accommodation discounts</b>	Please note, this applies to all students, including those sponsored by SAAS.	
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 15th October 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 <a href="http://saas.gov.uk">saas.gov.uk</a> or call 0300 555 0505.		Dumfries Campus 44 (0)1387 734279			Provided applications are made by the last Monday of July 2017, all single, non-EU international students are guaranteed a place in University accommodation. International (non-EU) students may be eligible for a discount on their accommodation. Information and the application process for this discount, 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.	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:	You will be required to pay a £40 graduation registration fee in order to graduate.
<b>Degree courses in nursing and midwifery</b>		Lanarkshire Campus 44 (0)1698 283100 ext 8248		<b>Company sponsorship</b>			
<small>NB: Students planning to study at our London Campus should contact the number listed for Paisley Campus in the first instance.</small>		Paisley Campus tel 44 (0)141 848 3803		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 <a href="http://uws.ac.uk/financeforms">uws.ac.uk/financeforms</a>	In subsequent years all international (non-EU) students are required to pay their annual tuition fee in full prior to, or on enrolment, providing this is within one week of formal classes commencing.		<small>*These are currently subject to review and may be changed for 2016/17 - check our website for details or contact <a href="mailto:ar@uws.ac.uk">ar@uws.ac.uk</a></small>
<small>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.</small>			<small>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.</small>	This must be completed and returned to the Finance Office prior to your enrolment. You can also email it to <a href="mailto:ar@uws.ac.uk">ar@uws.ac.uk</a>	<b>International (non-EU) scholarships</b>		<b>Additional costs</b>
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.				Please note that you are responsible for your tuition fees until they are paid in full by your sponsor.	A £2,000 fee discount may be available for self-financing non-EU students. Find out more at <a href="http://uws.ac.uk/scholarships">uws.ac.uk/scholarships</a>	Ayr Campus 44 (0)1292 886267	For some programmes there may be additional costs involved, for example, study materials, fields trips or equipment, which are not included in the tuition fee advertised. You can find out more about any additional costs for programmes for 2017 entry (if applicable) on our website at <a href="http://www.uws.ac.uk/tuition-fees/whats-included">www.uws.ac.uk/tuition-fees/whats-included</a>
						Dumfries Campus 44 (0)1387 734279	
						Lanarkshire Campus 44 (0)1698 894448	
						Paisley Campus 44 (0)141 848 3803	
						or visit <a href="http://uws.ac.uk/fundingadvice">uws.ac.uk/fundingadvice</a>	
						<small>NB: Unfortunately the University accommodation is not suitable for families. Overseas students intending to bring family to Scotland while studying should email us at <a href="mailto:accommodation@uws.ac.uk">accommodation@uws.ac.uk</a> and we will liaise with you on the best options available.</small>	<small>NB: Students planning to study at our London Campus should contact the number listed for Paisley Campus in the first instance.</small>



# Important notice to all applicants

## University terms and conditions

It is important that as a prospective student of University of the West of Scotland you are aware of the Terms and Conditions (Terms) that will apply when you enrol at the University. You should be aware that the Terms are reviewed each year and changes may be made to these prior to your enrolment.

The full Terms can be found on the UWS website under Current Students/Rights and Regulations [uws.ac.uk/current-students/rights-and-regulations/](https://www.uws.ac.uk/current-students/rights-and-regulations/) Here is a summary of the current Terms (at the time of going to print):

### UWS obligations to our students

As a student of University of the West of Scotland you will be:

- Provided with current and accurate information on your programme of study
- Provided with teaching and learning which is in line with current programmes and modules
- Informed about assessments during your programme of study and how reassessment is managed under the Regulations
- Provided with information on work-based learning, and study abroad opportunities

- Able to access University information, advice and guidance services
- Able to have enquiries dealt with courteously and promptly
- Able to have formal complaints and appeals processed in a fair and efficient manner
- Provided with information about student representation on University Committees and opportunities to give feedback on your programme, teaching and other services
- Provided with information on how to access University Regulations, Policies and Procedures
- Informed of any changes to the above through your UWS student email account

### Enrolled student responsibilities

As a student of University of the West of Scotland you have the following responsibilities:

- To take your studies seriously, use University resources and support facilities, and to seek advice from your academic tutors and support staff advising them of any difficulties you may be experiencing

- To attend your classes and submit all your assessments on time and to abide by the Student Engagement Policy; to provide medical certification or other documentation relating to any period of absence or extenuating circumstances (mitigation), [uws.ac.uk/current-students/rights-and-regulations/policies/](https://www.uws.ac.uk/current-students/rights-and-regulations/policies/)
- To familiarise yourself with and abide by the University's Regulations and relevant policies, [uws.ac.uk/current-students/rights-and-regulations/regulatory-framework/](https://www.uws.ac.uk/current-students/rights-and-regulations/regulatory-framework/)
- To provide the University Registry with up-to-date contact and emergency contact details
- To check your University email account regularly
- To provide feedback on your programmes and modules and contribute to quality assurance activities
- To pay fees/arrange payment promptly as required by the University
- To be respectful to all University students and staff, property and equipment
- To comply with the University's Health and Safety Policy, [uws.ac.uk/about-uws/departments/health-and-safety/policies-and-procedures/](https://www.uws.ac.uk/about-uws/departments/health-and-safety/policies-and-procedures/)

- To maintain the University's good name both on and outwith its campuses and to disclose to us any unspent criminal convictions and cautions when applying to us and during your studies

### Money matters

Fees shall be paid by the student in accordance with the terms of the Student Fee Policy and Procedure and the Credit Control Policy.

### Regulations

The Regulations govern our academic awards with the aim of maintaining high standards and with the student experience in mind. We publish our Regulations with a summary of all changes at the start of each academic year. Students will be bound by the Regulations currently approved by Senate for implementation during the session in which the student is enrolled. The University Regulations can be accessed at [uws.ac.uk/current-students/rights-and-regulations/regulatory-framework/](https://www.uws.ac.uk/current-students/rights-and-regulations/regulatory-framework/)

### Student assessments

UWS will require you to submit certain pieces of work by way of E-Submission. The E-Submission system uses an electronic plagiarism detecting programme. Work that you submit may be used by the electronic programme for the purpose of checking the originality both of your work and other students' work and the system will keep a copy of your submission for this purpose. By accepting these Terms you agree that your work may be used in this way. You should make yourself aware of the plagiarism and the academic referencing policies.

### Complaints

The UWS Complaints Handling Procedure reflects our commitment to valuing complaints and seeking to improve the student experience. Our aim is to resolve issues of dissatisfaction as close to the initial point of contact as possible and to conduct thorough and fair investigations of formal complaints so that, where appropriate, we can make evidence-based decisions on the facts of each individual case.

UWS is committed to providing the highest level of service for its students and members of the public who may have contact with the University.

However, the University recognises that, on occasion, legitimate complaints may be raised by students or members of the public.

If you wish to raise a complaint, please follow the University's Complaints Handling Procedure. You should address any complaints to: [complaints@uws.ac.uk](mailto:complaints@uws.ac.uk) or by post to University of the West of Scotland, Academic Services Office, High Street, Paisley PA1 2BE.

### Your personal data

University of the West of Scotland recognises the importance of the protection of personal data. Our Data Protection Policy sets out the rules we follow when processing student data.

We maintain student data in secure conditions. You can find the details of organisations, with which we may share your data with in the Student Privacy Notice.

The University is registered as a data controller with the Office of the Information Commissioner (ICO) and undertakes to process student data only within the terms of its registration. If you have a specific enquiry about student related data, contact the FOI & Records Management Officer at [foi@uws.ac.uk](mailto:foi@uws.ac.uk)

## Communications

The main way we will communicate with you is via your student email address. You can link your student email inbox to your personal email account – instructions are provided at [uws.ac.uk/studentemail](https://www.uws.ac.uk/studentemail) We are committed to supporting students throughout their educational journey by maintaining two-way contact between staff and students which enables individuals to fully participate in all aspects of University life.

## International students

We welcome international students from all over the world each year, many through institutional partners in China, partnership working in South East Asia or through student exchange agreements with institutions in the US and across Europe. For more information visit our website or contact our Course Enquiries Team, tel 44 (0)141 849 4101 or e-mail [ask@uws.ac.uk](mailto:ask@uws.ac.uk)

## Smoke-free policy

The University operates a smoke-free policy at Ayr, Lanarkshire, London and Paisley campuses. In Dumfries, because the campus does not belong to UWS, the policy cannot apply in the same way.

However, the University strongly advocates maintaining a smoke-free environment at Dumfries Campus. Visit [uws.ac.uk/smokefree](https://www.uws.ac.uk/smokefree) for more details.

## Portfolio review

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



# Further info

### Lanarkshire Campus relocation

At the time of publication plans are being developed to potentially relocate our Lanarkshire Campus to Hamilton International Technology Park on the outskirts of the town, creating a bespoke, state-of-the-art university campus with outstanding academic, social and leisure facilities on site. The new campus will give UWS students access to some of the most advanced and technologically enabled learning environments available. If plans are approved by the University Court our new Lanarkshire Campus will likely be in place for the start of the 2017 academic session, with a phased move to the new location from that date. Therefore programmes listed in this prospectus with delivery at Lanarkshire Campus may run at the new campus from 2017.

### 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](http://uws.ac.uk/equality)

### 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](http://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](mailto:ask@uws.ac.uk)

# OPEN DAYS 2016

AYR CAMPUS  
THE ATRUM  
10 SEPTEMBER  
11AM – 3PM

DUMFRIES CAMPUS  
BROWNE HOUSE  
10 SEPTEMBER  
11AM – 3PM

LANARKSHIRE CAMPUS  
ALMADA HALL  
17 SEPTEMBER  
11AM – 3PM

PAISLEY CAMPUS  
STUDENTS' UNION  
17 SEPTEMBER  
11AM – 3PM

LONDON CAMPUS  
TO ARRANGE A  
VISIT EMAIL  
[INFO.LONDON@UWS.AC.UK](mailto:INFO.LONDON@UWS.AC.UK)

For terms and conditions see our website [www.uws.ac.uk](http://www.uws.ac.uk)  
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