

The logo for the University of the West of Scotland (UWS) is a gold-colored circle containing the university's name and the acronym 'UWS'.

UNIVERSITY OF THE  
WEST of SCOTLAND

UWS

**Undergraduate  
Prospectus 2020**

A close-up photograph of a young man with curly hair and sunglasses, smiling broadly. A young woman is partially visible behind him, also smiling.

**Dream,  
believe,  
achieve.**

*A 21st century university.*

A photograph of a modern university hallway. Three students with backpacks are walking away from the camera. The hallway is bright and has large windows.

**Believe in you.  
We do.**

[uws.ac.uk](http://uws.ac.uk)

UCAS Institution Code **U40**

### Paisley Campus

Paisley  
Renfrewshire  
PA1 2BE  
Scotland, UK  
+44 (0)141 848 3000

### Lanarkshire Campus

Stephenson Place  
Hamilton International Technology Park  
South Lanarkshire  
G72 0LH  
Scotland, UK  
+44 (0)1698 283 100

### Ayr Campus

University Avenue  
Ayr  
South Ayrshire  
KA8 0SX  
Scotland, UK  
+44 (0)1292 886 000

### Dumfries Campus

Dudgeon House  
Dumfries  
Dumfries and Galloway  
DG1 4ZN  
Scotland, UK  
+44 (0)1387 345 800

### London Campus

235 Southwark Bridge Road  
London  
SE1 6NP  
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### Applicant Enquiry Team

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+44 (0)141 849 4101  
email: ask@uws.ac.uk

uws.ac.uk

# What makes UWS?



Is it the **inspiring lecturers** with years of industry experience?  
Or is it the **career-focused** courses designed to equip you with the **skills and confidence** to succeed?

Or could it be **hands-on learning**, and **placements** where you put theory into practice on **real projects?**

**It's all of these and more.**  
We're a modern university for the twenty-first century.  
**Join us.**



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# Making our mark



of UWS graduates are in work or further study 6 months after graduating

HESA performance indicator 2016/17

Officially recognised by Times Higher Education as being in the top 500 universities worldwide and in the top 150 universities under 50 years of age



Top Young University in Scotland and 4th in the UK



Internationally excellent & world-leading research

Research Excellence Framework 2014



2016 Athena Swan Institutional Bronze Award Winner

## 2020



Education programmes ranked number 1 in the UK in Guardian University Guide 2020



Ranked in the top 3 Scottish universities for teaching excellence

Times Good University Guide 2019

## Winner

Student Support Team of the Year & Research Project of the Year

The Herald Higher Education Awards 2017





# At a glance



## 5 Campuses 1 University

Campuses across the west of Scotland in Paisley, Lanarkshire, Ayr and Dumfries; plus a campus in central London.



### Study abroad opportunities



### Practical experience options

### Origins dating back to



### Professionally recognised programmes



### Excellent travel links from across the UK and further afield



### About **19,900** students

### **60+** undergraduate courses

# Our campuses

Our Scottish campuses offer a gateway to the best of what Scotland has to offer. They are based in four central locations in the heart of the west of Scotland – Ayr, Dumfries, Lanarkshire and Paisley.

From the hustle and bustle of Scotland's energetic cities to enchanting mountain tops, serene glens, mysterious lochs, idyllic white sandy beaches, turquoise seas and even the odd palm tree, we guarantee that studying in the west of Scotland will leave you with lasting memories.



Our London Campus is located in a vibrant part of the city centre, allowing our students to experience one of the world's most famous cities.



## Paisley Campus

Our Paisley Campus combines heritage and history with all the facilities you'd expect from Scotland's largest town. It's also just 10 minutes by train from Glasgow, one of Europe's most exciting and dynamic cities.

### Campus life

Paisley Campus is home to around 10,000 students and four academic schools. It occupies over 20 acres in the centre of town with excellent teaching and study facilities including a well-equipped library, state-of-the-art science labs and industry-standard music technology suites.

It's important to keep a healthy balance between study and leisure, and there are a wide range of extra-curricular activities and entertainment options on offer at the sports centre and our Students' Union.

### Travel

Paisley Campus is easily accessible by train, bus and car. The campus is also less than three miles from Glasgow International Airport.

Visit our website for more information on travelling to Paisley Campus: [uws.ac.uk/paisley](https://uws.ac.uk/paisley)

### Accommodation

Our on-campus accommodation in Paisley includes a purpose-built £13.2m student residence and traditional flats.

In 2019/20 the cost of our en-suite rooms in the residence was £109 per week; and a room in our flats ranged from £93 per week for a single, non en-suite room in a two-bedroom flat to £157 per week for a single occupancy one-bedroom flat.

Prices are inclusive of:

- Utility bills and contents insurance cover

Free wifi is available in our accommodation.

These prices may be subject to change for 2020/21, check our website for further information: [uws.ac.uk/accommodation](https://uws.ac.uk/accommodation)

## Well-connected across the west of Scotland



## Lanarkshire Campus

Our new, ultra-modern Lanarkshire Campus opened in 2018 and is located at Hamilton International Technology Park. Its interactive and technology-rich learning spaces are some of the most innovative in the UK.

### Campus life

With its innovative learning and social spaces, UWS Lanarkshire is at the forefront of modern learning environments and significantly enriches the educational journey of our students.

Our new campus is also a sustainable space for sustainable minds. With state-of-the-art gym, health and fitness facilities it is one of the UK's greenest educational environments, powered by 100% renewable energy.

### Travel

Lanarkshire Campus is located two miles from Hamilton town centre and 30 minutes by train or bus from Glasgow city centre.

Visit our website for more information on travelling to Lanarkshire Campus: [uws.ac.uk/lanarkshire](https://uws.ac.uk/lanarkshire)

### Accommodation

Our student residences are located in Hamilton town centre, with a frequent bus service operating to the campus. The purpose-built flats accommodate 156 students in single study bedrooms with shared facilities.

In 2019/20, accommodation was £85 per week. Price is inclusive of:

- Utility bills and contents insurance cover

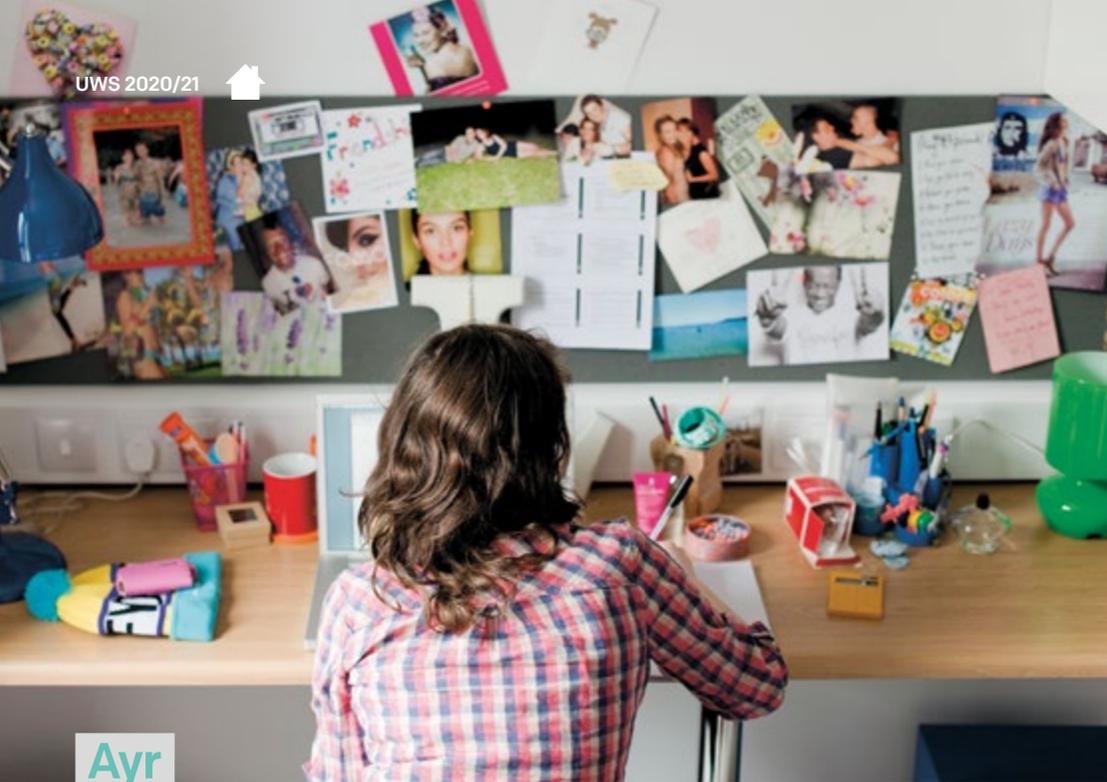
Free wifi is available in our accommodation.

These prices may be subject to change for 2020/21, check our website for further information: [uws.ac.uk/accommodation](https://uws.ac.uk/accommodation)

## Our new campus

Find out more about this next generation learning environment on page 11.





## Ayr Campus

Our state-of-the-art £81 million campus by the River Ayr opened in 2011 and is a 10-minute walk from the town centre. Inspired by the area's woodland surroundings, Ayr Campus is an exceptional space for study.

### Campus life

Ayr Campus is one of the UK's most modern, environmentally friendly and sustainable higher education learning facilities. Students have access to our award-winning library and extensive teaching facilities including studios and labs for performance, music, broadcasting, education and healthcare.

From events at the Students' Union to sessions in the fitness suite, there are also a great range of opportunities for socialising, relaxing and having fun.

### Travel

Ayr Campus is just a 10-minute walk from Ayr town centre and is well served by public transport links, cycle paths and walking routes. It's also just under an hour away from Glasgow by train or car.

Visit our website for more information on travelling to Ayr Campus: [uws.ac.uk/ayr](https://www.uws.ac.uk/ayr)

### Accommodation

Ayr Campus offers student accommodation just a few minutes' walk from the main campus building. It houses 200 students and each flat consists of 4 to 5 private en-suite bedrooms with a shared open plan kitchen/lounge area.

In 2019/20 costs ranged from £109 per week for an en-suite room to £157 per week for a one-bed studio flat. Prices are inclusive of

- Utility bills and contents insurance cover

Free wifi is available in our accommodation.

These prices may be subject to change for 2021/22, check our website for further information: [uws.ac.uk/accommodation](https://www.uws.ac.uk/accommodation)



## Dumfries Campus

Dumfries is UWS's smallest campus, but it is a unique multi-institution facility located within a historic 85-acre parkland estate just two miles from the centre of Dumfries.

### Campus life

The campus has state-of-the-art learning facilities and currently operates across five distinct, historic buildings. Students have access to excellent teaching and study facilities including the library, fully equipped classrooms and an industry-leading clinical skills training unit.

There are also a range of extra-curricular activities and social events on offer to keep you entertained.

### Travel

Regular bus and rail services operate to Dumfries from the nearby city of Carlisle, and from both Edinburgh and Glasgow.

Visit our website for more information on travelling to Dumfries Campus: [uws.ac.uk/dumfries](https://www.uws.ac.uk/dumfries)

### Accommodation

The University does not offer UWS-managed student accommodation in Dumfries, but private rental options through local letting agents and individual landlords are available.

The University cannot endorse private accommodation, or private companies providing accommodation to students, but can offer guidance and advice on finding somewhere to live – contact [accommodation@uws.ac.uk](mailto:accommodation@uws.ac.uk)



## London Campus

Our campus is situated in the heart of London, one of the world's most exciting cities. It offers attractive, modern facilities in close proximity to major attractions in Central London.

### Campus life

UWS London Campus is home to nearly 1200 students from all over the world. Experienced teaching staff, many of whom are drawn from outside of the UK, add a global perspective to academic life at UWS.

Students enjoy innovative teaching facilities as well as all of the entertainment and leisure activities that London has to offer.



### Travel

London's fantastic transport system, with its underground, red buses and black taxis, means you can get around the city quickly and easily. The city is in close proximity to five international airports and there are easy rail links from London to France via the Channel Tunnel.

Visit our website for more information on travelling to London Campus: [uws.ac.uk/london](https://www.uws.ac.uk/london)

### Accommodation

The University does not offer UWS-managed student accommodation in London, but there are many private rental options for students seeking accommodation.

For help and advice, please contact UWS London Campus: [info.london@uws.ac.uk](mailto:info.london@uws.ac.uk)

# Study in the west of Scotland

Each of our campus locations within the west of Scotland has its own individual character, architecture and social-scene.

## Ayr

Ayr is a popular seaside resort located 37 miles south-west of Glasgow. The town is set among some of Scotland's most impressive scenery and looks out on the Firth of Clyde, with the peaks of Arran in the foreground and the Mull of Kintyre in the background. Packed with historical sites, Ayrshire's visitor attractions include unspoiled beaches and rolling hills, castles, a racecourse and numerous golf courses.

Find out more about Ayr at [south-ayrshire.gov.uk/tourism](http://south-ayrshire.gov.uk/tourism)

## Dumfries

With a population of 38,000, Dumfries provides all the amenities of a city, but on a smaller scale. Restaurants, pubs and clubs are plentiful, entertainment options include sports and health clubs and cinemas, as well as high street and independent shops. The cost of living is also relatively low in Dumfries.

Find out more about Dumfries at [dumfries-and-galloway.co.uk](http://dumfries-and-galloway.co.uk)

## Lanarkshire

Lanarkshire offers lots to see and do – including a number of country parks and nature reserves such as Strathclyde Park. The area has first-class sporting and leisure activities, including football, rugby, golf, tennis, ten-pin bowling, swimming and horse riding. Lanarkshire offers plenty of shopping options as well as a theatre, cinema and a range of bars, nightclubs and restaurants.

Find out more about Lanarkshire at [visitlanarkshire.com](http://visitlanarkshire.com)

## Paisley

Once a quiet market town, Paisley was transformed into an international hub for textile design and production during the Industrial Revolution. In the present day, Paisley is a vibrant town with a lively music and entertainment scene alongside a great selection of shops, museums and attractions combined with excellent travel connections across Scotland and its own international airport.

Find out more about Paisley at [paisley.is](http://paisley.is)



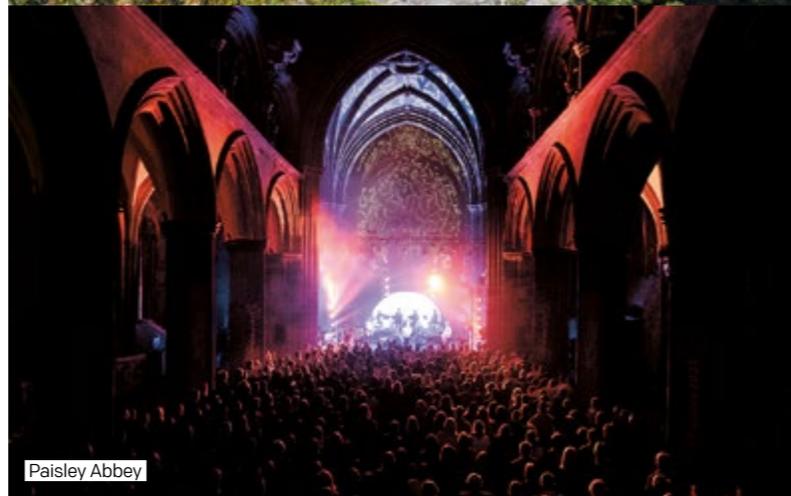
Ayr beach



Dumfries



Falls of Clyde, Lanarkshire



Paisley Abbey

# Explore Scotland

Scotland is an exciting place to live, work and study. It's rich in tradition yet culturally diverse and there really is something for everyone.

It has more world-class universities per head of population than anywhere else in the world and the highest rates of student satisfaction in quality of teaching in Britain. Scotland's graduates also have the highest rate of employment or further study in the whole of the UK.

UWS students at our Scottish campuses are perfectly placed to enjoy everything that Scotland has to offer.

## Glasgow

Glasgow, one of Europe's most vibrant, dynamic and stylish cities, is just 10 minutes from Paisley Campus, 30 minutes from Lanarkshire 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 entertainment

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.



River Clyde



The Shard

## UWS London

London is a capital city full of culture and opportunities. It is diverse in nature, with over 230 languages spoken and a wealth of different cultures and communities. It is also 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.

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 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) and [scotland.org/study](http://scotland.org/study)

There are an almost endless number of other visitor attractions in London including Tate Modern, the National Gallery and the Victoria and Albert Museum. According to the Globe Shopper City Index, London is also Europe's best shopping destination.

The city is well connected to the rest of the world with five international airports and the high speed Eurostar rail link.



Scottish Parliament

# Advanced entry

For students entering direct into 2nd, 3rd or 4th year

We're proud to welcome over a thousand students from colleges in Scotland each year to our programmes and have excellent support facilities for those joining us from college.

**College to university**  
If you already have a college qualification, or are working towards one, most of our programmes offer the opportunity to progress (also known as articulate) with an HNC directly into Year 2 and with an HND directly into Year 3 of a UWS degree programme. For specific grades and subjects required see [uws.ac.uk/ug](https://www.uws.ac.uk/ug)

UWS has close links with colleges and has formal learner pathway agreements with eight partner colleges: Ayrshire; Dumfries & Galloway; City of Glasgow; Glasgow Clyde; Glasgow Kelvin; New College Lanarkshire; South Lanarkshire; and West College Scotland.

We also articulate students from other institutions such as Forth Valley College, Edinburgh College and Fife College.

To accelerate your move from college to university, our College Engagement Partners work with colleges in the west of Scotland to support your move to UWS.

To help you get ready for university while you're at college, you can join our Associate Student Scheme which gives access to some of the University's facilities (such as the library, the union and sports facilities). You can also access our dedicated Moodle site for college students. There will be dedicated sessions at our Open Days for college students. By attending one of our Open Days you will have the opportunity to visit your chosen campus, meet with current students and familiarise yourself with where you will be studying. 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 detailed information about pathways and entry requirements for specific courses visit the course pages on our website at [uws.ac.uk/ug](https://www.uws.ac.uk/ug)

**Our college partners include:**



Further details on entrance requirements and the suitability of your planned programme of study are available from our Applicant Enquiry Team on **0800 027 1000** (44 141 849 4101 outwith UK) or by email at [ask@uws.ac.uk](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.*

**Student profile**

## Course turned my life around

**Lynn Greenlees**

**Programme**  
BA (Hons) Sports Coaching & Development

**When homecare worker Lynn Greenlees decided to start going to her local gym, she never imagined it would reignite her passion for exercise, and help kickstart a new career.**

After completing an HNC, then an HND in Sports Coaching, mum-of-two Lynn was able to enter the third year of our Sports Coaching & Development course.

Lynn, who is dyslexic, faced up to the challenges of studying with the same determination that she puts into her own training routines at the gym.

She says: "It was daunting enough returning to education as a mature student, but I thought my dyslexia would hold me back. It hasn't. The UWS course, and my tutors and lecturers have been brilliantly supportive, and now I love studying."

"My dyslexia hasn't held me back; if I need it, I'm allowed extra time to complete assessments or exams."

"The course offers a unique mix of practice and theory – looking at everything from sports psychology, to sociology, nutrition and fitness – and all that helps inform and shape my own training regime."

**Placement led to employment**  
Lynn is also passing on her love of fitness and exercise to others, after a part-time university placement at a local gym led to the offer of a full-time position.

She said: "I love encouraging women, of all ages and shapes, to get into the gym. I run regular fitness and circuit classes, as well as advising on training and nutrition. I love seeing the difference I can make to people's lives, and their self-confidence."

"My classes cater for everyone, from older ladies to teenage girls. Getting fit is really empowering. So many women, especially young girls, see unattainable body images on social media. A well-structured programme of diet and exercise can help anyone achieve their personal goals."

"I also love taking the fitness message into local schools, giving girls the confidence to take up and enjoy exercise."

"Running classes and visiting schools also helps with my own studies, allowing me to re-examine and re-evaluate what I have learned in class."

**"The course has changed my life for the better."**

**My end goal**  
Lynn also practices what she preaches at home, where, thanks to training together, her fiancé has managed to shed four and a half stone.

She says: "Before I started at UWS, I was training for myself. Now I'm training to help others, and that is really satisfying. I love seeing my students' 'before and after' pictures, seeing how I have helped them become fitter, healthier and happier."

"The course has changed my life for the better."

"Once I complete my Masters, I want to go into sports education, either as a teacher or lecturer, and help others enjoy the health benefits that I've enjoyed."

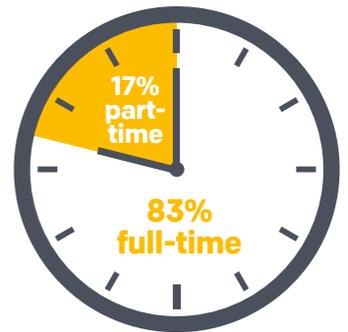


Advanced entry

**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. For more details visit [uws.ac.uk/pt](https://www.uws.ac.uk/pt)

## Our student body



# A modern university



## Always looking forward

Our courses and facilities are constantly adapted and fine-tuned, making you ready for an ever-changing, internationalised world.

### A global outlook

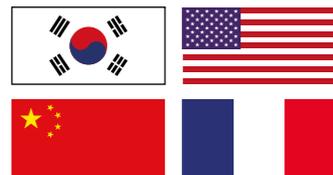
From Paisley to Pakistan, Lanarkshire to Laos, and beyond. We're an international university with links around the globe. We're committed to diversity, collaboration, and a curriculum that helps students stand out in the global job market.

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.

#### 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 – 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. For updates, please see [erasmusplus.org.uk](https://erasmusplus.org.uk)

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



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

#### 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.

#### Benefits of international experience

Beyond the amazing experiences you will have, those who study abroad are more likely to obtain first-class honours or an upper second-class degree. They also commanded a higher salary (average 5.5% more) six months after graduating. (Source: [universitiesuk.ac.uk/International/Documents/2019/Gone-Intl-2019.pdf](https://universitiesuk.ac.uk/International/Documents/2019/Gone-Intl-2019.pdf))



### Unique link-up with China

UWS has become the first official Scottish training partner for China after receiving accreditation from China's State Administration for Foreign Expert Affairs (SAFEA). This means we will provide expertise and technical and managerial training to organisations in China, as well as providing overseas training to Chinese professionals.



  
140 European partners

  
Our student body is drawn from a third of the globe

Over 3,500 international students



Global study and exchange options through the Association of Commonwealth Universities Programmes

32 study abroad countries within the EU Erasmus+ programme

## Modern Teaching Facilities

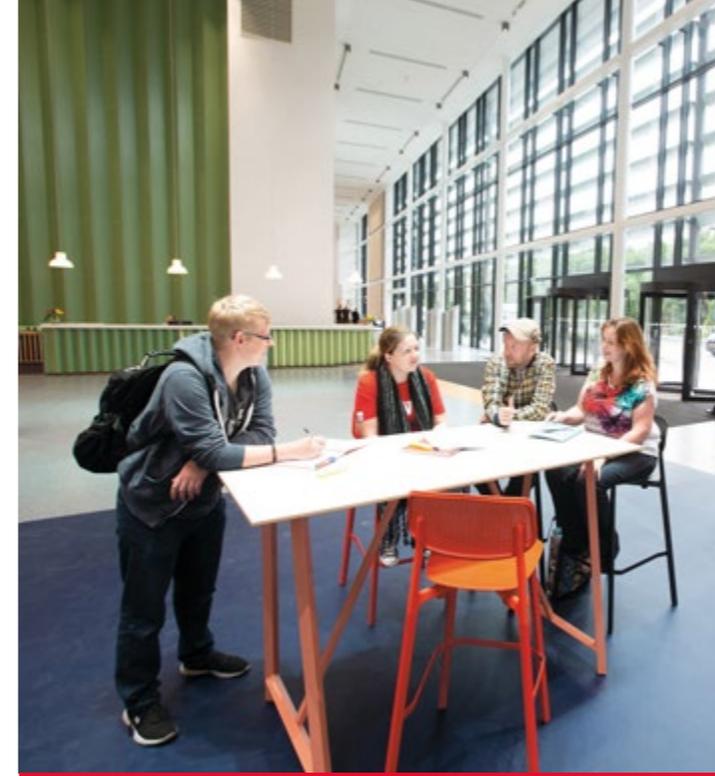
**Equipped for modern learning**  
Prepare for your future career with access to state-of-the-art equipment across our campuses and opportunities to put your knowledge into practice in real-world environments.

Our sector-leading facilities include:

- Industry-standard engineering workshops
- Innovative teaching spaces
- Nursing simulation wards
- Specialist computer games, animation and music technology labs
- Interdisciplinary science labs
- Performance studios and suites

Each of our campuses has a well-equipped library suitable for individual or group study (and you can have a coffee while you're hard at work). You'll have access to over half a million items on the shelves, a wealth of online resources, free wifi and hundreds of computer workstations.

Our online learning environment, Moodle, allows remote access to course material and keeps you up-to-date with your fellow students wherever you are.



## New Lanarkshire Campus

**Students at UWS's new £110 million Lanarkshire Campus are immersed in the next generation of learning environments.**

The campus, which has capacity for 4,000 students, is set on the 38-acre Hamilton International Technology Park and was three-years in the planning.

**Welcome to the future**  
UWS staff looked at new ideas and new thinking around the world in the delivery of teaching, to create flexible and adaptable learning spaces, ones that can change and adapt to the needs of students and staff.

By embedding the latest technology, we have tried to future-proof the building for the next generation of students. In doing so, we haven't forgotten the environment.

Green thinking is at the heart of the campus; not only does the site run on 100% renewable power, generated by a nearby windfarm, the main building also has its own rainwater harvesting system.

**On-site opportunities**  
The campus's technology park location provides a host of collaborative and student placement opportunities with neighbouring companies, meaning UWS students will be able to study, work and carry out research projects on the wider campus.

The park - considered one of the UK's most successful Enterprise Zones - is already home to more than 80 local, national and international companies - including Scottish Power, Babcock, HSBC, John Lewis and Centrica.

**Delivering the dream**  
It was the job of UWS Senior Social Sciences lecturer Gordon Heggie and his team to help deliver on the campus dream of a new approach to learning, and UWS students and staff had their say on the building's layout design.

**"My role was to help deliver a campus fit for the future."**

Gordon says: "Before we even started to design the interiors we staged workshops and focus groups with staff and students to hear how they would like the building to work for them.

"Lectures, tutorials and personal learning don't have to be done in a traditional classroom or lecture theatre-setting. The technologies we've embedded in the new campus, the flexible and adaptable spaces we've created, should help set students and staff free."

**A learning experience**  
"It was a huge challenge," admits Gordon, "trying to balance the needs and wants of staff and students, and future-proof the building for technological changes we can't even see.

Centred around a unique, street-like atrium, the campus's well-designed social spaces provide the ideal environment for students, staff and the wider public to study, relax, meet friends, grab a coffee or simply 'hang out'.

"Make no mistake," says Gordon. "What we have delivered is game-changing, both in terms of teaching and learning."

# A supportive university

## With you every step of the way

### We invest in people's potential to shape their future.

We take a nurturing and personal approach to produce world-ready graduates, ensuring that each of our students is ready to meet the demands of their chosen profession.

### The big picture

Research by Universities UK predicts an undersupply of graduates across the UK by 2022. It notes that employers want graduates with a greater mix of job-specific skills, general employability related skills and real work experience. The report also highlights the need for increased communication between universities and employers about the skills graduates need in their sector.

At UWS this has long been a key part of our teaching. We take a unique approach to make sure our graduates are ready to meet the demands of their chosen professions.

Many of our degrees include opportunities for practical – and in many cases paid – work experience. We bring in experts from industry for insight sessions and workshops and we provide opportunities for our students to enhance their entrepreneurial, language and communication skills.

### 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. That's why we work with a range of placement employers across all sectors at home and abroad.

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.



Other benefits of practical experience include:

- Increased confidence
- Enhanced commercial awareness and business acumen
- Improved people skills such as communication, problem-solving, team work and self-management
- Deeper insight into your skills, strengths and abilities
- Opportunities to network and build industry contacts
- Practical application of theoretical knowledge

### Programmes designed for industry

We work with leaders from business, industry and the professions to design our programmes, ensuring students have the relevant skills and knowledge 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.

### Guest lectures

We regularly invite experts from industry and the professions to talk about their experiences. This gives our students unique insights into their chosen professions through lectures, workshops and project work.

### Supporting your career development

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

### Professional recognition

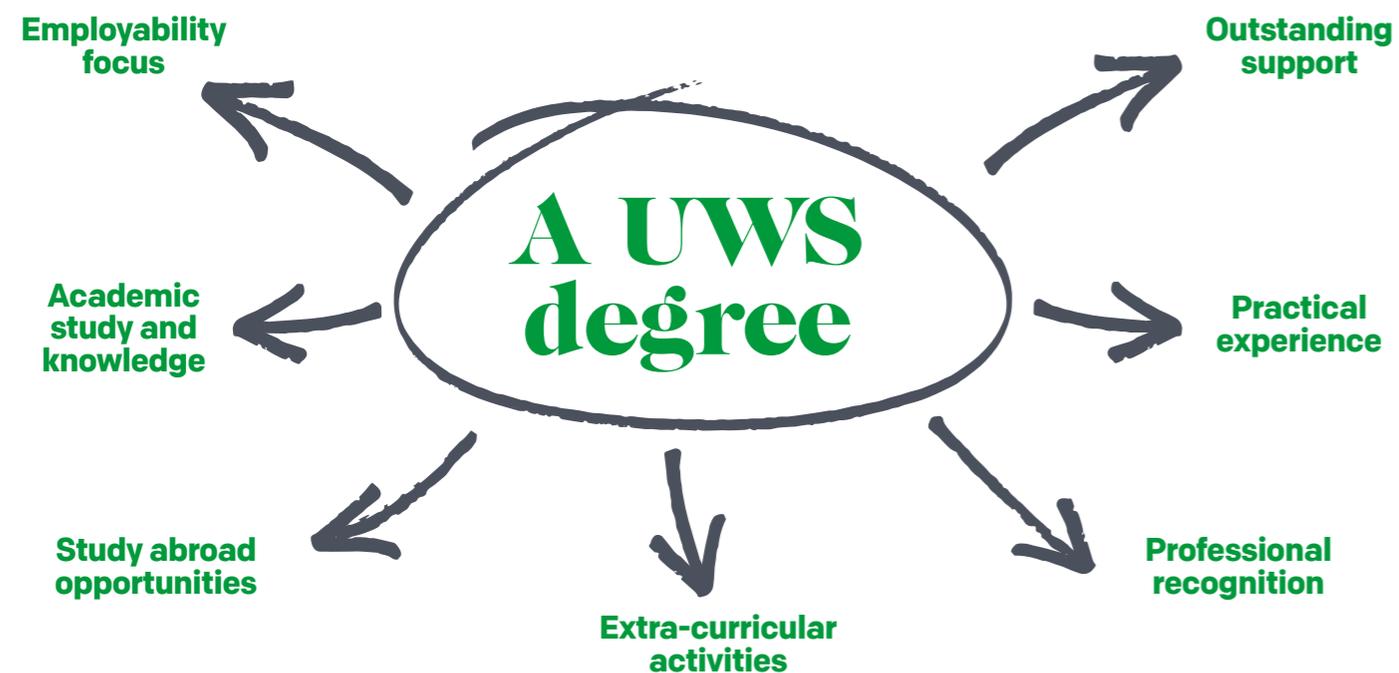
Many of our degrees are recognised by professional bodies, demonstrating that they meet – and often exceed – industry requirements. This will enhance your job prospects and give you a competitive advantage in the graduate employment market.

Our course descriptions include details of individual programme accreditations.

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

You will have access to a vast range of online resources including a CV builder, interview simulator, employer videos and much more. We also run a variety of career development workshops, events and awards including an Employer Mentoring Programme and Volunteer Recognition Award.

Our initiatives are designed to motivate, inspire and give you an invaluable insight into your chosen career path.



Some examples of companies our students have undertaken placements with, are shown below.



## Learn from the best

At UWS, your learning experience will be shaped by those working at the forefront of their profession. Our teaching staff are highly ranked researchers in their fields, there is extensive input from industry experts and placement opportunities are available with national and international organisations.

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.

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 were ranked as having international or world-leading status in terms of their originality, significance and rigour.

### REF 2014 highlights

**100%**

of the Impact Case Studies in Communication, Cultural and Media Studies, Library and Information Management in our submission were judged to be World-Class/Internationally Excellent

**88%**

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

## 2nd in Scotland

for Electrical and Electronic Engineering, Metallurgy and Materials



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 areas

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

## UWS joins the space race

**A unique collaboration between University of the West of Scotland and the International Space School Educational Trust (ISSET) is already opening new frontiers in science.**

The partnership, launched in January 2018, has seen UWS staff and PhD students link-up with the North American Space Agency (NASA) and American academic institutions to carry out experiments on the International Space Station.

**Out of this world**  
UWS academics have applied their knowledge from areas, including gas sensing technologies, to grow healthy plants on the International Space Station. They will also study the effects of growth hormone on muscle mass and cognitive function in space, as well as carry out experiments in the applicability of 5G technology in a non-earth atmosphere.

With Scotland now building more space satellites than any other country in Europe, employing 7,200 people, mainly in the Glasgow area, the sector is already worth over £130million annually to the Scottish economy.

## Our public sector links include partnerships with Oxfam Scotland and Alzheimer Scotland

## Facing up to the challenge



**Dr Margaret Brown, Senior Lecturer in the Alzheimer Scotland Centre for Policy and Practice at UWS is a woman with a mission; to improve the understanding and nursing care of people living with dementia.**

**Woman with a mission**  
A qualified mental health nurse, Margaret has devoted her career to dementia care; from inspiring further generations through her work with student nurses, right through to improving best practice with her research, publications and delivery of learning and education courses.

That dedication was recognised in 2016, when Margaret was awarded a special Lifetime Achievement Award at Scotland's Dementia Awards.

**Growing problem**  
Dementia is the biggest health and social care challenge faced by society today. There are around 90,000 people living with dementia in Scotland and around 3,200 are under the age of 65. By the year 2020 there will be more than one million people living with dementia in the UK.

Margaret says: "Dementia is something that will touch almost all of us in our lives, whether it be an older parent, a partner, or another relative. It's very important that our nurses have the skills, the knowledge and compassion to care for people with dementia. That understanding needs to be at the centre of any care."

**Changing perceptions**  
"Dementia care has changed dramatically over the years," says Margaret, "and UWS has been one of the drivers of that change. We want to influence policy about people living with dementia but also make sure that policy is reflected in everyday practice."

Part of that change is the way in which UWS embeds dementia knowledge and skills in all its nursing courses.

Margaret says: "It's very important that our nurses are at the forefront of dementia care. We must listen to people with dementia, and their families and carers. It's about enabling the person with dementia to live well. Listening to the person allows us to recognise what works for one person, might not work for another."

Nurses must have the knowledge and skills to create care that responds to the person's needs."

**Design and care**  
"At UWS, we work with people with dementia, their carers and families to help plan and design our research, teaching and practice."

"Working in partnership with Alzheimer Scotland and health and social care organisations we research and support evidence-based practice."

**Dementia Champions**  
UWS is at the forefront of developing new ideas and approaches to improve quality of care and quality of life for people with dementia and those who care for them.

Key to that is the education of Scotland's Dementia Champions, working to improve the quality of care provided for people with dementia in hospitals.

Margaret says: "So far, UWS has trained over 800 Dementia Champions. They will be change agents, helping us all to better understand and care for those living with dementia, their family and friends."



# A vibrant community

Ask our students and staff about what makes us unique and they'll tell you about the friendly and welcoming feel of the campuses; and the approach from our academic and professional services staff who do all they can to make our students feel encouraged and supported.

## Student support

### Our student services include:

- Funding & Advice
- International Student Support
- Counselling
- Multifaith Chaplaincy
- Disability Support

### Supporting your ambitions

We want you to get the most out of your time at university, and to help you do this we have a range of services that you can access if you need support or advice.

Our specialist student support teams, based on each campus, can offer advice on a range of matters. We can help with enquiries about funding, childcare provision, exams and assessment, wellbeing and health, academic skills, career development and much more. We also offer counselling, a multi-faith chaplaincy, disability support and a dedicated international student services team.

### The Hub

The Hub is a social and learning student space on Paisley Campus and in our new Lanarkshire Campus that offers a route to the student-focused services offered by the University. Students can come in to speak with The Hub team, who include student assistants, or use the self-help points in The Hub area. The Virtual Hub provides access to The Hub services online ([hub.uws.ac.uk](http://hub.uws.ac.uk)) and by telephone (+44 141 848 3800) to all UWS students across the campuses.

The Hub aims to put the student experience at the core of all that we do.

### Careers & Skills

Our Careers & Skills Team provides support for the development of academic, professional and career skills.

The support provided by our qualified Careers Advisers includes advice and guidance on career planning, graduate recruitment, further study, placement, part-time work and volunteering.

Our Academic Skills Advisers provide advice, guidance and resources to help develop and enhance your academic skills, including referencing, exam preparation, essay/report writing and critical thinking.

Students can access a comprehensive range of Careers & Skills resources online, and can also attend the many workshops and events delivered on campus, as well as book one-to-one appointments.

For more information visit [uws.ac.uk/careersandskills](http://uws.ac.uk/careersandskills)



## Winner Student Support Team of the Year

The Herald Higher Education Awards 2017



“The campus feels very relaxed. It’s a very dynamic and engaged environment.”

**Toby Forster**  
Accounting student

### Other sources of support

**Students’ Association (SAUWS)**  
SAUWS aims to represent your needs and provide support, well-being and social services for all UWS students.

See page 16 to find out more.

### Enterprise & Employer Engagement Team

We support new business ideas and celebrate the growing pipeline of enterprise talent emerging from the University’s student community. You can discuss your business ideas with us and we can provide help and support for enterprise skills development, funding applications, incubation, mentoring opportunities, and much more.

We work in partnership with the start-up ecosystem including organisations such as Converge Challenge, Scottish Institute for Enterprise, Scottish Edge, Enterprise Campus and Business Gateway to provide funding and support on start-up toolkits, business model planning, marketing and finance.

### The Library

UWS Library plays a vital role in supporting your academic success. There is a library at each campus, and you’ll find that our vibrant learning spaces will be at the heart of your experience at UWS.

Library staff are dedicated to providing you with access to the information you’ll need to develop your knowledge of your chosen subject. Visit our ‘Ask a librarian’ sessions and book appointments with the team. They will also advise you about the most reliable sources of information for academic assignments, reading lists, search techniques, referencing, avoiding plagiarism, and accessing resources from other libraries.

For your convenience, many library services and resources – such as electronic books and journal articles – are available online 24 hours a day. Use the One Search discovery tool to find all you need for your studies.

For more information about UWS Library visit [uws.ac.uk/library](http://uws.ac.uk/library)

“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**  
Business and Law student



## 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.



### Team UWS

With over 20 competitive and recreational sports, there has never been a better time to become part of Team UWS. It's never been easier for students to participate and compete for Team UWS as every Wednesday afternoon has now been allocated as free from classes for the majority of courses. Whatever your sporting interest we've got something for you.

For more information about Sport at UWS email [sportenquiry@uws.ac.uk](mailto:sportenquiry@uws.ac.uk)

### Ayr Rugby Club

UWS and Ayr Rugby Club signed a unique partnership in 2019 which will see UWS students benefitting from newly created undergraduate internships giving them the opportunity to work closely with Ayr Rugby across a number of areas including strength and

conditioning, performance analysis and marketing and promotion. These unique internships will form part of the students' degree programmes at UWS and will allow them to gain experience at all levels within a competitive club, as well as supporting Ayr Rugby in key areas.



### Performance

The UWS Sport Scholarship programme offers a range of financial support, performance services and academic flexibility to our highest performing students and aspiring senior performers. We work closely with organisations like Winning Students, national governing bodies and other sports partners to ensure access to a range of facilities, services and targeted individual support.

For more info on the Sport Scholarship programme contact [sport.scholarship@uws.ac.uk](mailto:sport.scholarship@uws.ac.uk)



### Scholarship success

Callum Hawkins is one of the recipients of the UWS Sport Scholarship programme and he is continually doing the University proud by competing at the top of his sport. Callum competed in the Mens' Marathon at the 2016 Olympic Games in Rio finishing in an excellent ninth place and even more recently equalled the best ever performance by a British male in the 2017 IAAF World Championship Marathon in London, finishing in fourth place with a personal best time. Callum also competed in the Men's marathon at the 2018 Commonwealth Games in the Gold Coast, Australia.

"Being part of the Sport Scholarship programme at UWS has helped me incredibly, not only with the academic side of things and balancing this with sport, but also with the financial support provided."

Callum Hawkins

### Club sport

UWS works with the Team UWS Sports Union and external partners to ensure that programmes are available across a range of team and individual sports, providing opportunities to compete, to train and to socialise. Current sports clubs include archery, American football, badminton, basketball, climbing, cheerleading, football, futsal, hockey, netball, rugby, snow sports, swimming, table tennis and volleyball; 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 this process.

### Student membership

UWS students have free access to all UWS campus operated gyms in Ayr, Lanarkshire and Paisley.

### Facility provision

UWS Sport operates facilities and services for students at our Ayr, Paisley and Lanarkshire campuses. Ayr boasts a gym and a sports hall as well as impressive riverside cycle ways and walks. There is also a range of exercise classes on offer. Lanarkshire Campus houses a gym and has a programme of day and evening exercise classes available. Paisley Campus houses a gym on the third floor of the students' union building and has a programme of day and evening exercise classes available. Students at our Dumfries Campus have access to facilities through a partnership with Dumfries & Galloway College.

Under a special arrangement UWS students at London Campus can use the nearby London Southbank University Sports Academy at a discounted rate. UWS Sport also works in partnership with sports facility providers to arrange student access to sports facilities across each of our campus locations.

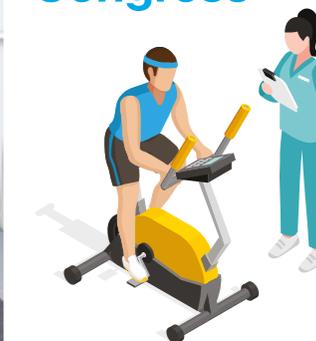
### Competition

UWS students engage in a range of competitions including British Universities and Colleges Sport (BUCS) and Scottish Student Sports (SSS) individual championships and leagues and Varsity events which give a wide range of students an opportunity to represent the University. Many students also access external local clubs and performance programmes and compete in local leagues and competitions.

Our success in BUCS events has seen the University climb over 40 places in the BUCS league over the last few seasons to be in the top 100 in the UK. That's quite an achievement.



# 2021 European College of Sport Science Congress



A four day event examining the topics of health enhancement and sport is coming to Glasgow in 2021, with UWS as the lead academic institution. **Read more on page 51.**

## Your Students' Union

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. Your award-winning Students' Union is run by students for students.

Your Union organise and deliver a wide range of social events all year round and campaign with you, and on your behalf, on the issues that really matter to you.

The Union's buildings and spaces are the best place to meet other students. All the services and events are run there, including our bars and cafes.

### Social Spaces

Our social spaces are more than just a bar. In fact, we like to think of them as the living rooms on campus. We have dedicated social spaces in Ayr, Lanarkshire & Paisley and they are your one stop spot for all that's going on on campus. It's in these spaces you'll be able to relax, grab a quick bite and a drink. It's also where we'll be hosting day and night time events; from Vintage clothes sales to live music we'll be bringing entertainment every day.

### Ayr

In Ayr you'll find the best food on campus, made fresh daily. The Ayr Union has a range of hot and cold food that you can grab from the bar. We also serve Starbucks so be sure to check out all the latest deals on coffee.

### Lanarkshire

Lanarkshire is our newest Union designed from the ground up with you in mind. Whatever your needs the Lanarkshire Union is the place to be, got time to kill between classes?

The Union has free pool tables, ping pong, music chosen by you and the comfiest sofas on campus. If your phone is running low check out the nifty charging stations we have on the tables!



### Paisley

Paisley is home to our biggest social space. In fact, it's four levels dedicated to students. We're currently in the process of redeveloping the space to make it even better.

Level 1 – is the spot if you want to relax and unwind, it's got Starbucks, drinks, food, pool, games and loads more.

Level 2 – this is your dedicated Societies space, reserved for when societies and other student groups want to meet up and do cool stuff.

Level 3 – has just been repurposed this year and is now a gym operated by Team UWS – the best part? Students get to use it for free.

Level 4 – is the head office of the Union. This is where you come if you need to meet the people who work year-round to make sure you have a great student experience!

### Societies

We support all sorts of societies from course related groups such as Chemical Engineering and Nursing to interest societies such as the Debating Society and Anime & Manga Society. There's also the LGBT+ liberation group; the Nigerian Forum; and the Games Development, Film, Table Top Games, and Pool societies.

Details on the societies or how to start your own are available at [sauws.org.uk/societies](https://sauws.org.uk/societies)

### Representation, advice and campaigns

SAUWS aims to represent your needs by providing support and wellbeing campaigns for all students. We have a dedicated, independent and confidential advice team to support you through your degree who provide advice on matters such as money, study skills and academic appeals. We also run a number of campaigns through the year to help students get the best out of their time at UWS.

### Freshers' Week

An unmissable programme of events and the essential initiation to university social life. From the official welcome party to the pub quiz, there is something for everyone. The yearly 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 UWS Students Facebook page to keep up-to-date with what's on at Freshers' this year.

[facebook.com/uwsstudents](https://facebook.com/uwsstudents)

### Volunteer with SAUWS

Whatever you are interested in you'll be supported by the Union staff along the way to achieve your goals. Getting involved is an excellent way of enhancing your CV and career prospects and you can also receive formal recognition from the University and the Union for your activities.



A vibrant community

### Sustainability at UWS

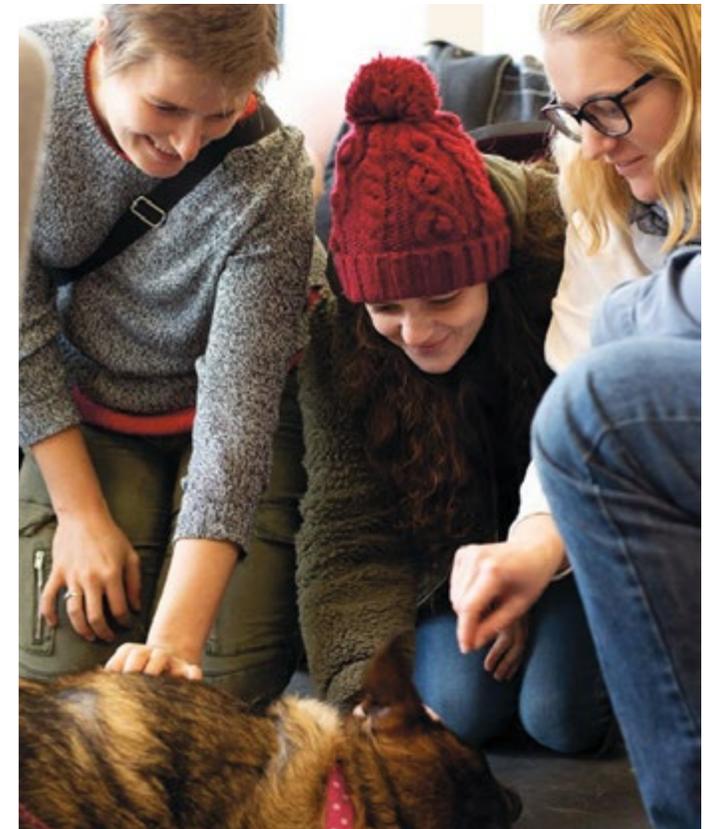
Our Sustainability project has been supporting students, staff and the wider community to reduce their impact on the environment since 2011. You can get involved by joining in with a project, volunteering with the Union or starting up your own project.

### Celebrating cultural diversity

The University is highly international and has a welcoming atmosphere for students from a diverse range of backgrounds. To celebrate this diversity, we host a number of integration and cultural celebration nights.

The Union welcomes international students to the campuses during the welcome week, with various activities to help new international students make friends.

We also welcome new members to the international societies. Regardless of where you are from, the Union will have something for you. Keep an eye on the Union website for more information: [sauws.org.uk](https://sauws.org.uk)



**Winner**  
NUS Scotland's  
Higher Education  
Students' Association  
of the Year



# Real-world experience

Employers are looking for more than just a degree. They need you to be ready for the real world. UWS is brimming with hard-working, honest people with real stories, successes, adversities and big ambitions just like you.



## Staff profile

### Hands-on training

**Annie McGuire**  
Lecturer in the School of Media, Culture & Society

Journalist Annie McGuire brings a wealth of industry experience into the classroom. Not only is she a time-served print and broadcast professional, she is also an expert in new media, handling the social media for BBC's Question Time.

**Opening the door**  
Annie says: "I wanted to get into journalism because I was a huge sports fan; I saw it as a way of meeting my heroes. And I did; I worked in the BBC Sports Department for 12 years, on everything from Match of the Day, to the Wimbledon coverage." She now shares that experience with her students.

"There are so many more new avenues into broadcasting these days," says Annie, "and our duty is to prepare UWS students for that world."

**Changing landscape**  
"When I started in the industry, there were no computer games journalists, there were no bloggers, no online journalism. While the traditional industry has contracted, new media, and the opportunities it presents to young journalists and broadcasters has exploded."

**Loud and clear**  
Currently busy with her own research, into how Twitter hashtags shape and drive political debate, Annie is also working hard on setting up Paisley FM, a new radio station that will give UWS students the chance to produce and present their own shows.

"There are so many more new avenues into broadcasting these days."

UWS uses its close links with Paisley's St Mirren Football Club to give students a real insight into the world of broadcasting; from working on the club's TV station, St Mirren TV, to reporting on matches and team press conferences, this goes a long way to preparing industry-ready graduates.

**New voices**  
Thanks to Annie's ongoing links with the industry, UWS students also benefit from masterclasses and networking events featuring some of the biggest names in Scottish broadcasting.

Annie says: "Those industry links pay-off when students go off to placements, it means they know a friendly face, and have someone they can approach for help or advice."



## Alumni

### Unique research

**Kirsty McCallum**  
Programme Biomedical Science  
Current position PhD student at UWS

UWS Biomedical Science graduate Kirsty McCallum is carrying out PhD research to solve a mystery. Along with colleagues in Ireland, and Northern Ireland, she is trying to find out why chronic obstructive pulmonary disease (COPD) – the third biggest cause of death in the world after heart disease and cancer – is so prevalent in three, rural populations.

In 2011 the annual economic burden of COPD across the EU was estimated at approximately €141.4 billion.

Working as part of the BREATH (Border and Regions Airways Training Hub) project – a €7.7 million EU-funded initiative run between UWS, Queen's University Belfast, and the Dundalk Institute of Technology – multi-disciplinary researchers hope to find ways to better understand and alleviate the impact of lung disease.

**Preparing for PhD study**  
Kirsty says: "I cannot speak highly enough of the quality of teaching at UWS. My lecturers motivated me to work hard and become more confident in my abilities."

"During my Biomedical Science degree I undertook a placement as a laboratory technician which developed my independent thinking skills and intuition, both of which are incredibly important to my current work.

**UWS research**  
"There are five UWS PhD students working on the project. Our research is focused on the musculoskeletal science of COPD."

As part of Kirsty's research, she is currently studying tissue samples from COPD sufferers, looking for markers of accelerated ageing.

**COPD clusters**  
She adds: "The mystery at the heart of the research is that the three areas with the highest incidence of COPD are semi-rural communities, in Ireland, Northern Ireland, and south-west Scotland."

Ayrshire & Arran and Dumfries & Galloway see the highest number of COPD-related hospital admissions in the UK.

Kirsty adds: "You would expect more COPD cases in polluted, urban areas. Yet the hot-spot areas are rural. The BREATH study hopes to understand why that is."

**Community education**  
The UWS team is also conducting public engagement work in the affected communities, trying to give the public a better understanding of COPD and lung health.

"Together, we hope to develop new and improved treatments for this silent killer, as well as helping to prevent COPD through public awareness."



## Alumni

### No bridge too far

**Katie Duff**  
Programme BEng (Hons) Civil Engineering  
Current position Engineer at AECOM

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

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

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

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

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

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

# Open days



**Get an insight into what you could achieve**



We hold Open Days and info sessions throughout the year – we'd love to see you there.

These events are a great 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 a 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 events, contact us and we can arrange an individual visit for you.

## Ayr Campus

Thursday, 3 October 2019  
4-7pm

## Dumfries Campus

Thursday, 19 September 2019  
4-7pm

## Lanarkshire Campus

Saturday, 26 October 2019  
10am-1pm

## Paisley Campus

Saturday, 21 September 2019  
10am-1pm

## London Campus

We host a number of Open Days throughout the year - for more details visit [uws.ac.uk/london](https://uws.ac.uk/london)

For more info visit:  
[uws.ac.uk/opendays](https://uws.ac.uk/opendays)





# COURSES 2020

Programme	UCAS Code	Campus	Page
<b>Business</b>			
Accounting	N400	L, P, SLC (3rd Yr. Entry), NCL (3rd Yr. Entry)	21
Business	N100	L, P	21
Business & Finance	N1N3	P	21
Business & HRM	N1N6	P	22
Business & Marketing	N1N5	P	22
Events Management	N820	P	23
Management	N100	D, L, P	23
International Business	Apply online <a href="https://uws.ac.uk/ug">uws.ac.uk/ug</a>	Lo	23
Law	M101	P	24
Tourism Management (3rd Yr. Entry)	N832	P	24
<b>Creative Industries</b>			
Broadcast Production: TV & Radio	P391	A	26
Commercial Music	W340	A	26
Commercial Sound Production (3rd Yr. Entry)	JP30	NCL	26
New Media Art	W900	A	27
Filmmaking & Screen Writing	WW68	A	27
Journalism/Journalism (Sport)	P500	A	27
Performance	W400	A	28
<b>Education</b>			
Childhood Studies (2nd Yr. Entry)	L560	A, D (subject to demand), L	30
Community Education	L540	L	30
Education	X100	A	31
English as a Second Language (3rd & 4th Yr. Entry)	Apply online <a href="https://uws.ac.uk/ug">uws.ac.uk/ug</a>	P	31
<b>Engineering</b>			
Aircraft Engineering	MEng H411 BEng H410	P	33
Chemical Engineering	MEng H811 BEng H810	P	33
Civil Engineering	H200	P	33
Engineering Management (3rd Yr. Entry)	H703	L	34
Mechanical Engineering	MEng H301 BEng H300	P	34
<b>Health</b>			
Adult Nursing	B740	A, D, L, P	36
Mental Health Nursing	B760	A, D, L, P	36
Midwifery	B720	L	36
Maternity Care Assistant (Cert HE)	Apply online <a href="https://uws.ac.uk/ug">uws.ac.uk/ug</a>	L	37
Integrated Health & Social Care / Integrated Health & Social Care with Administration (2nd Yr. Entry)	L430/L431	P	37
Nursing Studies (3rd Yr. Entry)	BB70	P	38
Professional Health Studies (3rd Yr. Entry)	L5T3	Lo, P, O	38

Programme	UCAS Code	Campus	Page
<b>Life Sciences</b>			
Applied Biomedical Science	C910	L (1st Yr. Entry), P (2nd & 3rd Yr. Entry)	40
Applied Bioscience	C710	L (1st Yr. Entry), P (2nd & 3rd Yr. Entry)	40
Applied Bioscience & Zoology	CC93	L (1st Yr. Entry), P (2nd & 3rd Yr. Entry)	40
Applied Bioscience with Forensic Investigation	C7F4	L (1st Yr. Entry), P (2nd Yr. Entry)	41
Biomedical Science	B940	L (1st or 2nd Yr. Entry), P (3rd Yr. Entry)	41
Environmental Health	B910	L (1st Yr. Entry), P (2nd & 3rd Yr. Entry)	42
Occupational Safety & Health	N620	L (1st Yr. Entry), P (2nd & 3rd Yr. Entry)	42
Pharmacy Science & Health	B2L5	P	42
<b>Physical &amp; Chemical Sciences</b>			
Chemistry	F100	P	44
Chemistry with Education	CE10	A, P	44
Forensic Science	F410	P	44
Mathematics with Education	G11X	A, P	45
Physics	F300	P	45
Physics with Education	PE30	A, P	46
Physics with Nuclear Technology	F390	P	46
<b>Social Sciences</b>			
Criminal Justice/Criminal Justice (Policing)	M211	P (1st & 2nd Yr. Entry), L (3rd Yr. Entry)	48
Psychology	C800	P	48
Social Science	L300	P, L (See course entry for details)	49
Social Work	L500	D, P	49
<b>Sport</b>			
Sport Coaching	CX6C	L	51
Sports Coaching & Development	CC66	A	51
Sport Development	C600	L	52
Sport & Exercise Science	C602	L	52
<b>Technology &amp; Computing</b>			
Business Technology	G290	P	54
Computer Animation Arts	GW48	P	54
Computer Games Development	G610	P	54
Computer Networking	H601	P	55
Computing Science	G401	D (3rd Yr. Entry only), L, P	55
Cyber Security	MEng I201 BEng I200	L	55
Music Technology	W350	P	55
Web & Mobile Development	G450	P	56

This is the full list of undergraduate courses available for 2020 entry at UWS. Courses are organised by our subject areas.

Unless otherwise stated, you can apply to our courses online at [ucas.com](https://ucas.com). For more info on how to apply see page 57.

The institution code for UWS is U40 and you will also need the UCAS code for the programme you are interested in – this is in the table to the left and in each individual course entry.

If you would like more info on any of our courses visit [uws.ac.uk/ug](https://uws.ac.uk/ug)

A Ayr      Lo London      SLC South Lanarkshire College  
D Dumfries      P Paisley      NCL New College Lanarkshire  
L Lanarkshire      O Online      AC Ayrshire College



# Business



**93% graduates in work/  
further study 6 months  
after graduating<sup>1</sup>**

Choosing to study business at UWS will offer a life-changing experience. Our students are 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. Our vibrant learning environments including new digital learning approaches and new learning spaces support students at all levels.

## Section contents

- Accounting
- Business
- Business & Finance
- Business & HRM
- Business & Marketing
- Events Management
- Management
- International Business
- Law
- Tourism Management

### World-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.

#### – Our graduates have been hired by organisations such as:

NHS Scotland, IBM, RBS, Chivas Regal, Shell, Ford, Scottish Water, Doosan Babcock, Glasgow 2014 Ltd, Tesco Bank, Lenovo, Standard Life, Hive and Sky.

### Get involved

We provide lots of opportunities for students to get hands-on experience –

– **Innovative learning spaces:** the Enterprise Zone delivers an innovative space for students on Paisley Campus and our new Lanarkshire Campus provides flexible learning environments to enhance the student experience.

#### – Real-life experiences:

We make sure our students not only learn the theory of their industry in the classroom, they also have the opportunity to meet professionals. In 2017/18, we took our Law students to the Scottish Parliament, our Events students to The Hydro and our Marketing students worked with Scottish Association for Mental Health (SAMH) on a live assessment project.

### – Industry experts:

Students don't just hear from our teaching staff, they have regular guest lecturers from the world of business too who share their real-world experience. Last year we were joined by Finnieston Distillery Company, MadeBrave, Ocado and VisitScotland amongst others.

### Research excellence

We have developed core activity in world-leading/internationally excellent business-related research, which underpins curriculum development, teaching and learning. This was recognised in the 2014 Research Excellence Framework for our submission in Business & Management Studies.

You will benefit from the real-world experience of our staff. Many are working as consultants on international projects, which means that you will profit from our developing links with partners in China, India, Russia, Europe and the Persian Gulf States.

### Links with industry

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

- increase student opportunities and engagement with businesses

- provide advice relating to business and commercial opportunities and developments
- provide advice relating to research developments and opportunities
- provide advice relating to career opportunities for students and alumni

Many of our programmes are accredited by professional industry bodies. These professional links provide a clear pathway for our students and graduates to professional recognition and successful careers.

### International opportunities

Through our network of global partners, we provide global learning opportunities for all our students. Opportunities include Erasmus Exchange for up to one year, short trips with Erasmus+, workshops with visiting international lecturers and opportunities to work alongside staff who are consulting on international projects. Students also have the option to study a language alongside their core modules including French, Arabic and Mandarin.

## Entry requirements/ advanced entry

The University's minimum entry requirements and information on our advanced entry points are stated on page 57 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

# Accounting



<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>N400</b>
<b>Duration</b> BAcc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire, Paisley, South Lanarkshire College <sup>1</sup> , New College Lanarkshire <sup>1</sup>	

Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

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

## The BAcc Accounting will prepare you to meet the challenges of a career in accountancy.

CEOs and boards rely on accountants to help them make informed financial decisions that contribute to the future success of their organisation – and you can play a part in this.

The programme covers the full range of accountancy subjects with an emphasis on the practical aspects of accounting. This will provide you with a mix of skills, knowledge and experience demanded by modern employers.

### Course highlights

- The course covers the full range of accountancy subjects, preparing you to meet the challenges of an accountancy career.
- The course emphasises the practical aspects of accounting to produce work-ready graduates.
- Teaching is delivered by highly-qualified accounting and finance professionals.
- Industry experts regularly share their expertise through guest lectures.
- You will have the option of undertaking a one-year industry placement.
- Top in Scotland for Student Satisfaction with Teaching for Accounting and Finance programmes in the Times/Sunday Times Good University Guide 2019.

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 96-108  
**H:** BBBB including English at Higher and Maths at Nat 5 (grade B min for Maths)  
**AL:** CCC or 96 UCAS Tariff points plus GCSE English Language  
**ILC:** H3H3H3H4 inc English  
**IB:** 24 points with 4 subjects at H4  
**Scottish Wider Access Programme:** Access to Humanities: BBB

Direct entry to Year 2 (with an appropriate HNC in Accounting with Graded Unit at A grade) and Year 3 (with an appropriate HND in Accounting with both Graded Units at B grade or above) 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.

“A placement year gave me the opportunity to gain invaluable experience within a large Finance department... when I got my degree I was successful in securing a permanent position within the company.”

**Nichola McGinlay**  
UWS Accounting graduate and business analyst

## Top in Scotland for Student Satisfaction

2020 Complete University Guide League Table

<sup>1</sup> Year 3 entry to this UWS programme is also offered at South Lanarkshire College and New College Lanarkshire, Coatbridge Campus under our college partnership agreements. Please note that these routes are only 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.

## Alumni

### Fatima Jamshed

#### Programme

#### Accounting

#### Current position

**Financial Analyst, Morgan Stanley**

**Former UWS student ambassador Fatima Jamshed is busy building her professional career with one of the world's top financial organisations, Morgan Stanley. Fatima, who studied accounting at UWS, is now working as a financial analyst, dealing with her clients' hedge fund investments.**

Before making the move to Morgan Stanley, Fatima began her career with BNP Paribas working as a fund accountant, helping to manage stocks and shares for a variety of private and corporate clients, including major pension 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 that my accountancy qualification could lead to.”

Fatima realised early on in her studies that she wanted to work for one of the major global financial giants after having the opportunity to speak with representatives from these types of firms at a careers event during her first year on the course. “At UWS there are a lot of careers events which help to give students the bigger picture in terms of the real world of work. These events helped me decide where I wanted to go with my career, and now I'm doing exactly what I had hoped.”

“My eyes were opened to the range of jobs which my qualification could lead to.”



# Business

<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>N100</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire, Paisley	

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

## Start your career in business and open up opportunities around the world with a BA Business degree at UWS.

This course has been developed in partnership with businesses and industry leaders to provide the skills, knowledge and understanding to meet the challenges of a stimulating and rewarding career.

You can tailor your degree to align with your interests and career aspirations. Specialist areas of study include enterprise and entrepreneurship, marketing and human resources.

### Course highlights

- Opens up endless opportunities from running your own business to working for leading international organisations.
- This course has been developed in partnership with businesses and industry leaders to produce work-ready graduates.
- Combines a broad base of learning with the flexibility to tailor your degree to align with your interests and career aspirations.
- Graduates can apply for exemptions for Chartered Management Institute (CMI) qualifications, saving time and money.

### Entry requirements

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

Entry to Year 2 (with an HNC) 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.

# Business & Finance

<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>N1N3</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

## Get ready for a career in modern business with a BA Business & Finance degree at UWS.

This course has been developed in partnership with industry, employers and professional associations to meet the challenges and demands of modern business. You will develop the skills required to successfully manage and organise a business alongside core skills in finance.

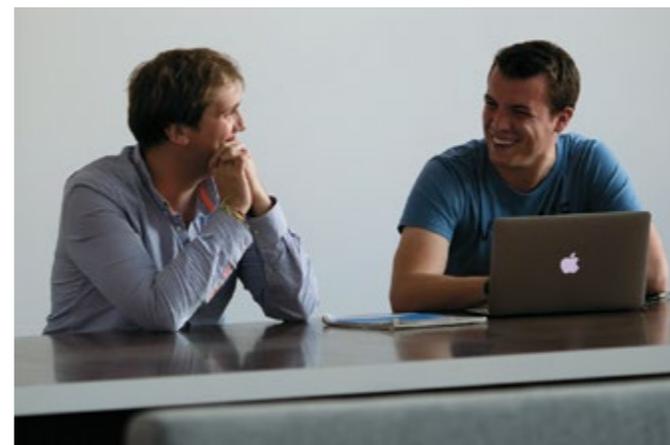
Our industry connections mean that teaching and assessments focus on real issues that business managers are faced with today.

### Course highlights

- Developed in partnership with industry leaders, this course will provide you with the skills and knowledge sought after by employers.
- You will develop an understanding of both business management and finance, giving you a competitive edge in the graduate employment market.
- A focus on real-world issues ensures you are ready to face the challenges and demands of modern business.
- Graduates gain a part-exemption from professional accountancy exams, saving time and money.

### Entry requirements

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



# Business & HRM



<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>N1N6</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

Entry requirements key		
<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

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

### Become a human resource management professional with our BA Business & Human Resource Management degree.

The aim of the BA Business & HRM programme is to provide students with the opportunity to develop requisite knowledge, critical thinking and skills. The programme has been designed to deliver up to date practical and professional skills, underpinned by appropriate academic theory which will produce graduates who are ready to enter the workplace as HR professionals or may expand into postgraduate studies.

The curriculum covers a variety of key HRM areas; including Talent Management, Critical Employment Relations, Managing Performance and Reward, HR Strategy, HRM Research Design, Equality and Diversity, International HRM, among others.

#### Entry requirements

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

Direct entry to Year 2 (with an HNC) 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.

#### Course highlights

- The University of the West of Scotland was the first Scottish Institution offering an HRM undergraduate Programme with professional accreditation by the Chartered Institute of Personnel and Development (CIPD) — and continues to do so — ensuring that our education meets the highest professional standards within HRM.
- Graduates are eligible for Associate Membership of the CIPD.



#### HRM beyond the Classroom...

...through the new HRM Society. In January 2019, we officially launched our new HRM Society, which was set up by our third year students. The HRM Society's aim is to create a support network for students, share experiences and arrange events. The HRM Society's motto:

A Society for HRM Students, by HRM Students.

Upon starting your HRM programme, you will meet the society and be encouraged to join — becoming a part of our HRM Community.

# 94%

**student satisfaction**

National Student Survey 2019

## Get in the zone

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

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

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

#### Creative thinking

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

#### Work with others

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

#### Feed your ambition

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

#### Bring your CV to life

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

#### Perfect your presentation skills

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

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



# Business & Marketing

<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>N1N5</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

### The BA Business & Marketing degree will prepare you to excel as a marketing professional.

This course will provide you with the specialist skills employers expect from marketing professionals combined with general business skills to give you a competitive edge in the graduate employment market.

Our links with local and national organisations ensure teaching and assessments focus on real companies with real marketing issues, preparing you to succeed in a marketing career.

#### Course highlights

- This course will provide you with the specialist skills employers expect from marketing professionals.
- The specialist skills in marketing you will gain combined with general business skills will give you a competitive edge in the graduate employment market.
- You will develop communication skills to prepare you for a wide range of marketing positions.
- A focus on real-world issues ensures you are ready to face the challenges and demands of marketing for modern businesses.
- Graduates are well placed to pursue Chartered Marketer status through the Chartered Institute of Marketing (CIM).

#### Entry requirements

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

Entry to Year 2 (with an HNC) 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.



# 95%

**of graduates in work/further study 6 months after graduating**

HESA Performance Indicator 2016/17

# 93%

**student satisfaction – top in Scotland**

National Student Survey 2019

## Student profile

# David Dornan

**Programme**  
Business & Marketing

### Mature student David was looking for a fresh challenge when he arrived at UWS after a 16-year career working in the insurance sector.

David says: "I had a young family to think of and thought getting a business qualification would boost my employability. I started doing the Business course at UWS, but so enjoyed the marketing aspect of my studies that I swapped courses to study that full-time.

"I knew it was the right move, the course at UWS had the highest student satisfaction ratings of any university in the country."

#### Time for a change

"I felt pigeonholed in my previous job," says David. "Marketing has opened up fresh career horizons for me."

David is already putting his new-found skills into action, having completed work for the Healthy Values charity, and using his marketing know-how to help UWS reach more potential mature students. So insightful was his research that he was invited to present his findings to the University's senior executives.

#### Flexible learning

David says: "At first, I wondered if I would be up for completing the course, but the flexible learning options and the staff support I've had saw me through. It also meant I managed to maintain a good work/life balance, very important when you have young children.

"My tutors were brilliant. As well as the coursework, they organised a whole series of guest speakers and outside events. These were great for networking and making new contacts.

"The digital and software skills I've learned at UWS have been invaluable. I'm doing things now that I never thought I could; creating online presentations; shooting digital videos, making infographics."

#### Personal development

"I've met so many good people at UWS, from a wide variety of backgrounds, and that has helped me develop as a person.

"Studying at UWS has certainly opened doors for me. They recently helped me secure a digital marketing role for the European Championships and work on marketing a new movie due for release soon."



# Events Management

<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>N820</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

## Build a career in the fast-growing events industry with the BA Events Management degree.

The course focuses on the development of operational and managerial skills across a range of events industry sectors. You will learn about project management, legislation and risk management – essential knowledge for the professional events manager.

The course team have close partnerships with industry leaders, ensuring that the course remains up-to-date and guest speakers provide regular industry insight.

### Course highlights

- This course combines theory and practical experience to prepare you for a career in the events industry.
- Covers a broad range of sectors to provide you with knowledge and skills that are in demand in the industry.
- Features the Festival Curriculum, a unique programme designed to bring students together to work on the planning and staging of exciting live event projects.
- Close links with industry ensure teaching and assessments are up-to-date and relevant.
- Regular guest speakers provide industry insight and expand your knowledge of subject areas.



**100% of graduates in work/further study 6 months after graduating**  
HESA Performance Indicator 2016/17



### Entry requirements

**Year 1**  
**UCAS Tariff points:** 96-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc English  
**AL:** CCC or 96 UCAS Tariff points plus GCSE English Language  
**ILC:** H3H3H3H3 inc English  
**IB:** 24 points with 4 subjects at H4  
**Scottish Wider Access Programme:** Access to Humanities: BBB

Direct entry to Year 2 (with an HNC) 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.

## Alumni

# Events maestro

**Yasmin Paris Love**

**Programme**  
**BA (Hons) Events Management**

**Current position**  
**Event Manager at mclcreate**

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

Yasmin’s career to-date has left her in no doubt that she made the right choice – she’s recently been promoted to Event Manager at mclcreate!

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

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

Throughout them all, she’s been amazed at how closely projects reflect what she learnt at uni.

“The course content is totally geared up to how events work in the real world – especially the modules in business and law which, amazingly, not all events programmes offer.

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



# Management

<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>N200</b>
<b>Duration</b> BA Hons 4-8 years depending on mode of study	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley, Lanarkshire (Part time), Dumfries (Full time)	

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

## The BA Management Programme combines traditional academic study with practice based work related learning delivered in a flexible technology enhanced mode.

The programme has been designed to allow students to develop the knowledge skills and attributes that organisations expect from professional graduate managers. You will be able to draw on your existing experience and use this to understand the principles and practice of management in a way that will enhance your own and your organisation’s performance.

This degree is ideal for students wishing to explore the dynamic and exciting discipline of management for the first time, current professionals wishing to progress into management roles or existing managers wishing to develop and achieve formal recognition of their skills and experience.

### Course highlights

- Contemporary approaches to learning and teaching to deliver a flexible programme that can be undertaken full time, part time or blended learning.
- Digitally enhanced learning that supports a range learning styles and allows students to study in a way that works for them.
- Embedded Continuing Professional Development to support students with understanding and achieving their own career aspirations and facilitating professional recognition of achievement.

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

# International Business

<b>School</b> Business & Creative Industries	<b>Apply</b> Please apply online at <a href="https://uws.ac.uk/ug">uws.ac.uk/ug</a>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> London	

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

## Prepare yourself for a career in international business with our specialist BA International Business degree.

The course offers a broad-based, integrated perspective on business life from operational to strategic levels. It will challenge your understanding and judgement of a range of core business practices and test your ability to problem solve in a variety of business situations.

### Course highlights

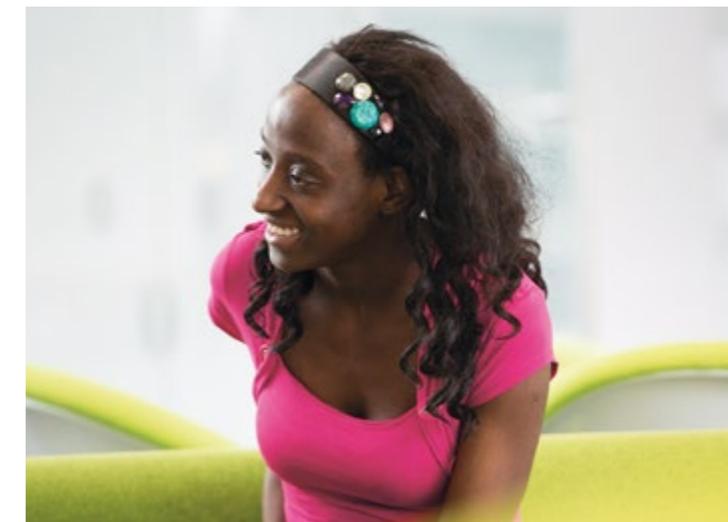
- Aimed at international students to prepare them for a successful career in business.
- You will learn vital skills and attributes that are valued by employers from SME to large, multi-national organisations.
- This course offers a broad-based, integrated perspective on business life from operational to strategic levels.
- Teaching is delivered by teaching staff with significant industry experience, ensuring it is up-to-date and relevant.
- It is designed to challenge your understanding and judgement of a range of core business areas, and test your ability to problem solve in a variety of business situations.

### Entry requirements

**Year 1**  
**AL:** CCD or 88 UCAS Tariff points  
**ILC:** H3H3H3H4 inc English  
**IB:** 24 points with 4 subjects at H4  
**International Foundation Programme**

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

**NB:** Please note that delivery of this course is under review for 2020. Contact us for more information.



## Alumni

### Mhairi Campbell

**Programme**  
Law

**Current position**  
PhD student at UWS

“The course changed me. It helped me blossom, and I want to pass that on to others.”

Law graduate Mhairi Campbell, currently studying for an MPhil/PhD at UWS, has US author John Grisham to thank for the latest twist in her career path.

Mhairi entered higher education as a mature student, having already enjoyed a successful career in residential childcare. She began by attending evening classes, under the First Steps to Uni scheme, and decided to study law.

**Big screen inspiration**

She says: “I don’t think I would have been so focused on my studies if I’d gone to university straight from school. Back then I didn’t know what I wanted to be, or who I really was.

“Growing up, I’d loved the film adaptation of Grisham’s ‘A Time to Kill’. That idea of fighting for people, for what you believe in, really appealed to me.”

**I grew with the course**

“UWS also helped me grow my confidence,” says Mhairi. “During my undergraduate degree I was student fellow, acted as my class representative, and worked as a volunteer student legal adviser.

“All of that paid off when UWS accepted me to study for my MPhil.”

**Fighting for the future**

Now back at UWS, Mhairi is putting theory into practice, looking at ways of improving and widening access to the legal system in Scotland.



**Entry requirements key**

<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

## Law

**School**  
Business & Creative Industries

**UCAS Code**  
**M101**

**Duration**  
BA Hons 4 years

**Contact**  
Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

**Campus**  
Paisley

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

**Prepare for success in the legal sector with BA Law at UWS.**

This course will equip you with a solid legal understanding, enabling you to embark on a career in a wide variety of sectors that use law. You will also learn knowledge and skills sought after by employers in law-related and business sectors.

Teaching staff provide a supportive learning environment and a flexible approach to study, allowing you to develop in-depth knowledge of areas related to your future career.

**Course highlights**

- The BA Law degree can be a first step towards a career as a qualified solicitor. The next step would be the LLB degree which enables students to be eligible to practice as a solicitor.
- This degree can allow you to gain entry to further academic postgraduate legal study, such as on the LLM.
- This course teaches the knowledge and skills sought after by employers in a variety of law-related and business sectors.
- The course covers a broad range of topics to equip you with a solid legal understanding.
- Flexible study options allow you to develop in-depth legal knowledge and understanding in areas of study related to your future career.

**Entry requirements**

**Year 1**  
**UCAS Tariff points:** 96-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc English  
**AL:** CCC or 96 UCAS Tariff points plus GCSE English Language  
**ILC:** H3H3H3H3 inc English plus Maths at OL  
**IB:** 24 points with 4 subjects at H4  
**Scottish Wider Access Programme:** Access to Humanities: BBB

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



## Tourism Management (3rd Year Entry)

**School**  
Business & Creative Industries

**UCAS Code**  
**N832**

**Duration**  
BA Hons 2 years

**Contact**  
Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

**Campus**  
Paisley

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

**The BA Tourism Management will prepare you to work in an exciting international industry.**

You will gain a thorough understanding of the tourism industry, as well as management skills aligned to the needs of leading tourism employers. You will also acquire the knowledge and skills to help shape the future of tourism.

You can tailor your degree to focus on areas related to your future career aspirations and graduates pursue varied careers in the tourism sector.

**Entry requirements**

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

**Course highlights**

- This course prepares you to work in one of the global economy’s most significant and fastest growing industries.
- Teaching covers current issues, trends and best practice within the global tourism industry.
- A focus on professional management skills, aligned to the needs of leading tourism employers, prepares you for a competitive graduate employment market.
- Guest speakers from industry will expand your awareness of key issues and support your career progression.
- Flexible study options allow you to tailor your degree to focus on areas related to your future career aspirations.





# Creative Industries



**95% graduates in work/  
further study 6 months  
after graduating<sup>1</sup>**

## Section contents

- Broadcast Production: TV & Radio
- Commercial Music
- Commercial Sound Production
- New Media Art
- Filmmaking & Screen Writing
- Journalism/Journalism (Sport)
- Performance

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

### Our programmes

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

### Partnerships with leading industry employers

UWS Creative Media Academy brings together all of our provision in support of the creative media sector. The Academy operates between our campuses and a creative enterprise cluster in Glasgow, working with the CCA: Centre for Contemporary Arts, Film City Glasgow and our Media Academy Knowledge Exchange (MAKE). We are co-located with some of the largest media employers in Scotland – ideal for networking, collaboration and professional development.

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

### Professional recognition

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

### Gain practical experience

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

### International opportunities

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

### Industry-standard facilities

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



**Programmes underpinned by internationally excellent/world-class research**



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



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

### Entry requirements/advanced entry

The University's minimum entry requirements and information on our advanced entry points are stated on page 57 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

# Broadcast Production: TV & Radio

<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>P391</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr	

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

**The BA Broadcast Production: TV and Radio degree will prepare you for success in the broadcast industry.**

Led by experienced teaching staff, the course combines theory and practice to give you a thorough understanding of television, radio and other modern digital media. You will work in the UWS radio and television studios to gain practical skills using the latest broadcasting facilities and digital sound and video editing suites.

**Course highlights**

- The course is designed to prepare you for a wide range of careers in the broadcasting industry.
- It will teach you how to create and produce television, radio and other modern digital media.
- You will gain practical skills and experience using the latest broadcasting technology by working in the UWS radio and television studios.
- Professional guest lectures, work placement and field visits provide unique industry insights and deepen understanding of key issues.
- The course is professionally accredited by Screenskills, having undergone rigorous assessment by industry experts.

**Entry requirements**

**Year 1**  
**UCAS Tariff points:** 96-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points  
**AL:** CCC or 96 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 24 points with 3 subjects 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.

**“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.”**

**Charley Lines-Sutton**  
BA Broadcast Production: TV & Radio graduate now working at Lion Scotland



**100%**  
**of graduates in work/further study 6 months after graduating**  
HESA Performance Indicator 2016/17

**Entry requirements key**

<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

## Alumni

### Fiona Donaldson

**Programme**  
Broadcast Production: TV & Radio

**Current position**  
Production Secretary & Researcher at Maramedia Ltd

**Studying Broadcast Production: TV & Radio at UWS helped Fiona Donaldson to break into the world of film and TV.**

Fiona had initially set her sights on being a wildlife camerawoman, but a chance encounter helped fast-track her into a job with Maramedia, an award-winning Glasgow-based independent production company.

**Big break**

Fiona says: “Initially, I only went in for a week’s work experience, yet, within a few days, they’d offered me a full-time contract as their production secretary.

“The four years I spent at UWS were the perfect preparation for the job,” says Fiona. “Along the way, I picked up the back-office and pre-production skills every small independent needs. I’m happy to turn my hand to most tasks. And, once you get a reputation for being professional and reliable, people are keen to hire you again.”

It wasn’t only the classroom theory and hands-on experience Fiona got at UWS that helped her forge ahead in her career. She says: “The events my tutors and lecturers organised, the guest speakers from the industry, the events we attended, were all great for networking and making contacts.”

**In the picture**

Since leaving UWS, Fiona has worked on wildlife documentaries and has just finished shooting the second series of ‘Gudrun the Viking Princess’, Maramedia’s award-winning children’s TV programme.

**“The events were all great for networking and making contacts.”**



# Commercial Music



<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>W340</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr	

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

**Our BA Commercial Music degree will give you the necessary skills to sustain employment in the continuously-evolving commercial music industries.**

Whether you are interested in music promotion, songwriting, tour management, sound engineering and production, or instrumental performance, this hybrid qualification allows you to select your preferred professional direction.

Developed in consultation with music industry personnel, the focus is on recent key changes within music as a business and the fresh opportunities brought about by new media.

**Course highlights**

- This course delivers a broad range of relevant subjects preparing you for success in a variety of possible roles in professional music
- Opportunities to make key industry contacts through visiting lecturers and guest speakers.
- Flexible study options allow students to customise their degree to suit their intended career trajectory.
- This degree is part of the UWS Creative Skillset Media Academy, an Avid Authorised Training Partner and has JAMES accreditation.

**Entry requirements**

**Year 1**  
**UCAS Tariff points:** 96-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points  
**AL:** CCC or 96 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 24 points with 3 subjects at HL BTEC Communication or Media

Direct entry to Year 2 (with an HNC or equivalent) and Year 3 (with an HND or equivalent) 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.

**97%**  
**of graduates in work/further study 6 months after graduating**  
HESA Performance Indicator 2016/17



# Commercial Sound Production (3rd Year Entry)

<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>JP30</b>
<b>Duration</b> BA 1 year	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> New College Lanarkshire <sup>1</sup> (Cumbernauld Campus)	

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

**Open doors in the music industry with the BA Commercial Sound Production degree at UWS.**

Music is one of the UK’s largest creative industries – and the BA Commercial Sound Production course opens doors for those with talent, drive and ability to forge varied, lifelong careers in sound engineering, music production and other related fields.

You will further develop the skill set you have developed through your HND/Advanced Diploma: Music Technology, utilising the department’s state-of-the-art studio facilities. You will embark on practical, theoretical and industry facing projects through modules such as: Professional Studio Techniques, Live Sound Applications, Advanced Post Production, Music Research Practice, Creative Music Product Design and Advanced Music Production.

**Entry requirements**

**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.

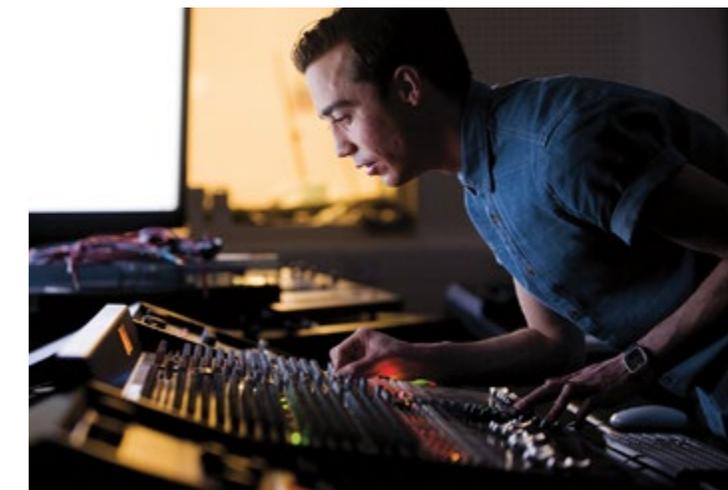
**Course highlights**

- Lecturers are active music industry professionals and the course features regular guest speakers.
- Opportunities to make key industry contacts through visiting lecturers and guest speakers.
- This course covers a broad range of subjects preparing you for success in the fast-changing modern music business.
- Developed in response to employer requirements, teaching is focused on the skills needed to succeed in today’s music industry.



**100%**  
**of graduates in work/further study 6 months after graduating**  
HESA Performance Indicator 2016/17

<sup>1</sup> Some classes may be delivered off campus, at our creative hub in Glasgow’s CCA and Paisley Campus.



## New Media Art

<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>W900</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr	

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

### Prepare to become a leading creative practitioner with our BA New Media Art degree.

You will discover and develop your artistic practices through exploration of diverse platforms, such as illustration, moving image, animation, multimedia live performance/ installation, projection mapping, sound art, creative coding and immersive media (360 Filming/ AR/VR).

The comprehensive and extensive portfolio you will develop over the course of your studies will give you a competitive edge in the graduate employment market.

#### Course highlights

- This degree provides entry to one of the fastest growing creative fields with exciting opportunities for an upcoming generation of artists.
- With a focus on multi-disciplinary learning, students have access to industry-leading facilities including art studios, computer labs, TV studios, music studios and performance spaces.
- As a graduate, your broad range of artistic and technological skills and experience will create a diverse range of career opportunities.

#### Entry requirements

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

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

All applicants will be expected to submit a personal statement, reference and portfolio. Full explanation of this will be provided to applicants through an Admissions Staff contact. Initial offers and rejections will be made on the basis of the above. Should places remain available after this first stage, remaining applicants will be invited for interview. Full details of the interview criteria will be provided to the applicants ahead of their interview date through an Admissions staff contact.

## Filmmaking & Screen Writing



<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>WW68</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr	

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

### Pursue your passion for cinema with our BA Filmmaking & Screen Writing.

This degree offers a unique balance between film theory, filmmaking and script writing, enabling you to develop industry-accredited skills while exploring your passion for cinema.

You will learn how to write scripts and make films, building a portfolio of work that will give you an edge in the creative sector.

Teaching is led by industry professionals and you will use the latest digital film technology, television studios, and performance spaces.

#### Course highlights

- This course combines theory and practice, enabling students to develop industry-accredited skills while exploring their passion for cinema.
- You will build a portfolio of work to give you a competitive edge in the creative sector's graduate employment market and develop transferable skills in content production, information processing and professional communication.
- This degree is professionally accredited by Creative Skillset.
- You will have access to the latest digital film technology, television studios, and performance spaces.
- Guest lectures and masterclasses will provide industry insight and further your understanding of key issues within the sector.

#### Entry requirements

**Year 1**  
**UCAS Tariff points:** 104-108  
**H:** BBBB or ABBC, or equivalent, or 108 UCAS Tariff points  
**AL:** BCC or 104 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 24 points 3 subjects at HL

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

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

Applicants may be invited for interview.

## Alumni

### Blockbuster Mark

<b>Mark Johnstone</b>
<b>Programme</b> BA (Hons) Filmmaking & Screen Writing
<b>Current position</b> Freelance assistant film director



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

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

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

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

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

#### KNOW YOUR FILM INDUSTRY ROLES:

**BEST BOY**  
Assistant to the chief electrician (Gaffer)

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

**DOLLY GRIP**  
Pushes & pulls a mounted camera along a track

**DRAPEMASTER**  
In charge of all the soft furnishings on a film set

## Journalism/ Journalism (Sport)

<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>P500</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr	

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

### Prepare for success as a multi-platform journalist with our BA Journalism degree.

You will study news reporting, and learn interviewing and writing skills ready to meet the demands of today's dynamic and fluid news environment. The course underpins practical production and broadcasting skills with theoretical insight into ethical and effective journalism.

There are options to specialise in Sports or Magazine Journalism as you progress through the course.

#### Course highlights

- Combines theory and practical skills, meaning graduates are ready to meet the demands of modern journalism.
- Core modules provide a strong foundation in a range of specific journalistic disciplines, including insights into ethical and effective journalism.
- You will gain expertise in a wide range of topics including national and local government, international relations, and civil and criminal law relating to the media.
- Flexible study options allow you to specialise in Sports or Magazine Journalism in the final years of the course, or pursue a broader Journalism curriculum.

#### Entry requirements

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

Direct entry to Year 3 with an HND in Journalism may be possible.

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

Applicants will be invited for interview.



**100%**  
**of graduates in work/further study 6 months after graduating**  
HESA Performance Indicator 2016/17

#### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

# Performance

<b>School</b> Business & Creative Industries	<b>UCAS Code</b> <b>W400</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr	

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

### Harness the power of performance with the BA Performance degree at UWS.

This course is designed to help you become a creative maker, a critical thinker and ready for the world of work. Teaching is focussed on practice, history, theory and industry, allowing you to explore performance critically and practically.

Masterclasses led by leading industry professionals will support your learning and provide insights into the contemporary performance industries.

#### Course highlights

- This course is designed to develop creativity and critical thinking while preparing graduates to enter the contemporary performance industries.
- You will develop a broad appreciation for all elements of performance practice, history, theory and industry.
- You will have access to state of the art performance and television studios to develop your practice.
- Interdisciplinary work and collaboration are strongly encouraged.

#### Entry requirements

##### Year 1

**UCAS Tariff points:** 96-102  
**H:** BBBB, or equivalent, or 102 UCAS Tariff points  
**AL:** CCC or 96 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 24 points with 3 subjects 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.

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

Applicants may be invited for interview/audition.

#### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

## Masterclass in creative media

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

#### Creative Wednesdays

The CMA offers weekly screenings, masterclasses and professional practice sessions designed to inspire students and prepare them for the world of work. Recent guest speakers have included Oscar and BAFTA winning figures such as actress Kate Dickie (Game of Thrones, Filth, Prometheus);

film producer Iain Smith OBE (Mad Max: Fury Road, Children of Men, Cold Mountain); assistant director and producer Tommy Gormley (Star Wars, Star Trek, Mission Impossible); screenwriter and director David Mackenzie, pictured below, (Starred Up, Perfect Sense, Hallam Foe, Young Adam); producer Gillian Berrie (Starred Up, Under the Skin, Red Road, Young Adam); producer James Gay-Rees (Amy, Senna, Exit Through the Gift Shop), and award-winning Scottish screenwriter Paul Laverty (Angels' Share, My Name is Joe, Carla's Song, Bread and Roses).

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





# Education



**Our Education programme is ranked 1st in the UK<sup>1</sup>**

## Section contents

- Childhood Studies ▶
- Community Education ▶
- Education ▶
- English as a Second Language ▶

### Our programmes

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

### Teacher education in Scotland – one-year induction

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

### Practical experience

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

**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.**

### First-rate facilities

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

### Research with real-world impact

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

For more info on the research we carry out visit [uws.ac.uk/education](https://uws.ac.uk/education)

### Career-long Professional Learning (CPL)

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

### Chemistry/Physics/Mathematics with Education

The University has introduced concurrent degrees in Chemistry with Education (see page 44), Physics with Education (see page 46) and Mathematics with Education (see page 45). The degrees enable students to study Chemistry, Physics or Mathematics throughout the four years, with Education being introduced in Year 3. The programmes lead to BSc (Hons) degrees which include the qualification to teach either Chemistry, Physics or Mathematics in secondary schools.

**REF2014**  
Research Excellence Framework

**Programmes underpinned by internationally excellent/world-class research**

### Entry requirements/advanced entry

The University's minimum entry requirements and information on our advanced entry points are stated on page 57 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

## Childhood Studies (2nd Year Entry)

<b>School</b> Education and Social Sciences	<b>UCAS Code</b> <b>L560</b>
<b>Duration</b> BA Hons 3 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr, Dumfries <sup>1</sup> , Lanarkshire	

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

### Build a career in childhood services with the BA Childhood Studies degree at UWS.

You will gain an understanding of issues related to childhood and services for children and families, the values underpinning children's services and the importance of working in partnership with professionals from different disciplines. You will also 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, Spain and Germany).

#### Course highlights

- This course offers 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 families.
- You will have the chance to apply your knowledge in a professional setting with two three-week blocks of work-based experience each year and in Year 3 this may be abroad (currently Milan, Madrid and Munich).
- Guest speakers will help further improve your understanding of the subject.

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

**Sin-Yi Fu**  
BA Childhood Studies student  
from Hong Kong

### Entry requirements

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

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

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

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



**100%**  
**of graduates in professional employment/further study 6 months after graduating**  
DLHE Survey 2016/17

**97%**

**student satisfaction**  
National Student Survey 2019

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

**NB:** students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see [scotland.gov.uk](https://scotland.gov.uk)

## All teach... all learn...

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

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

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

The Wee University launched as a pilot scheme in session 2016-17 in early years centres in South and East Ayrshire, and expanded into South Lanarkshire in 2017-18, with the potential for further roll out across the University's other campus sites in Scotland in the future.

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

The initiative will raise the aspirations of future learners, says Professor Craig Mahoney, Principal and Vice-Chancellor of UWS.

It may even provide that first thought – and the first step – that leads people to study at university.

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

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

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

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

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

- Innovative, creative educational activities for children
- Introducing them to the idea of university
- Making it an option for children regardless of their social background



## Community Education



<b>School</b> Education and Social Sciences	<b>UCAS Code</b> <b>L540</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire	

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

### Train to become a professionally qualified Community Educator with our BA Community Education degree.

This course is perfect for those already involved or interested in working with people in communities to facilitate their critical and social education. Teaching is underpinned by theories and practices relating to equality and social justice, human flourishing, engagement and participation.

#### Course highlights

- This degree is designed for those already involved or interested in working with people in communities to facilitate their critical and social education.
- Teaching is underpinned by theories and practices relating to equality and social justice, human flourishing, engagement and participation.
- Practice learning placement is integral to the course and is developed through experiential learning in a community education setting.
- This course is approved by the Community Learning and Development Standards Council for Scotland and is recognised as a lead practitioner qualification.

### Entry requirements

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

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

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

**93%**

**student satisfaction**  
National Student Survey 2019

**NB:** students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see [scotland.gov.uk](https://scotland.gov.uk)



### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

## Student profile

### Changing young lives

**Lisa McLaren**

**Programme**  
Community Education

**When mature student Lisa McLaren decided to return to education, she knew what she wanted to do: help young people.**

#### Home from home

Lisa, who is originally from Belfast, gave up a career in retail management to study Community Education. Now in her Honours year, it's a decision she hasn't regretted.

She said: "Quite a few universities offered the course, but I liked the feel of UWS. The west of Scotland is so like Belfast – even the weather – that I immediately felt right at home here.

"I'd wanted to work within communities and specifically with young people for a long time, but I didn't want to teach in the formal, classroom sense, and Community Education is quite different to everyday teaching."

#### Release your potential

Lisa was also impressed by her lecturers and the course content, saying: "The level of support from the teaching staff is brilliant; they are friendly, fun, and approachable. They constantly push and support you to be your best and help you realise your potential!"

As part of her studies, Lisa undertook a three-month work placement with VASLan, a youth initiative in South Lanarkshire.

The programme provides mentors for young people, aged 16-25, who have been repeat offenders but want to change their lives for the better.

#### A passion for people

Lisa says: "Youth work is where my passion lies. The placement really taught me a lot about applying classroom theory to the practicalities of everyday work. I was giving talks in schools, and helping young people learn life skills, how to manage their mental health, and how to find accommodation.

"Sometimes, these young people feel as if society has given up on them, so it's good to give them a hand up. The work is both satisfying and challenging. It takes time to build trust with these teenagers."

#### A new chapter

Lisa's work and university experiences have given her the appetite to continue her studies. She says: "I'm now thinking of applying for funding for a PhD. I wouldn't have thought that possible when I first started.

"When I left school, I wasn't sure what I wanted to do. Taking time out helped me focus on what was important to me. And the support of the UWS staff and tutors has been invaluable. I can't wait to start on the next chapter of my life."

# Education

<b>School</b> Education and Social Sciences	<b>UCAS Code</b> <b>X100</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr	

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

### Build a career as a primary school teacher with our BA Education degree.

This course is designed to equip you with the skills to become an effective primary school teacher and provide you with a broad-based education in contemporary subjects.

It offers the flexibility of combining your studies in education with a specialism and valuable opportunities for school placement are embedded in each year of the degree, providing hands-on experience to complement your academic studies.

#### Course highlights

- This course provides a broad base in contemporary subjects and will provide you with the necessary skills to become an effective primary school teacher.
- Flexible study options allow you to combine your studies in education with a specialism, including literacy, mathematics, health & wellbeing, science, languages and inclusive education.
- You will spend 30 weeks of the course on placement to gain hands-on experience to complement your academic studies.
- Graduates go on to teach at primary school level all over the world.
- The course is accredited by the General Teaching Council for Scotland.

#### Entry requirements

**Year 1**  
**UCAS Tariff points:** 120-126  
**H:** AAAB or 126 Tariff points including English plus Maths at SG (credit)/Nat5 (B or above).  
**AL:** BBB or 120 UCAS Tariff points inc English or GCSEs English Language and English Literature at Grade A + GCSE Maths at Grade B or above  
**ILC:** H1H1H1H2 or H2H2H2H3 inc English, plus OL Maths at O2  
**IB:** 32 points with 4, 4, 4 at HL including English, plus SL Maths at 5  
**SWAP:** Access to Education (BBB) BTEC Level 4 at DDM

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.

**96%**  
**student satisfaction**  
National Student Survey 2019

**Ranked #1**  
**in the UK**  
Guardian University Guide 2020

**NB:** students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see [scotland.gov.uk](https://scotland.gov.uk)

#### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

## Feature

# Additional Support Needs

**Yvonne White, leader of the BA Education programme at UWS, has a passion for helping pupils, and student teachers.**

While school placements have always been core to the University's BA Education programme, Yvonne, who worked as a Learning Support teacher, wanted to give students a deeper insight into the lives of teachers working with pupils with Additional Support Needs (ASN) in specialist provision. And the students were eager to sign up.

#### Student-led

Yvonne says: "This was really a student-driven project. Although all student teachers are required to meet a range of needs in mainstream classrooms, they wanted to see what went on in Scotland's ASN schools.

"They were keen to learn more about supporting the learning of children and young people with, for example, autism, Down's Syndrome, hearing and visual impairments, and no verbal communication.

"The difficulties these pupils and teachers face, are unique, and sometimes highly challenging."

#### Expanding project

Launched as a small project, in partnership with Southcraig Campus in Ayr, UWS has now signed up eight local authorities and 22 ASN schools to the scheme.

**"The strategies and lessons our students learn are applicable in any classroom situation."**

Yvonne says: "This is a hands-on placement; the students embed themselves in the schools, building one-to-one relationships with pupils with very complex needs.

"Due to these needs, class sizes are usually small, with much more teacher/pupil interaction."

#### New classroom skills

UWS's student teachers have found a warm welcome in Scotland's ASN schools.

Yvonne says: "It's a great learning experience for them. By the end of their two-week placement – which is completely voluntary – they have picked up invaluable classroom coping skills.

"The strategies and lessons our students learn are applicable in any classroom situation."



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

<b>School</b> Education and Social Sciences	<b>Apply:</b> Please apply online at <a href="https://uws.ac.uk/ug">uws.ac.uk/ug</a>
<b>Duration</b> BA Hons 1 or 2 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

### Learn one of the key languages of international business with the BA English as a Second Language degree at UWS.

This course is designed for EU and international students who wish to become proficient in English. It will provide you with English language skills to open up a range of career opportunities with organisations around the world.

#### Entry requirements

**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.

#### Course highlights

- This course is designed for EU and international students who wish to become proficient in English.
- It will provide you with the English language skills to open up a range of career opportunities with organisations around the world.
- This one or two-year course offers entry at degree year level, building on your studies from your home institution.
- With an emphasis on small group teaching, you will study all aspects of the English language.
- You will refine and expand your knowledge and understanding of the language and its cultures, with a focus on authentic language development.



# Vision Schools – learning lessons from the Holocaust

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

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

Dr. Cowan said, "Vision Schools Scotland accredits primary and secondary schools that demonstrate innovation or good practice, and sustainability in teaching the Holocaust, and promotes extended professional learning in Holocaust education for Scottish teachers.

"Holocaust education develops young people's awareness of human rights and genocide, of stereotyping and scapegoating, of racism in general and antisemitism in particular."

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

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





# Engineering



**No.1 in Scotland for student satisfaction in Aeronautical, Manufacturing and General Engineering<sup>1</sup>**

## Section contents

- Aircraft Engineering
- Chemical Engineering
- Civil Engineering
- Engineering Management
- Mechanical Engineering

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

### Industry insight

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

### Practical experience

Employers prefer graduates with work experience and on average these graduates earn 28% more than those with no placement experience<sup>2</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, and the Chartered Institution of Highways and Transportation.

### 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.

### Graduate Apprenticeships (GAs)

We are delighted to be working with Skills Development Scotland (SDS) and with industry in partnership with employers to deliver a suite of GA programmes.

*"Studying at degree level is something I wanted to achieve for a long time but due to work commitments, attending a traditional university course was not possible. I currently work a mix of day and night shifts so the flexible approach of class time, online study and the work-based learning made it possible for me to undertake this course."*

**Andrew Begg**  
3rd year GA student in Engineering Design & Manufacture and Technical Services Engineer at Newsprinters

To find out more about the GA programmes visit [uws.ac.uk/GAs](https://uws.ac.uk/GAs)

### Industry-standard facilities

We offer fully equipped, industry-standard facilities. Extensive materials testing and analysis facilities; metrology laboratory; rapid prototyping centre; assembly and welding laboratories; and manufacturing facilities put our facilities among the best in the sector. We also have modern, dedicated IT facilities utilising a range of software suites such as CREO, ANSYS, ASPEN, Catia and Witness as well as other productivity software.

**REF2014**  
Research Excellence Framework

**Programmes underpinned by internationally excellent/world-class research**

**Athena SWAN Bronze Award**

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

**100 YEARS**

**Delivering applied engineering for over 100 years**

**Top in**

**Our Chemical Engineering and Civil Engineering BEng programmes were ranked top in Scotland in the Guardian University Guide 2020**

**Entry requirements/advanced entry**

The University's minimum entry requirements and information on our advanced entry points are stated on page 57 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

# Aircraft Engineering



**School** Computing, Engineering & Physical Sciences

**UCAS Code**  
BEng: **H410** / MEng: **H411**

**Duration**  
MEng Hons 5 years  
BEng Hons 4 years

**Contact**  
Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

**Campus** Paisley

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

## Prepare for a career in the aerospace industry with the MEng (Hons) / BEng (Hons) Aircraft Engineering course.

Designed in partnership with industry employers, this degree will provide you with skills related to aircraft design, manufacturing, aerodynamic and structural design, and to the repair and overhaul sectors. Combining theory and practice, laboratories and software sessions are integrated throughout the course.

### Course highlights

- This course is designed in partnership with industry employers to ensure it is relevant and up-to-date.
- You will gain skills related to a wide range of sectors within the aerospace industry.
- Practical elements including laboratories and software sessions are integrated throughout the course, allowing you to put theory into practice.
- You will see real-world applications of the subjects you study with visits to organisations such as Spirit AeroSystems and British Airways.
- This course is currently accredited by the Institution of Mechanical Engineers (IMechE) under license from the UK regulator, the Engineering Council<sup>1</sup>.

### Entry requirements

**Year 1**  
**MEng Hons**  
**UCAS Tariff points:** 58-114  
**H:** ABBC, or equivalent, or 114 UCAS Tariff points inc Maths & Physics, and English at least at Nat 5  
**AL:** BBC or 58 UCAS Tariff points inc Maths & Physics  
**ILC:** H2H2H2H3 inc Maths & Physics  
**IB:** 32 points

**BEng Hons**  
**UCAS Tariff points:** 88-102  
**H:** BBBC or equivalent (102 UCAS Tariff Points) including Higher Maths at B and Nat 5 Physics at B  
**AL:** CCD or 88 UCAS Tariff points inc Maths & Physics  
**ILC:** H3H3H3H4 inc Maths & Physics  
**IB:** 24 points  
**Scottish Wider Access Programme:** Access to STEM BBB

Direct entry to Year 2 or Year 3 may be possible. For specific grades and subjects see website listed above.

# Chemical Engineering IChemE

**School** Computing, Engineering & Physical Sciences

**UCAS Code**  
BEng: **H810** / MEng: **H811**

**Duration**  
MEng Hons 5 years (Sandwich available)  
BEng Hons 4 years (Sandwich available)

**Contact**  
Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

**Campus** Paisley

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

## Build a career in the chemical and process industries with the MEng (Hons) / BEng (Hons) Chemical Engineering degree.

This course offers excellent job prospects and the potential to help create a sustainable planet. It combines theoretical study, hands-on experience and group projects to ensure you develop essential skills required by employers in 21st-century chemical and process industries.

Industry experts regularly share their expertise through guest lectures and you will have access to world-class process simulation tools and laboratories.

### Course highlights

- This degree offers excellent job prospects and graduates go on to work at the forefront of the quest to create a sustainable planet.
- It combines academic study, practical work and group projects to equip you with the skills required by employers in 21st-century chemical and process industries.
- You will have access to laboratories and world-class process simulation tools such as Aspen Suite and Ansys Fluent.
- Industry experts regularly share their expertise through guest lectures.
- This course is accredited by the Institution of Chemical Engineers under license from the UK regulator, the Engineering Council<sup>2</sup>.

### Entry requirements

**Year 1**  
**MEng Hons**  
**UCAS Tariff points:** 58-114  
**H:** ABBC, or equivalent, or 114 UCAS Tariff points inc Maths & Chemistry, and English at least at Nat 5  
**AL:** BBC or 58 UCAS Tariff points inc Maths & Chemistry  
**ILC:** H2H2H2H3 inc Maths & Chemistry  
**IB:** 32 points

**BEng Hons**  
**UCAS Tariff points:** 88-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc Maths & Chemistry  
**AL:** CCD or 88 UCAS Tariff points inc Maths & Chemistry  
**ILC:** H3H3H3H4 inc Maths & Chemistry  
**IB:** 24 points  
**Scottish Wider Access Programme:** Access to STEM BBB  
**HNC:** Chemical Engineering

Direct entry to Year 2 or Year 3 may be possible. For specific grades and subjects see website listed above.

**92%**  
**student satisfaction – top in Scotland**

National Student Survey 2019<sup>2</sup>

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

<sup>1, 2 & 3</sup> relate to the BEng Hons only.

# Civil Engineering



**School** Computing, Engineering & Physical Sciences

**UCAS Code**  
**H200**

**Duration**  
BEng Hons (Sandwich) 4 years

**Contact**  
Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

**Campus** Paisley

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

## Learn the skills to design, construct and organise civil engineering projects with our BEng Civil Engineering degree.

This course covers broad-based civil engineering subjects to equip you with the knowledge and skills required by employers. Topics include mathematics, structural mechanics and design, hydraulics, surveying and project management.

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 88-102  
**H:** BBBC (102 UCAS Tariff Points) including Maths and one Science from Biology, Human Biology, Chemistry, Computing Science and Physics  
**AL:** CCD or 88 UCAS Tariff points inc Maths & 1 science  
**ILC:** H3H3H3H4 inc Maths & 1 science  
**IB:** 24 points  
**SQA HNC / BTEC Level 4 HNC:** Construction; Engineering: Building Services; Engineering Systems (for SQA awards, including a pass in the SCQF level 6 Mathematics unit).  
**Scottish Wider Access Programme:** Access to STEM BBB

Direct entry to Year 2 (with an HNC with an A in the Graded Unit and pass in the SCQF Level 7 Maths) and direct entry to Year 3 (with an HND with a B in the Graded Unit and pass in the SCQF Level 8 Maths) may be possible. For specific grades and subjects see website listed above.

Guest speakers from industry form a key part of the course to expand your understanding of the subject. The course also includes two 18-week periods of industrial training, which are obtained competitively.

### Course highlights

- Covers broad-based civil engineering subjects to equip you with the knowledge and skills required to succeed in a competitive graduate employment market.
- Regular guest speakers expand your understanding of the subject and provide industry insight.
- This course includes two periods of paid industrial training, obtained competitively, to prepare students for employment following graduation.
- This course is accredited as fully satisfying the educational base for an Incorporated Engineer (IEng) and has been accredited by the Institution of Civil Engineers, the Institution of Structural Engineers, the Institute of Highway Engineers and the Chartered Institution of Highways & Transportation.
- Ranked top in Scotland and 3rd in the UK in the Guardian University Guide 2020.

## Alumni

# Jack Sloss

**Programme**  
Civil Engineering

**Current position**  
Engineer at SYSTRA Ltd



**UWS graduate Jack Sloss turned his teenage fascination with bridges and buildings into a successful career as a civil engineer.**

Jack says: "At school, I was always interested in technology, and the computer systems used to model designs and decided to make my career in that sector."

### Unique course structure

After completing an HND in Civil Engineering, Jack chose UWS to study for his Honours degree; singling out the unique 'sandwich' nature of the UWS course – which allowed him to both work and study – as the deciding factor.

He says: "Over the four years, I got the chance to work for 36 weeks within the industry, while also getting paid. The insights, mentoring and advice I got from those already working on major projects was invaluable, and helped inform my coursework and final year dissertation."

### Varied projects

Jack, who won various engineering competitions while studying at UWS, is now using the skills he learned to help model and test designs for footbridges, carry out infrastructure inspection work ahead of the installation of new wind farms, and has even helped with the design work on a new café.

Working for SYSTRA, one of the top transport planning companies in the UK, he says: "During my course, I worked with Glasgow-based JMP Consultants. When they were taken over by SYSTRA, they kept me on."

### Placement pays off

"The office experience I'd gained during my placement – learning all their computer programmes and software systems – meant I could start working on projects right away.

"Not only did the work experience count for course credits, but I was paid, and was offered a job as soon as I graduated."

### Bright future

And his training hasn't stopped there. Jack says: "SYSTRA is putting me through the ICE (Institute of Civil Engineers) programme, so I can eventually become a chartered engineer."

That means that as well as regular site visits, and office-based work, Jack regularly attends training seminars in London.

Jack says: "I like the mix of projects I get to work on. I get to see the problems and solutions from both the contractors' and architects' side and try to come up with the right engineering solutions."



# Engineering Management

## (3rd Year Entry)

**School** Computing, Engineering & Physical Sciences

**UCAS Code**  
**H703**

**Duration**  
BEng Hons 2 years

**Contact**  
Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

**Campus**  
Lanarkshire

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

### Develop your technological problem-solving skills with our BEng Engineering Management degree.

The course will develop your technological problem-solving skills and your organisational, planning and management abilities. Teaching is practically-orientated, focusing on planning and the continuous improvement of engineering applications. You will develop your team working skills while undertaking a wide range of practical work using our industry-standard facilities.

#### Entry requirements

**Year 3 SQA HND / BTEC Level 5 HND:** Any engineering or related discipline, subject to approval of the Admissions Officer (for SQA awards with Grade B in the Graded Unit)

Direct entry to Year 4 (with a degree in a relevant discipline) may be possible. For specific grades and subjects see website listed above.

Industrial experience may be considered where formal qualifications are lower than above.

#### Course highlights

- This course is focused on producing graduates prepared for engineering careers in continuous improvement, planning, supervisory or project management roles.
- Teaching is practically orientated and you will develop your technological problem-solving skills and your organisational, planning and management abilities.
- Students undertake practical work in our industry-standard engineering facilities.
- Field visits also form an important part of the course - including BAE, Tata Steel and Diageo - to further deepen your understanding of the subject.
- You will complete your degree with the knowledge and experience to successfully oversee complex engineering projects from start to finish.

# Mechanical Engineering



**School** Computing, Engineering & Physical Sciences

**UCAS Code**  
BEng: **H300** / MEng: **H301**

**Duration**  
MEng Hons 5 years (Sandwich available)  
BEng Hons 4 years (Sandwich available)

**Contact**  
Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

**Campus** Paisley

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

### Build a career in the design, engineering and manufacturing sectors with the BEng (Hons) / MEng (Hons) Mechanical Engineering at UWS.

You will gain knowledge of scientific and engineering principles, taking a flexible approach towards new ideas and developments. You will hone your practical skills by using our industry-standard equipment and software for computer aided engineering design, manufacture and analysis with modern finite element and computational fluid dynamics methods, making you an attractive candidate to prospective employers.

#### Course highlights

- This course focuses on the needs of industry to help you stand out in the graduate employment market.
- Combines theory and practice, covering scientific and engineering principles as well as practical skills.
- You will learn how to use industry-standard equipment, making you an attractive candidate to prospective employers.
- This course is accredited by the Institution of Mechanical Engineers (IMechE) under license from the UK regulator, The Engineering Council<sup>1</sup>.
- This course includes paid placement and work experience opportunities.

#### Entry requirements

**Year 1 MEng Hons**  
**UCAS Tariff points:** 58-114  
**H:** ABBB, or equivalent, or 114 UCAS Tariff points inc Maths & Physics, and English at least at Nat 5.  
**AL:** BBC or 58 UCAS Tariff points inc Maths & Physics  
**ILC:** H2H2H2H3 inc Maths & Physics  
**IB:** 32 points

**BEng Hons**  
**UCAS Tariff points:** 88-102  
**H:** BBBC or equivalent or 102 UCAS Tariff Points including Maths Higher at B and at least Nat 5 Physics at B  
**AL:** CCD or 88 UCAS Tariff points inc Maths & Physics  
**ILC:** H3H3H3H4 inc Maths & Physics  
**IB:** 24 points  
**Scottish Wider Access Programme:** Access to STEM BBB  
**HNC/BTEC Level 4 HNC:** Relevant subject. See website for details

Direct entry to Year 2 or Year 3 may be possible. For specific grades and subjects see website listed above.

#### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>	
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>	
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

<sup>1</sup>relate to the BEng Hons only.

## Student profile

### Scott Forbes

**Programme**  
Engineering Management

**Current position**  
Quality Manager, Ryanair

#### Aircraft engineer Scott Forbes turned to UWS when he wanted to see his career take off.

Scott began his working life in the Army, serving in the Royal Electrical and Mechanical Engineers, and the Parachute Regiment. He's currently employed as Quality Manager, helping to maintain Ryanair's fleet of Boeing 737-800 aircraft.

#### Cleared for take off

Having studied aircraft engineering after leaving the forces, Scott was keen to move up the career ladder, and our BEng in Engineering Management course provided the perfect stepping stone.

Scott says: "I've worked at Ryanair for three years. I manage a team of five who, in turn, oversee the work of over 100 engineers.

"As a mature student, with a full-time job, trying to balance my work and studies was always going to be tricky. Thankfully, due to the flexible distance learning modules used by UWS, I could attend classes later in the day, or in the early evening."

#### Practical solutions

Now in the final year of his degree, Scott is already thinking about going on to complete a Masters qualification. And the lessons he learned at UWS, both theoretical and practical, are already starting to pay-off.

Scott says: "I'm a pretty practical, hands on kind of guy - I learn more easily in a real-life situation - and our tutors were great at giving us real world industry problems to solve. In the group learning situations, where we were broken down into groups of five or six, each person brought their own experience and expertise to bear on problem solving. That kind of peer-to-peer learning is invaluable."

#### Career progression

With a special interest in 'lean' management tools and methodologies - making people and plants work smarter rather than harder - Scott says: "I take the lessons I learn at UWS back into my own business."

And that is already paying off for Scott, who will soon be taking charge of quality management at three other European engineering centres, in Spain, Poland, and Lithuania.





# Health



**98% graduates<sup>1</sup> in work/  
further study 6 months  
after graduating<sup>2</sup>**

## Section contents

- Adult Nursing ▶
- Mental Health Nursing ▶
- Midwifery ▶
- Maternity Care Assistant (CertHE) ▶
- Integrated Health & Social Care/with Administration ▶
- Nursing Studies ▶
- Professional Health Studies ▶

### Practical experience

Hands-on experience is a key part of many of our programmes. This active teaching method creates a rich learning experience and complements what you learn in class.

50% of our pre-registration nursing programmes are delivered in practice. UWS offers a range of practice learning experiences throughout the west coast, and central Scotland and down to Dumfries. This offers students the exciting opportunity of working in remote and rural areas like Islay and Oban, as well as in acute hospital environments, and home and care home settings. Consequently, UWS students develop essential skills that will enable them to demonstrate ability to practise safely and effectively within diverse health and social care environments.

### State-of-the-art facilities

All four Scottish campuses are equipped with state-of-the-art clinical skills and simulation facilities, replicating hospital, primary care and domestic environments, supported by contemporary healthcare technologies. These spaces enable our students to learn authentically in a safe, supportive environment so that they can develop their knowledge and skills in direct preparation for practice.

We have invested in the Domus Initiative – a home environment at the cutting edge of research which provides our students with experience caring for older people,

**UWS is the largest provider of nursing and midwifery education in Scotland. Our graduates and staff are making an immense contribution to improving the health of the nation and are also making their mark across the world to improve health and wellbeing internationally.**

including those living with dementia. The Lanarkshire Campus provides midwifery students with excellent learning and teaching environments with facilities and equipment that includes a birthing room with maternal simulator and a birthing pool for simulated water births. Midwifery students will also have access to a simulated home environment to enable learning and teaching around home birth and home visits.

### Perfecting our blend of learning

Each of our campuses, including London, offer opportunities for students to study through a blend of face-to-face and online learning.

Our educational team is always horizon-scanning to ensure we are harnessing the most up-to-date and effective learning technologies to enhance the student learning experience. Recent innovations have included the use of virtual reality within simulation activities to enable a 360 degree immersive learning experience, as well as use of Tovertafel, a ground-breaking health technology that enhances quality of life for people living with dementia and autism.

### Teaching innovation

We have gained national recognition for our work. Some examples include:

- Our Midwifery team were shortlisted for Team of the Year at the Royal College of Midwives (RCM) Awards 2019.
- Our 'Changing Lives Through Technology Enabled Care' project aims to support the development of Scotland's future health and care workforce in the areas of digital and technology enabled care. It was a finalist in both the Student Nursing Times Awards 2019 and the Herald Higher Education Awards 2019.

- Our Dementia Champions programme, run in partnership with Alzheimer Scotland, was recognised by Universities UK in 2018 as one of the UK's Best Breakthroughs. The programme aims to transform dementia care in Scotland.

- 'Bridging the Gap Between Acute and Community Care', a joint initiative between UWS, NHS Ayrshire and Arran and Alzheimer Scotland, aimed at improving access to individualised dementia specific support, won Best Community Support Initiative at Scotland's Dementia Awards 2018.

- Our peer support project, 'Transitions to Recovery' won Educational Innovation of the Year at the MHN Scotland Awards 2017

- 'Jenny's Diary', a project that helps people with learning difficulties come to terms with dementia, won 'Self Management Resource of the Year' at the Alliance Self Management Awards 2017

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

### Protecting Vulnerable Groups Scheme (PVG Scheme)

Applicants to some of our programmes will be required to join the PVG Scheme. For more info visit [scotland.gov.uk](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

Our Adult/Mental Health Nursing and Midwifery programmes are exempt from tuition fees and you may be eligible for a nursing/

midwifery bursary if you are a Scottish/EU student. All other students will be required to pay tuition fees.

Information on funding and bursaries for these programmes can be found at:

[uws.ac.uk/money-fees-funding/nursing-midwifery-course-funding/](https://uws.ac.uk/money-fees-funding/nursing-midwifery-course-funding/)

You should check directly with your local funding body (e.g. SAAS, SFE, SFNI etc.) for information on eligibility to tuition fee and living cost support.

### 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.



**Programmes underpinned by internationally excellent/world-class research**



**Our Midwifery programme is accredited by UNICEF as Baby Friendly**

### Entry requirements/advanced entry

The University's minimum entry requirements and information on our advanced entry points are stated on page 57 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

# Adult Nursing

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>B740</b>
<b>Duration</b> BSc 3 years <sup>1</sup>	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr, Dumfries, Lanarkshire, Paisley	

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

### Take your first steps towards a career in nursing with the BSc Adult Nursing degree at UWS.

This course will provide the knowledge, skills, practical experience and confidence you will need for a successful career in nursing. It is 50% work-based learning, allowing you to put what you learn in the classroom into practice in a real-life clinical environment.

On completing this course, you will be able to register as a Registered Nurse with the Nursing and Midwifery Council (NMC).

#### Entry requirements

**Year 1 UCAS Tariff points:** 72-75  
**H:** BBC (or BC plus UWS 'First Steps to Nursing' module), or equivalent, or 75 UCAS Tariff points plus English and Maths at Nat 5/Int 2/SG (2 or above)  
**AL:** BC or 72 UCAS Tariff points plus GCSEs English Language or English Literature and Maths  
**ILC:** H3H3H4 plus O English and Maths  
**Scottish Wider Access Programme:** Access to Nursing: BBB  
**SQA HNC / BTEC Level 4 HNC:** Care and Administrative Practice preferred although any HNC will be considered plus Maths at Nat 5/Int 2/SG (2 or above) or equivalent  
**FETAC:** Complete and pass Level 5 plus Maths and English at OL

All applicants must satisfy the entry requirements of the Nursing and Midwifery Council including evidence of literacy and numeracy for entry to pre-registration nursing and midwifery programmes (NMC Circular 03/2008, revised 2010 Standards).

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

#### Course highlights

- This course is designed to provide the knowledge, skills, practical experience and confidence required for a successful career in nursing.
- It is 50% work-based learning, allowing you to put theory into practice in a real-life clinical environment.
- The combination of theory and practical skills you will gain enables you to provide professional, practical care and expert advice for people in their time of greatest vulnerability and need.

# 91%

**student satisfaction**  
National Student Survey 2019

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

<sup>1</sup> Subject to university validation there may be an option to complete an Honours year following completion of the BSc. Keep an eye on our website or contact us for further details.



# Mental Health Nursing

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>B760</b>
<b>Duration</b> BSc 3 years <sup>2</sup>	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr, Dumfries, Lanarkshire, Paisley	

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

### Start your career as a mental health nursing professional with the BSc Mental Health Nursing degree at UWS.

You will gain the knowledge, skills, practical experience and confidence to treat complex health and mental health needs, with a recovery-focused approach. Our course is 50% work-based learning, where you'll put theory into practice in a real-life clinical environment.

Upon graduation, you will achieve registration as a Registered Nurse in mental health with the Nursing and Midwifery Council (NMC).

#### Course highlights

- This degree provides you with the knowledge, skills, practical experience and confidence to become a mental health nursing professional.
- You will be prepared for a career in one of the most complex and fascinating fields of healthcare.
- An emphasis on work-based learning means you'll spend a significant amount of time in clinical settings putting what you've learnt in lectures into practice.

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

#### Entry requirements

**Year 1 UCAS Tariff points:** 72-75  
**H:** BBC (or BC plus UWS 'First Steps to Nursing' module), or equivalent, or 75 UCAS Tariff points plus English and Maths at Nat 5/Int 2/SG (2 or above)  
**AL:** BC or 72 UCAS Tariff points plus GCSEs English Language or English Literature and Maths  
**ILC:** H3H3H4 plus O English and Maths  
**Scottish Wider Access Programme:** Access to Nursing: BBB  
**SQA HNC / BTEC Level 4 HNC:** Care and Administrative Practice preferred although any HNC will be considered plus Maths at Nat 5/Int 2/SG (2 or above) or equivalent  
**FETAC:** Complete and pass Level 5 plus Maths and English at OL

All applicants must satisfy the entry requirements of the Nursing and Midwifery Council including evidence of literacy and numeracy for entry to pre-registration nursing and midwifery programmes (NMC Circular 03/2008, revised 2010 Standards).

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

# 100%

**of graduates in professional employment/ further study 6 months after graduating**  
DLHE Survey 2016/17

<sup>2</sup> Subject to university validation there may be an option to complete an Honours year following completion of the BSc. Keep an eye on our website or contact us for further details.

Entry requirements key		
<b>H</b>	SQA Higher Grade	<b>ILC</b> IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b> INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

## Student profile

### Preparing for a career in care

**Peter Cartwright**

**Programme**  
Mental Health Nursing

**BSc Mental Health Nursing student Peter Cartwright had been exposed to the issue of mental health from a young age – his parents worked in the field. And at the age of 26 when Peter was looking for a change of career he decided this was the profession for him.**

"I was always fascinated with how the brain works and how mental illness can impact on quality of life," says Peter. "I have a passion for meeting new people and thought that I was ideally suited for a career in this area. As soon as I started the course at UWS I knew I had made the correct choice."

Peter highlights the practical experience he is gaining during the course through placement opportunities as being vital for his future career. "Having the opportunity to put theory into practice is very beneficial. The placements give you a real sense of the job and a good insight into best practice."

Looking ahead, Peter plans on a career within addiction services and maybe even imparting his experience and knowledge on future students through lecturing further down the line. And Peter makes special mention of the UWS lecturers he plans on emulating.

"The support from my lecturers has been fantastic – they're approachable and extremely passionate about their subject which leads to a great learning environment."



# Midwifery<sup>3</sup>

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>B720</b>
<b>Duration</b> BSc 3 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire	

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

### Prepare for a rewarding career as a professional midwife with a BSc Midwifery degree at UWS.

This course will give you the knowledge, skills, practical experience and confidence to become a professional midwife. Our course is 50% work-based learning, where you'll put theory into practice in a real-life clinical environment.

#### Course highlights

- This degree provides you with the knowledge, skills, practical experience and confidence to become a professional midwife.
- You will be prepared for a rewarding career supporting mother and child through pregnancy, childbirth and postpartum care.
- There is an emphasis on work-based learning (theory learned will be applied in clinical practice).
- Upon graduation, you will become an NMC Registered Midwife.
- The course carries UNICEF's UK Baby Friendly Initiative accreditation for ensuring midwifery students are equipped with knowledge and skills to advise and support breastfeeding mothers.

#### Entry requirements

**Year 1 UCAS Tariff points:** 96-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc English & preferably a science plus Maths at Nat 5/Int 2/SG (2 or above), or BBC including English plus First Steps to Nursing module  
**AL:** CCC (Preference given to science based subject) plus GCSEs in Maths, English Language and English Literature  
**ILC:** H3H3H3H4 inc English & preferably a science plus Maths at O  
**SQA HNC / BTEC Level 4 HNC:** Care & Administrative Practice preferred although other HNC's will be considered plus H English & Maths at Nat 5/Int 2/SG (2 or above)  
**SQA HND / BTEC Level 5 HND:** Relevant HND's will be considered plus Maths at Nat 5/Int 2/SG (2 or above)  
**FETAC:** Complete and pass Level 5 plus Maths and English at OL

All applicants must satisfy the entry requirements of the Nursing and Midwifery Council including evidence of literacy and numeracy for entry to pre-registration nursing and midwifery programmes (NMC Circular 03/2008, revised 2010 Standards).

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

# 94%

**student satisfaction – top in Scotland**  
National Student Survey 2019

<sup>3</sup> This course will run in 2020 subject to Nursing and Midwifery Council (NMC) re-approval. Contact us for up-to-date info.



## Maternity Care Assistant (Cert HE)

<b>School</b> Health & Life Sciences	<b>Apply</b> Please apply online at <a href="https://uws.ac.uk/ug">uws.ac.uk/ug</a>
<b>Duration</b> Cert HE 6 months	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire	

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

### Prepare for a rewarding career in maternity services with our Certificate of Higher Education (CertHE) Maternity Care Assistant course.

This course is designed to develop the knowledge and skills of existing Maternity Care Assistants (MCAs). It integrates the knowledge, understanding, skills and attitudes necessary to work in a multi-disciplinary, woman-centred healthcare environment.

#### Course highlights

- This course is designed to develop the knowledge and skills of existing Maternity Care Assistants (MCAs).
- Places on this course are fully funded by the NHS.
- You will gain the knowledge, understanding, skills and attitude necessary to work in a multi-disciplinary, woman-centred healthcare environment.
- Each trimester comprises a short theory block followed by practice placements to integrate and consolidate your learning with skills acquisition, attitudes and behaviours.
- This course meets the requirements for professional proficiency and fitness to practice in relation to the achievement of MCA Competencies (NES, 2006).

#### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

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

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>L430/L431</b>
<b>Duration</b> BA Hons 3 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

### Build a career within the health and social care sector with our BA Integrated Health & Social Care/with Administration degree.

The course will help you understand public policy as it relates to health and social care, and develop knowledge and skills to provide joined-up, comprehensive support services which meet people's needs.

#### Course highlights

- This degree is designed for individuals who wish to pursue a career within health and social care in the public, private or voluntary sector.
- It will help you understand the interplay between integrated health and social care systems.
- You will develop knowledge and skills to provide joined-up, comprehensive support services which meet people's needs.
- You will also explore the practical ways in which support providers can work together to deliver a better, more joined-up service to individuals.

#### Entry requirements

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

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

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

### Student profile

## Fighting for a better future

A passion for helping young people find their own voice saw David Brady quit his Business Analyst job to return to full-time education.

**A different outlook**  
David, 38, had spent many years working in banking IT before a volunteer role working with young disabled footballers made him re-evaluate his career and life goals.

He says: "I'd gone straight from school into the bank, without really thinking about it. Volunteering with local disabled children changed my outlook, and, eventually, my life."

**Personal experience**  
From the football club, David started volunteering with a local ADHD support group, before deciding that he wanted to study for a recognised Health and Social Care qualification.

David says: "It was personal for me. As a youngster, I suffered my own health problems.

"Luckily, for me, I was articulate – I had a voice, and I also had a very supportive family.

"Sadly, many children don't have that, and need people to advocate on their behalf; to be their champions."

**Course fitted around my life**  
After starting on an HNC course, it was a visit from UWS lecturers that spurred David on to study for the BA Integrated Health and Social Care Honours degree.

He says: "The blended learning nature of the course at UWS allowed me to continue working while I studied."

David's passion for volunteering saw him land a full-time job even before he graduated, working with young people at the Renfrewshire Carers Centre.

David says: "I run the Young Adult Carers project, helping young adult carers to move ahead in their lives. Many of these young people have spent years helping to look after parents or family members with health, drug or alcohol, or mental health problems.

**David Brady**

**Programme**  
Integrated Health & Social Care

"We offer the young adult carers one-to-one support, drop-in sessions, and help with school or college problems. We also try to give them something to look forward to, organising group nights, outings and training."

#### Rewarding career

David has also now become a board member of the Health and Social Care Alliance Scotland Academy Board. The ALLIANCE is the national third sector intermediary for a range of health and social care organisations.

He says: "At times the work can be really challenging; we are always looking for funding to support our services, but I love my job and can see myself staying in the care sector for the rest of my life.

"Helping young people, and seeing them blossom, is the most rewarding thing I've ever done."

David in the UWS Domus Room where several of the course assessments take place

Feature

# Changing the face of dementia care

University of the West of Scotland is leading the way in which nursing staff, carers and wider society rise to the challenge of providing the best care possible to people with dementia.

**Challenges ahead**  
Dementia is the biggest health and social care challenge faced by society today. There are around 90,000 people living with dementia in Scotland and around 3,200 are under the age of 65. By the year 2020 there will be more than one million people living with dementia in the UK.

UWS – the largest provider of nurse training in Scotland - is a leader in the field for dementia-related teaching and research. The Alzheimer Scotland Centre for Policy and Practice at UWS is a centre of excellence, advancing dementia policy and practice through education and applied research in Scotland and beyond.

**Changing attitudes**  
Dementia care and education is embedded in all the nursing courses at UWS.

“We’re rewriting how people think about and describe and respond to advanced dementia,” says Debbie Tolson, Alzheimer Scotland Professor of Dementia at UWS. “At the heart of it is helping people do their best, whether students, student nurses or those working with people who have dementia. It’s also about helping those who have been diagnosed with dementia to have the best lives they can, have fun, have opportunities, be valued members of society.”

Dementia research and teaching at UWS is already informing other aspects of society and public policy, increasing awareness and understanding of the condition amongst the public, and changing how people with dementia are seen.

**Unique teaching**  
Part of the innovative dementia training offered at UWS takes place in the Domus suites; highly adapted and enabling domestic room settings which help nursing students to understand the potential for the design of the environment to support and enhance the lives of people living with dementia as they experience the changes caused by their illness.

That kind of first-hand insight is invaluable when it comes to putting theory into practice in a care setting.

Dr Margaret Brown, Senior Lecturer in the Alzheimer Scotland Centre for Policy and Practice at UWS says: “It’s about enabling those living with dementia to lead fuller lives. The Domus space is like a working and living laboratory, encouraging students to engage with research and evidence as they learn.

“We work with people living with dementia, their families and the wider health and social care team, to consider dementia-friendly design in the care and home environment. We want to contribute to the aim of keeping people in their own homes, or a homely environment with support from their community for as long as possible.”

**Person-centred care**  
The UWS ethos on dementia care puts its focus on the person, not the problem. Margaret adds: “It’s very important that our nurses are at the forefront of that care and listen to the voices of those living with dementia”.

“We are constantly developing innovative classroom and online resources to keep our students up-to-date with the latest evidence and practice in dementia care.”

Dementia research and learning developed at UWS is now being delivered in seven countries worldwide.

**Career opportunities**  
With caring for older people becoming an ever more essential part of a nurse’s practice, and 850,000 people diagnosed with dementia in the UK, there is a great demand for the skills and competencies gained through the programmes UWS offers.

“Dementia will touch all our lives,” says Margaret, “and we have to take responsibility for the care of those we love. We must create a kind and compassionate culture, one where people living with dementia are respected and listened to.

“We have to inspire our students to be the future of dementia nursing”

“We must create a kind and compassionate culture, one where people living with dementia are respected and listened to.”



UWS students in the Domus Room

## Nursing Studies (3rd Year Entry)

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> BB70
<b>Duration</b> BSc Hons 2 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

**Progress your career as a nursing professional with the BSc Nursing Studies degree at UWS.**

This course has been designed for international nurses and 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 gain in-depth knowledge of contemporary nursing professional practice.

**Entry requirements**  
**Year 3**  
Applicants will have a professional nursing qualification and professional registration in their own country. Applications will be assessed on an individual basis.

**Course highlights**

- You will learn how to respond to the changing health needs of the people and populations you encounter in solution-focused and innovative ways.
- Teaching is focused on creating opportunities and challenges for you to understand and evaluate professional issues.
- The course builds on the knowledge and skills you have gained in your previous nursing study and/or work experience and develops your nursing leadership and advanced clinical practice skills to help progress your career.
- You will develop your analytical knowledge and skills in interpreting the role of nursing in different socioeconomic environments.



**Entry requirements key**

<b>H</b> SQA Higher Grade	<b>ILC</b> IRISH LEAVING CERTIFICATE
<b>AH</b> Advanced Higher	<b>H</b> Higher Level
<b>SG</b> Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b> Intermediate 2	<b>IB</b> INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b> National 5	<b>H</b> Higher Level
<b>AL</b> GCE A-Levels	<b>S</b> Standard Level

## Professional Health Studies (3rd Year Entry)

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> L5T3
<b>Duration</b> BSc Hons 2 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 (44 141 849 4101 outwith UK) ask@uws.ac.uk For info on the full-time study option at London Campus contact info.london@uws.ac.uk
<b>Campus</b> London, Paisley, online <sup>1</sup>	

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

**Build a career as a healthcare professional with the BSc Professional Health Studies degree at UWS.**

This course will help you understand the relationship between integrated health and social care systems. 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.

This degree is designed to enhance the skills of health and social care professionals and those working in allied health services.

**Entry requirements**  
**Year 3**  
**SQA HND / BTEC Level 5 HND:**  
Relevant qualification in Healthcare such as HND in Health and Social Care  
  
Entry to Year 4 may be possible for those holding a Bachelors degree in healthcare. Contact [ask@uws.ac.uk](mailto:ask@uws.ac.uk) for more info.

**Course highlights**

- This degree will help you understand the relationship between integrated health and social care systems - an increasingly important area of health policy.
- 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.
- You will also develop critical awareness of workplace factors that could improve the patient experience.
- There is a part-time, online study option that allows you to study at your own pace, and to fit your studies around other commitments.

<sup>1</sup> The online version of this programme is studied part-time - for more info contact [hnmguidance@uws.ac.uk](mailto:hnmguidance@uws.ac.uk)

**NB:** at London Campus there are intakes in September and January.





# Life Sciences



**Internationally excellent and world-leading research<sup>1</sup>**

## Section contents

- Applied Biomedical Science
- Applied Bioscience
- Applied Bioscience & Zoology
- Applied Bioscience with Forensic Investigation
- Biomedical Science
- Environmental Health
- Occupational Safety & Health
- Pharmacy Science & Health

**UWS life sciences 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.**

### Fieldwork

Our programmes offer a balance of theory and practice. Many of our modules include off-campus fieldwork components. UWS students have gained practical experience in Norway, Australia and in the US.

### Professional recognition

Many of our programmes are accredited or approved by professional bodies such as the Health and Care Professions Council, Institute of Biomedical Science, Royal Environmental Health Institute of Scotland and the Institute of Occupational Safety and Health.

### First-class facilities

Get the hands-on experience you need. The research we undertake in Biomedical and Environmental Health provides the underpinning science for our taught programmes. We give you extensive access to labs and workshop facilities from the start of your programme.

### Lanarkshire

Newly developed facilities at the Lanarkshire Campus, will be equipped to carry out cutting edge research and deliver state-of-the-art instruction. Labs and learning areas will include technology enhanced bioscience teaching labs, specialised Zoology lab facilities and a separate microbiology suite. The teaching facilities will be augmented by a dedicated set of research laboratories which have been designed to include genomic, biochemical, cell biology and advanced image analysis systems.

### Paisley

Facilities at Paisley include a state-of-the-art microbiology lab; new facilities for teaching and research in analytical chemistry, biology and biotechnology; a Spatial Pattern Analysis lab; and polarised light and fluorescent microscopes with advanced image analysis systems and a high-resolution laser Doppler imager.

### Placement/work-related learning

Get real-world experience and enhance your CV with placement opportunities – see individual programme entries for details. UWS students have worked with industry giants such as BNFL, GlaxoSmithKline and British Energy and have undertaken work related learning in Europe, Africa and Asia.

### Research to improve our world

Research in the Institute of Biomedical & Environmental Health Research (IBEHR) focuses on humans, health and disease, and the environment, in our drive to improve the world we live in. UWS scientists are working at the forefront of the profession. Being taught by research-active staff means that you'll directly benefit from our extensive expertise, experience and applied knowledge across a breadth of related disciplines.

### Physical & Chemical Sciences

The University also offer a range of programmes in physical & chemical sciences - see pages 43-46 for more details.



**Programmes underpinned by internationally excellent/world-class research**



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

### Entry requirements/advanced entry

The University's minimum entry requirements and information on our advanced entry points are stated on page 57 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

# Applied Biomedical Science



School Health & Life Sciences

UCAS Code  
C910

### Duration

BSc Hons 4 years  
BSc Hons (Sandwich) 5 years

Campus Lanarkshire (Year 1 or 2 entry), Paisley (Year 3 entry)

### Contact

Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

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

## Prepare for a career at the forefront of modern healthcare with the BSc Applied Biomedical Science degree at UWS.

This course has been developed to provide a pathway to becoming a professional biomedical scientist. You will complete modules in biology, chemistry and statistical analysis – which will underpin your knowledge and understanding – before progressing to study advanced aspects of biomedical science.

### Course highlights

- This degree is designed to prepare you for a career working at the forefront of modern healthcare, playing a vital role in the effective diagnosis, monitoring, treatment and prevention of disease.
- It has been developed in partnership with the National Health Service and the Health & Care Professions Council to provide a pathway to becoming a professional biomedical scientist.
- You will complete modules in biology, chemistry and statistical analysis – which will underpin your knowledge and understanding – before progressing to study advanced aspects of biomedical science.
- Much of your teaching will take place in NHS laboratories, with expert tuition from NHS staff.
- This degree is accredited by the Institute of Biomedical Science and the Health & Care Professions Council (HCPC).

**NB:** at present there is no financial help towards undertaking the placements (e.g. travel or accommodation).

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b> IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b> INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

### Entry requirements

#### Year 1

**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc Biology or Human Biology  
**AL:** CDD or 80 UCAS Tariff points inc Biology or Human Biology  
**ILC:** H3H3H3H4 inc Biology or Human Biology  
**IB:** 27 points (inc Biology or Human Biology)  
**Scottish Wider Access Programme:** Access to Medicine and Access to Science: BBB inc Biology

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

Non-EEA students are ineligible to participate in the clinical work placement element of this course.

For the BSc Applied Biomedical Science degree entry to the HCPC register is dependent on the necessary character and health checks.

**100%**  
**of graduates in work/further study 6 months after graduating**  
HESA Performance Indicator 2016/17

# Fresh Breath



A new award-winning partnership sees UWS working with institutes in Ireland and Northern Ireland on a research project to better understand and alleviate the impact of lung disease. The Border and Regions Airways Training Hub (BREATH) project includes UWS, the Dundalk Institute of Technology in the Republic of Ireland and Queen's University Belfast, and was recently awarded the Northern Ireland Healthcare Award (2018).

Our research team is led by Professor John Lockhart, from the Institute of Biomedical and Environmental Health Research. He says, "This exciting new collaborative programme will provide major insights into lung disease in south-west Scotland, help identify better treatments and possible preventions, and also enhance regional public awareness."

Lung disease – or more specifically chronic obstructive pulmonary disease (COPD) – is a big problem in the region.

**What is COPD and its main causes? Chronic obstructive pulmonary disease is an incurable respiratory condition.**

### Smoking

The primary cause, whether active or passive smoke.



### Air pollution

Other risk factors include air pollution and exposure to dust and fumes.



Ayrshire and Dumfries & Galloway have some of the highest numbers of COPD-related hospital admission anywhere in the UK. In 2011, it was estimated that the annual economic burden of COPD across the EU was approximately €141.4 billion.

The cross-border partnership will provide a much-needed boost to research efforts, says Dr Gary Litherland. "By combining efforts of academic, clinical and industry partners, this project will transform COPD research in regions of great need," he says.

The €7.7 million EU INTERREG V supported project is also already providing excellent opportunities for a number of PhD students in all three countries.

### BREATH impacts

- WINNER, Asthma/COPD Project of the Year 2018; NI Healthcare Awards
- BREATH presented at INTERREG Showcase Event, EU Parliament, Nov 2017

# Applied Bioscience

School Health & Life Sciences

UCAS Code  
C710

### Duration

BSc Hons 4 years  
BSc Hons (Sandwich) 5 years

Campus Lanarkshire (Year 1 or 2 entry), Paisley (Year 3 entry)

### Contact

Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

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

## Get ready to pursue a career in the biological sciences with the BSc Applied Bioscience degree at UWS.

You will receive a general grounding in biological disciplines to underpin your knowledge and understanding before progressing to study more specialised and advanced bioscience topics. Work-related learning combined with access to state of the art laboratories at UWS will prepare you for a wide range of career options.

### Course highlights

- This degree equips you with the skills to pursue a career within biological sciences including molecular biology, biochemistry, microbiology and immunology.
- You will receive a general grounding in biological disciplines before progressing to study more specialised and advanced bioscience topics.
- Work-related learning combined with access to state of the art laboratories at UWS will prepare you for a wide range of career options.
- Successful graduates automatically fulfil the educational requirements of Associate Membership of the Royal Society of Biology.

### Entry requirements

#### Year 1

**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc Biology or Human Biology  
**AL:** CDD or 80 UCAS Tariff points inc Biology or Human Biology  
**ILC:** H3H3H3H4 inc Biology or Human Biology  
**IB:** 24 points inc 3 subjects at H4 one should be Biology or Human Biology  
**Scottish Wider Access Programme:** Access to Medicine and Access to Science: BBB inc Biology or Human Biology

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

**95%**  
**student satisfaction in bioscience-related subjects**  
National Student Survey 2019



# Applied Bioscience & Zoology

School Health & Life Sciences

UCAS Code  
CC93

### Duration

BSc Hons 4 years  
BSc Hons (Sandwich) 5 years

Campus Lanarkshire (Year 1 or 2 entry), Paisley (Year 3 entry)

### Contact

Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

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

## Get ready to pursue a career in the zoological sciences with our BSc Applied Bioscience & Zoology degree.

You will receive a grounding in biological and general science before progressing to study more advanced bioscience topics. Field work is a key feature of this course and a work-related learning module is also available in Year 3.

Upon completion you will meet the academic requirements to be an Associate Member of the Royal Society of Biology.

### Course highlights

- This course will give you a thorough grounding in biological and general science to underpin your learning before progressing to study more advanced bioscience topics.
- Field work is a key feature of this course, with a number of day trips and a residential marine biology field trip in Year 3.
- A work-related learning module is available in Year 3, with students undertaking placements at organisations such as Blair Drummond Safari Park, Amazonia and Scottish SPCA.
- Industry guest speakers will deepen your understanding of bioscience and help you understand the range of career options that will be available to you following graduation.
- Upon completion you will meet the academic requirements to be an Associate Member of the Royal Society of Biology.

### Entry requirements

#### Year 1

**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc Biology or Human Biology  
**AL:** CDD or 80 UCAS Tariff points inc Biology or Human Biology  
**ILC:** H3H3H3H4 inc Biology or Human Biology  
**IB:** 24 points inc 3 subjects at H4 (inc Biology or Human Biology)  
**Scottish Wider Access Programme:** Access to Medicine and Access to Science: BBB inc Biology or Human Biology

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

**95%**  
**student satisfaction in bioscience-related subjects**  
National Student Survey 2019



## Applied Bioscience with Forensic Investigation

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> C7F4
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire (Year 1 or 2 entry), Paisley (Year 3 entry)	

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

### Kick start your career as a forensic scientist with the BSc Applied Bioscience with Forensic Investigation degree at UWS.

This course will equip you with the forensic analysis skills to assess crime scenes, and analyse biological and chemical evidence. It will also help to develop your complex problem solving skills.

#### Course highlights

- Teaching focuses on the theory and application of laboratory techniques used in bioscience and forensic science.
- An emphasis is placed on interactive learning and assessment, including case studies and discussion groups.
- Work-based learning allows you to apply your knowledge in a real-world setting and the skills you will acquire on this course are sought after by many employers.

#### Entry requirements

**Year 1**  
**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc Biology or Human Biology  
**AL:** CDD or 80 UCAS Tariff points inc Biology or Human Biology  
**ILC:** H3H3H3H4 inc Biology or Human Biology  
**IB:** 24 points inc 3 subjects at H4 (inc Biology or Human Biology)  
**Scottish Wider Access Programme:** Access to Medicine and Access to Science: BBB inc Biology or Human Biology

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

**95%**  
student satisfaction in bioscience-related subjects  
National Student Survey 2019

#### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

### Student profile

## Franklin Jacob Babu

#### Programme

##### Applied Bioscience with Forensic Investigation

As you would expect of a forensic scientist, international student Franklin Jacob Babu did his research before choosing to study at UWS.

Born and raised in Chennai, India, Franklin wanted to combine his interest in biology with his fascination for forensics. His detective work led him to UWS, and its unique BSc course in Applied Bioscience with Forensic Investigation.

"I had already decided that I wanted to study in the UK," says Franklin, "but when I met the UWS recruitment team, in Bangalore, I realised this course was the perfect fit for me.

"Arriving in a new country, I had to hit the ground running, both in terms of my studies, and building a new social circle, and UWS has been brilliant for that. Ever since I arrived, I have been involved in the life of the University, the students' union, and student welfare issues."

Franklin's dedication was rewarded in 2017 when he was runner-up in the 'Student of the Year' category at the NUS International Student Awards, for his contribution to the experience of international students across UWS.

Currently taking a sabbatical, to serve as Vice President of Societies & Citizenship at the University's Students' Association, Franklin thinks his extra-curricular activities have been as important to his growth as his studies.

He says: "UWS is a very open and listening university and wants to hear the views of its students. The opportunities I've had here have been brilliant. I've gained multiple new skills and knowledge in different fields."

Franklin has also put his academic skills into practice; undertaking a three-month internship at Glasgow Scientific Services, the city council's Trading Standards and Environmental Health testing laboratory.

He is now considering taking his studies to PhD level once he has finished his undergraduate course, and is also committed to continuing his work in the student and wider community.



## Biomedical Science



<b>School</b> Health & Life Sciences	<b>UCAS Code</b> B940
<b>Duration</b> BSc Hons 4 years BSc Hons (Sandwich) 5 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire (Year 1 or 2 entry), Paisley (Year 3 entry)	

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

### Prepare to play a vital role in modern healthcare provision with the BSc Biomedical Science degree at UWS.

This course has been developed to provide a pathway to becoming a professional biomedical scientist. You will complete modules in biology, chemistry and statistical analysis – which will underpin your knowledge and understanding – before progressing to study advanced aspects of biomedical science.

#### Course highlights

- This degree is designed to prepare you for a career working at the forefront of modern healthcare, playing a vital role in the effective diagnosis, monitoring, treatment and prevention of disease.
- It has been developed in partnership with the National Health Service to provide a pathway to becoming a professional biomedical scientist.
- You will complete modules in biology, chemistry and statistical analysis – which will underpin your knowledge and understanding – before progressing to study advanced aspects of biomedical science.
- A 12-month optional placement is available as part of the course, allowing you to apply your knowledge in a real-world laboratory setting.
- This degree is accredited by the Institute of Biomedical Science.

#### Entry requirements

**Year 1**  
**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc Biology or Human Biology  
**AL:** CDD or 80 UCAS Tariff points inc Biology or Human Biology  
**ILC:** H3H3H3H4 inc Biology or Human Biology  
**IB:** 27 points (inc Biology or Human Biology)  
**Scottish Wider Access Programme:** Access to Medicine and Access to Science: BBB inc Biology or Human Biology

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

Non-EEA students are ineligible to participate in the clinical work placement element of this course.

For the BSc Applied Biomedical Science degree entry to the HCPC register is dependent on the necessary character and health checks.

**100%**  
of graduates in work/further study 6 months after graduating  
HESA Performance Indicator 2016/17



**NB:** at present there is no financial help towards undertaking the placements (e.g. travel or accommodation).

### Alumni

## Louise Jackson

#### Programme

##### Biomedical Science

#### Current position

##### Specialist Biomedical Scientist at the Royal Alexandria Hospital

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

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

As it was, Louise was already working for the NHS by the time she collected her degree. "I'm involved in everything from routine blood tests to life-saving blood transfusions – we work to ensure blood and blood products are compatible for issue to patients."

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

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

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

And it's a career that continues to reach new heights. Louise has recently successfully obtained the IBMS Specialist Diploma in Haematology and Hospital Transfusion Practice and is returning to UWS to study for a Masters in Advanced Biomedical Science. We can't wait to see her back on campus!



# Environmental Health



<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>B910</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire (Year 1 or 2 entry), Paisley (Year 3 entry)	

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

## Prepare for a career as a professional environmental health officer with the UWS BSc Environmental Health degree.

You will receive an introduction to the basic sciences and environmental health and safety before progressing to study specialist environmental health topics.

You will explore how the natural and built environment impacts on human health and learn how to keep people safe and healthy using science, technology, law and professional practice.

### Course highlights

- This degree provides a direct pathway to become a professional environmental health officer (EHO).
- You will receive an introduction to basic biological and chemical sciences, and environmental health and safety before progressing to study specialist environmental health topics.
- After Year 1 there is the option to progress to degrees in applied bioscience, chemistry, and occupational safety and health as well as environmental health.
- This is the only course of its kind on offer in Scotland that is accredited by the Royal Environmental Health Institute of Scotland (REHIS) and the Institution of Occupational Safety & Health (IOSH).

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc 1 science<sup>1</sup>  
**AL:** CDD or 80 UCAS Tariff points inc 1 science<sup>1</sup>  
**ILC:** H3H3H3H4 inc 1 science<sup>1</sup>  
**IB:** 24 points inc 3 subjects at H4 one should be a Science  
**Scottish Wider Access Programme:** Access to Medicine, Access to Science, Access to Chemical and Life Sciences

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

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

<sup>1</sup> Science subjects: Geography, Maths, Biology, Human Biology, Chemistry, Physics, Psychology, Sociology, Modern Studies.

## Staff profile

# From the ground up

### Professor Andrew Hursthouse

#### Professor of Environmental Geochemistry

- East meets west
- Engineering solutions
- Green technology

### Lessons learned in post-industrial Scotland are helping China to clean-up and restore its environment for future generations.

Andrew Hursthouse, UWS's Professor of Environmental Geochemistry is helping to bring academics, industry, and local and national government together in China's Hunan Province, to help restore land polluted by years of mining and mineral exploitation.

#### Chinese exchange

Andrew, who is also now a government sponsored expert at Hunan University of Science & Technology, says: "I've been working on the project since 2014, and spend a number of months every year in China.

"Scotland, particularly the west of Scotland, has a history of heavy engineering, chemicals and mining industry, which led to soil and water pollution. When those industries closed, we had to find ways to clean-up the sites – often located on prime housing or building land – for future use.

"The skills and technologies learned here are applicable on the world stage."

#### Technology transfer

"UWS staff and students, as well as the students at Hunan University of Science & Technology in China, are now trying to solve similar, long-standing pollution problems."

Part of that solution is helping China to train and develop a new generation of environmental scientists.

Andrew says: "We have a Chinese PhD student, Na Song, working between UWS and Hunan University, helping to support our Chinese Masters students."

#### Learning process

"We don't have all the answers," cautions Andrew. "We have a lot to learn from our Chinese colleagues about reusing waste materials – in some sectors they are ahead of us. The scale of operation in China, and how quickly they can implement major change is vastly different to the UK.

"With both central and local government backing for our projects, there are great opportunities for technology transfer.

"For years, the environment, and its protection, was a low priority in China. Today, it's a central issue. And that focus now extends to urban management; planning new towns and cities so that they are sustainable and have minimal impact on the environment."

#### Old problems, new solutions

Andrew adds: "The nature-based, green solutions we are studying can help cut air pollution and prevent seasonal flooding. It's not only about cleaning up past pollution, it's about preventing further pollution, protecting the food chain, improving water quality, and human health and wellbeing. That creates a whole variety of interesting career opportunities for new UWS graduates."



# Occupational Safety & Health



<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>N620</b>
<b>Duration</b> BSc Hons 4 years <sup>2</sup>	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire (Year 1 or 2 entry), Paisley (Year 3 entry)	

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

## Learn how to manage health and safety in the workplace with the BSc Occupational Safety & Health degree at UWS.

You will study modern approaches to occupational health and safety including safety management systems; risk assessment; risk reduction and risk control techniques; how to foster a safe and healthy work culture amongst the workforce; and environmental management.

On completion of this course you will be eligible to apply for graduate membership of the Institution of Occupational Safety and Health (Grad IOSH).

### Course highlights

- This course will give you the knowledge, skills and confidence to manage the health and safety of your organisation.
- It is designed to give you a competitive edge as an occupational safety and health professional in a range of industry sectors.
- You will learn about modern approaches to health and safety in the workplace.

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc 1 science<sup>3</sup>  
**AL:** CDD or 80 UCAS Tariff points inc 1 science<sup>3</sup>  
**ILC:** H3H3H3H4 inc 1 science<sup>3</sup>  
**IB:** 24 points inc 3 subjects at H4 one should be a science  
**Scottish Wider Access Programme:** Access to Medicine and Access to Science: BBB

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

**100%**  
**of graduates in work/further study 6 months after graduating**  
 HESA Performance Indicator 2016/17

<sup>2</sup> The programme is also offered on a part-time basis.

<sup>3</sup> Science subjects: Geography, Maths, Biology, Human Biology, Chemistry, Physics, Psychology, Sociology, Modern Studies.

# Pharmacy Science & Health (Year 3 Entry)

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>B2L5</b>
<b>Duration</b> BSc Hons 2 years BSc Hons (Sandwich) 3 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

## Prepare for a rewarding career in the pharmaceuticals sector with the BSc Pharmacy Science & Health degree at UWS.

Teaching focuses on a health improvement philosophy. You will gain a fundamental understanding of the basic science of pharmacy and explore the subject in health and clinical contexts.

Laboratory work is a key feature of the course, equipping you to meet the challenges associated with practical work in the pharmaceutical health sector.

### Entry requirements

**Year 3**  
**SQA HND/BTEC Level 5 HND:**  
 HND in a relevant science subject.

### Course highlights

- This course will prepare you for a rewarding career in the pharmaceuticals sector.
- You will gain a fundamental understanding of biology, chemistry and pharmacology, as well as the inter-relationship of prescribed drugs on individual and public health.
- Teaching focuses on a health improvement philosophy to prepare you for a career in the modern pharmaceuticals industry.
- Laboratory work is a key feature of the course, equipping you to meet the challenges associated with practical work in the pharmaceutical health sector.
- Upon completion of this course you will have the skills to join organisations in pharmaceutical and healthcare sectors in Scotland and around the world.





# Physical & Chemical Sciences

## Section contents

- Chemistry
- Chemistry with Education
- Forensic Science
- Mathematics with Education
- Physics
- Physics with Education
- Physics with Nuclear Technology

Developed in collaboration with industrial partners, our programmes offer vocationally-relevant, professionally recognised qualifications. You'll put your skills to the test in our industry-standard facilities and have the opportunity to undertake a contemporary educational experience with the option for placement at home or abroad. We also offer the opportunity to combine your passion for our physical and chemical sciences with a career in secondary teaching.

### Our programmes

Our physical and chemical sciences programmes will give you a detailed knowledge of the core concepts in one of the fundamental sciences of physics, chemistry, or mathematics. Input from industry helps to make sure our programmes are up-to-date and relevant, and are providing graduates with the skills that are needed. UWS graduates can be found in leading positions in a range of different companies including BAE Systems, Fujitsu, Motorola, Nikon, GSK, Sellafield Ltd, and Scottish Biomedical.

Our new BSc (Hons) degree programmes in Physics with Education, Chemistry with Education, and Mathematics with Education provide you with the full core programme of their science of choice, together with training in Education, allowing you to walk straight into a career in teaching as soon as you graduate – with no additional qualifications necessary.

### Forensic Science and Criminal Justice

We are currently developing a new programme in Criminal Justice and Forensic Science for entry in September 2020. Keep an eye on our website for the latest updates.

### Life Sciences

The University also offer a range of programmes in life sciences – see pages 39-42 for more details.

### Industry insight

Our Industrial Advisory Board provides input from industry to help shape our teaching, and keep it relevant to what employers want.

### Practical experience

Many of our programmes offer industry-based projects and paid work placements, either in the UK or abroad. We often offer placements within our own research groups to give you first-hand experience of academic research.

### Research and industrial collaboration

Our staff are active in research, working in large international collaborations, and with partners in industry. Our research is clustered in several different groups including the Nuclear Physics research Group, the Institute for Thin Films, Sensors, and Imaging, and the Institute for Biomedical and Environmental Health Research (IBEHR). You will be taught by staff who are working at the forefront of their subject areas – they will be able to pass some of their expertise directly to you.

### State-of-the-art facilities

Well equipped, state-of-the-art laboratories in physics and chemistry provide opportunities for placements and research projects. The University has recently invested significantly in new laboratories for the Institute of Thin Films, Sensors and Imaging.

### Professional recognition

Most of our programmes are accredited by professional bodies, including the Institute of Physics (IOP) and the Royal Society of Chemistry (RSC), and the General Teaching Council for Scotland (GTCS).



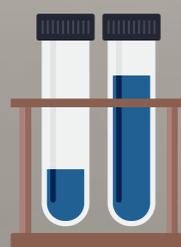
Programmes underpinned by internationally excellent/world-class research



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

### Entry requirements/advanced entry

The University's minimum entry requirements and information on our advanced entry points are stated on page 57 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.



Physics and Chemistry are top in Scotland for student satisfaction<sup>1</sup>



# Chemistry



<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code F100</b>
<b>Duration</b> BSc Hons 4 years BSc Hons (Sandwich) 5 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

## Get ready for a career in drug research, environmental analysis or forensic science with our BSc Chemistry degree.

This course will provide you with a fundamental knowledge of the subject combined with the practical skills required for a successful career in industry.

The course includes practical sessions to develop your analytical, problem-solving and numeracy skills. Small-group workshops, tutorials and presentations will improve your communication and presentation skills, making you an attractive candidate to employers.

### Course highlights

- This course provides students with a fundamental knowledge of the subject combined with the practical skills required for a successful career in industry.
- Teaching gives a balanced treatment of all the main branches of the subject progressing to more in-depth study in Honours years, with flexible study options to tailor your studies to suit your aptitudes and interests.
- The course includes practical sessions to develop your analytical, problem-solving and numeracy skills.
- A focus on small group teaching provides the opportunity to explore subjects in greater depth, giving you the edge you need for a successful career.
- This course is accredited by the Royal Society of Chemistry (RSC).

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc Chemistry  
**AL:** CDD or 88 UCAS Tariff Points including Chemistry  
**ILC:** H3H3H3H4 inc Chemistry  
**IB:** 24 points including Chemistry  
**Scottish Wider Access Programme:** Access to Medicine and Access to Science: BBB inc Chemistry

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

**96%**  
**student satisfaction – top in Scotland**

National Student Survey 2019

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

## Feature

# The cure finder

**Andrew Fraser****Programme**  
BSc (Hons) Chemistry**Current position**  
Chemist at LGC-Link

Andrew works in medicinal chemistry, researching cures for neglected diseases: he's worked on African sleeping sickness and leishmaniasis, among others. Andrew recently completed his PhD at University of St Andrews before he took up his new role with LGC-Link manufacturing reagents for DNA synthesis.

Andrew chose to study for his undergraduate degree at UWS for its flexibility, he says. He has Crohn's disease, and UWS was the only place in Scotland where he could study Chemistry part-time. Once he was sure his health could handle the workload, he switched to full-time study, and focused in on medicinal chemistry.

"The lecturers were really helpful and supportive – particularly in the final years when things were tougher. The core staff would bend over backwards to help you out. Some concepts in chemistry are difficult to get your head around, and sometimes it takes a one-to-one conversation to understand them. With small class sizes at UWS, it was always easy to talk to the lecturers – even during busy term time."

Indeed, Andrew didn't expect to do a PhD – then his supervisor recommended he apply. It was exactly the career-forming guidance he needed, says Andrew.



### Medicinal chemistry the road to cure



When looking for a cure, only 1% of research projects will make it to market



Andrew has worked on neglected diseases – which don't receive the same level of attention or high-line funding as others



Finding a cure in medicinal chemistry is about understanding the underlying chemical mechanisms of a disease, and finding a way to disrupt them

# Chemistry with Education

<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code CE10</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr and Paisley <sup>1</sup>	

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

## Prepare to teach the next generation of scientists with our BSc (Hons) Chemistry with Education degree.

This course will provide you with extensive theoretical knowledge and practical skills in chemistry. In addition, you will develop professional skills through work-based learning, ensuring you are fully equipped to meet the demands of being a teacher.

Upon successful completion of the degree, you will meet the Standard for Provisional Registration as a secondary school teacher of chemistry with science.

### Course highlights

- You will study the fundamentals of chemistry as a core science progressing to more complex, specialist topics in Honours years.
- Laboratory sessions will develop your practical and communication skills.
- In Years 3 and 4 you will also develop your teaching skills through specialist modules in education.
- Upon successful completion, you will meet the Standard for Provisional Registration as a secondary school teacher of chemistry with science, and you will be eligible to apply for Associate Membership of the Royal Society of Chemistry (AMRSC).

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc Chemistry plus Nat. 5 English and Maths  
**AL:** CDD or 88 UCAS Tariff points inc Chemistry  
**ILC:** H3H3H3H4 inc Chemistry  
**IB:** 24 points inc Chemistry  
**Scottish Wider Access Programme:** Access to Medicine and Access to Science: BBB including Chemistry

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

For entry or progression into Year 3, students must meet the following requirements: (i) English at SCQF Level 6 (e.g. Higher) (ii) Mathematics at SCQF Level 5 (e.g. National 5, Standard Grade (Grade 1 or 2), Intermediate 2. (iii) Successful interview with School of Education. (iv) Students who are offered the opportunity to progress to Year 3 of this programme must apply for and obtain membership of the Protection of Vulnerable Groups (PVG) scheme before enrolment.

Applicants are strongly advised to visit the Teaching in Scotland website [teachinscotland.scot](http://teachinscotland.scot) for full information on what is required to become a teacher in Scotland.

**NB:** successful applicants who gain a place on this programme will need to register on the Protecting Vulnerable Groups (PVG) Scheme, managed and delivered by Disclosure Scotland ([mygov.scot/organisations/disclosure-scotland](http://mygov.scot/organisations/disclosure-scotland)).

<sup>1</sup> The Chemistry modules are taught at Paisley Campus and the Education modules at Ayr Campus.

# Forensic Science

<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code F410</b>
<b>Duration</b> BSc Hons 4 years BSc Hons (Sandwich) 5 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

## Kick start your career in the criminal justice system with the BSc Forensic Science degree at UWS.

This course will prepare you to be a Forensic Scientist capable of using the latest chemical and biological techniques to analyse material gathered from crime scenes.

You will develop expertise in Crime Scene Examination and the presentation of evidence using the latest software.

### Course highlights

- This course will equip you with the skills and knowledge required of a Forensic Scientist working in the lab or at the crime scene.
- You will learn using the latest laboratory techniques to analyse materials such as drugs, trace evidence, DNA and ignitable liquids.
- You will work with simulated crime scenes to gather and interpret evidence in a realistic manner.
- Learning is consolidated through site visits, workshops, role-play and presentations.
- Upon completion of this degree, you will be eligible to apply for Associate Membership of the Royal Society of Chemistry (AMRSC).

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc Chemistry  
**AL:** CDD or 88 UCAS Tariff points inc Chemistry  
**ILC:** H3H3H3H4 inc Chemistry  
**IB:** 24 points inc Chemistry  
**Scottish Wider Access Programme:** Access to Science BBB including Chemistry or Access to Medicine 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.



**100%**  
**of graduates in work/further study 6 months after graduating**

HESA Performance Indicator 2016/17



# Mathematics with Education

<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code G11X</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr and Paisley <sup>1</sup>	

Entry requirements key			
<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

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

## Study Mathematics and prepare to teach the next generation of mathematicians with our BSc Mathematics with Education degree.

The programme will provide you with a broad and balanced understanding of key areas of Mathematics and Statistics, with options to individualise your degree in Years 1 & 3.

The study of Education is introduced in Year 3 with the opportunity to apply your knowledge in a professional setting through school experience placements in Year 4.

Graduates are eligible for provisional registration with the General Teaching Council for Scotland (GTCS) and entry to the Teacher Induction Scheme as a secondary school teacher of mathematics.

### Course highlights

- Students on this course complete a four year Honours degree in Mathematics together with the teaching qualification required to teach Mathematics in secondary schools to an advanced level.
- Degree content can be individualised with Year 3 options in Coding & Cryptography, Mechanics, Complex Analysis and Numerical Analysis.
- Use industry standard software to develop practical and communication skills.
- Taught by research-active academics who are specialists in their field.

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 88-102  
**H:** BBBC or equivalent or 102 UCAS Tariff Points inc Maths and 1 other Science subject from Biology, Human Biology, Chemistry, Computing Science, Geography, Psychology or Physics. Plus Nat 5 English  
**AL:** CCD or 88 UCAS Tariff points inc Maths plus GCSE English and 1 other Science subject from Biology, Human Biology, Chemistry, Computer Science, Geography, Psychology or Physics  
**ILC:** H3H3H3H4 inc Maths and one other science subject  
**IB:** 24 points including Maths and one other Science subject

### Scottish Wider Access Programme: Access to STEM

**SQA HNC / BTEC Level 4 HNC:** relevant subject but must SQA Higher National Unit: Engineering Mathematics 1 (H7K0 33), or equivalent

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.

For entry or progression into Year 3, students must meet the following requirements: (i) English at SCQF Level 6 (e.g. Higher) (ii) Successful interview with School of Education. (iii) Students who are offered the opportunity to progress to Year 3 of this programme must apply for and obtain membership of the Protection of Vulnerable Groups (PVG) scheme before enrolment

Applicants are strongly advised to visit the Teaching in Scotland website [teachinscotland.scot](https://teachinscotland.scot) for full information on what is required to become a teacher in Scotland.

**NB:** successful applicants who gain a place on this programme will need to register on the Protecting Vulnerable Groups (PVG) Scheme, managed and delivered by Disclosure Scotland ([mygov.scot/organisations/disclosure-scotland](https://mygov.scot/organisations/disclosure-scotland)).

<sup>1</sup> The Mathematics modules are taught at Paisley Campus and the Education modules at Ayr Campus.



# Physics

IOP Institute of Physics

<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code F300</b>
<b>Duration</b> BSc Hons 4 years BSc Hons (Sandwich) 5 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

## Satisfy your curiosity and boost your employability with our BSc degree in Physics.

You will cover all of the core concepts in physics, including mechanics, wave motion, quantum mechanics, atomic, nuclear and particle physics, electromagnetism, and thermodynamics. You will pick up laboratory skills and problem-solving experience, preparing you for a successful career in industry or research.

### Course highlights

- Our modules are good examples of research-informed teaching, delivered by staff who are carrying out research at the forefront of their fields.
- You will carry out a fourth-year project integrated within one of our research groups, and you will have opportunities for research placements throughout the degree programme.
- You will be taught in moderately-sized classes, with plenty of opportunities for interaction with teaching staff.
- Physics graduates are in demand in many different sectors – including high-technology industries, medicine, finance, research and so on. Your job prospects will be enormous.
- Our programme is accredited by the Institute of Physics – after graduation you can become a Chartered Physicist.

### Entry requirements

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

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

## Top in Scotland for Student Satisfaction

National Student Survey 2019



# Alumni

## Light work

Graeme Docherty-Walthew

Programme  
BSc (Hons) PhysicsCurrent position  
PhD / research student in Nonlinear Optics, University of St Andrews

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

### So how was the course?

"Totally brilliant," says Graeme. Small class sizes meant he had all the support he needed. "There were only a small number of us in my class, and so we got almost unlimited attention."

Towards the end of his degree he was thinking about PhD study, and his supervisors were there to help him make the correct choice for his future career. "The degree teaches you to think like a physicist," he says, "and the lecturers are excellent: you get really high quality teaching and support."

"There were only a small number of us in my class, and so we got almost unlimited attention."

### Nonlinear optics

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



## Physics with Education

<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code</b> <b>PE30</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr and Paisley <sup>1</sup>	

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

### Give yourself a ready-made career with our BSc (Hons) Physics with Education degree.

This programme contains all of the core material of the Physics programme, including quantum mechanics, electromagnetism, atomic, nuclear and particle physics, combined with material taught by our Education department. The Education material is taught in Years 3 and 4, and you will get professional experience with placements in schools throughout Year 4. You will graduate from the programme eligible for provisional registration with the General Teaching Council for Scotland (GTCS), and entry to the Teaching Induction Scheme as a secondary school teacher of physics.

#### Course highlights

- This programme combines an IOP accredited Physics degree with the training necessary to become Physics teacher. No additional qualifications are necessary after graduation.
- You will get classroom experience in three schools placements that will take place in Year 4 of the programme.
- There is a high demand for secondary-school Physics teachers in Scotland and in the rest of the UK.
- Our Physics modules are good examples of research-informed teaching, delivered by staff who are carrying out research at the forefront of their fields.
- The programme is accredited by the Institute of Physics – after graduation you can become a Chartered Physicist.

#### Entry requirements

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

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

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

For entry or progression into Year 3, students must meet the following requirements: (i) English at SCQF Level 6 (e.g. Higher) (ii) Mathematics at SCQF Level 5 (e.g. National 5, Standard Grade (Grade 1 or 2), Intermediate 2. (iii) Successful interview with School of Education. (iv) Students who are offered the opportunity to progress to Year 3 of this programme must apply for and obtain membership of the Protection of Vulnerable Groups (PVG) scheme before enrolment.

Applicants are strongly advised to visit the Teaching in Scotland website [teachinscotland.scot](https://teachinscotland.scot) for full information on what is required to become a teacher in Scotland.

<sup>1</sup> The Physics modules are taught at Paisley Campus and the Education modules at Ayr Campus.

## Physics with Nuclear Technology

IOP Institute of Physics

<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code</b> <b>F390</b>
<b>Duration</b> BSc Hons 4 years BSc Hons (Sandwich) 5 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

### Prepare yourself for a career in the nuclear industry or nuclear or particle physics research with our BSc (Hons) Physics with Nuclear Technology programme.

If you are interested in nuclear physics then this is the programme for you. This programme will cover all of the core material of the Physics programme, including wave motion, classical mechanics, quantum mechanics, electromagnetism, atomic, nuclear and particle physics, and thermodynamics, but with an emphasis on nuclear technology via several additional modules. You will graduate from the programme well equipped for a career in the nuclear sector which includes nuclear power, nuclear medicine, environmental monitoring, fundamental or industrial research, and nuclear decommissioning.

#### Course highlights

- The programme has been developed and is led by members of our Nuclear Physics Research Group. The nuclear-physics modules are delivered by staff who are carrying out research at the forefront of nuclear physics.
- You will carry out a fourth-year project integrated within the Nuclear Physics Research Group, and you will have opportunities for research placements throughout the degree programme.
- The renaissance in nuclear power has been well publicised, together with the demand for nuclear knowledgeable employees. In Scotland, significant investment will be made in the nuclear decommissioning process in the next few decades.

#### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

- Our programme is accredited by the Institute of Physics – after graduation you can become a Chartered Physicist.

#### Entry requirements

**Year 1**  
**UCAS Tariff points:** 88-102  
**H:** BBBC inc Maths & Physics, or BBBC inc Maths at B and Nat 5 Physics at B or 102 UCAS Tariff points inc 48 points in Maths & Physics  
**AL:** CCD inc Maths & Physics or 88 UCAS Tariff points inc 64 points in Maths & Physics  
**ILC:** H3H3H3H4 inc Maths & Physics  
**IB:** 24 points with 4 subjects at H4  
**Scottish Widening Access Programme:** Access to Specialised Programme BBB

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



**100%**  
**of graduates**  
**in work/further**  
**study 6 months**  
**after graduating**

HESA Performance Indicator 2016/17

# novosound: exploiting ultrasonic sensor expertise

### Ultrasound sensor technology developed in the laboratories of UWS has the potential to revolutionise industry.

Dr Dave Hughes, who was leader of the Ultrasonic Imaging team within the UWS Institute of Thin Films, Sensors and Imaging before committing his time fully to this venture, is the man behind the development of novosound's revolutionary printed sensors, a low-cost alternative to existing ultrasound probes.

- First spin-out company from UWS**
- Unique sensors attract major investors**
- Market worth £2.6bn a year**

#### World-leading technology

Not only are the printed sensors cost-effective to produce, they can operate at extremely high temperatures, and provide MRI-quality images for a fraction of the existing price.

Dr Hughes says: "When I arrived at UWS, the research was still in a very early state. My team made significant changes to the core materials science and thus made it commercially viable. What we have now, are easy to mass-manufacture ultrasound sensors that work with existing technology. They are, if you like, 'plug and play'."

#### Going to market

novosound, the spin-out company launched to develop and market the sensor technology, has already attracted investment of over £1.5 million, opened its first office, and now hopes to double its workforce.

Dr Hughes says: "This is a brand-new technology, and customers seem excited by the monitoring improvements and cost savings it will bring."

#### Many applications

In the oil and gas industry, novosound's 'fit-and-forget' sensors can be fixed along a pipeline to detect potential cracks and faults before they become critical.

The sensors, which can operate at temperatures above 250°C, can also play a crucial role in nuclear power stations and petrochemical refineries. They offer real time infrastructure monitoring without the need for expensive plant shut-downs – leading to multi-million-dollar cost-savings for operators.

Dr Hughes adds: "Due to the easy mass-manufacturing of our sensors, operators can afford to install more, meaning fuller and more accurate monitoring."

"Ultrasound has been the standard sensor technology for so long that there is a certain inertia in the market. Technology hasn't really changed for 40 years... when people see what our sensors can do, they become excited."

#### Big business

Globally, this non-destructive testing market is worth £2.6 billion a year, and novosound wants a share of that.

"These sensors are a truly disruptive technology," says Dr Hughes, who is already finding customers for the technology in the United States, and the UK North Sea oil and gas sector. He adds: "Things have moved really fast for us. We only closed our first investment round in April 2018, and already we are picking up customers, both here and in America."

#### Global outlook

As part of novosound's global marketing campaign, Dr Hughes joined five other Scottish hi-tech firms at a Scottish Enterprise-backed 'Accelerator Silicon Valley' event in California's Silicon Valley.

Dr Hughes says: "It was great to see how Scottish tech entrepreneurs can hold their own against the best that America has to offer."

"It was also interesting to meet and visit some of the world's tech giants, including a visit to Google's Mountain View HQ."

#### Winning over the word

As with any technological leap forward, novosound technology is having to prove itself, both in the lab, and in the field.

Dr Hughes says: "Ultrasound has been the standard sensor technology for so long that there is a certain inertia in the market. The basic sensor technology hasn't really changed for 40 years.

"When people see what our sensors can do, they become excited. Both investors and end users see that this could become a very successful business.

"Over the coming months and years, I want to bring in new customers, scale up production, grow the business, and find new applications for our sensors.



**novosound was the winner of Scotland's Converge Challenge 2017; and shortlisted in the Times Higher Education Leadership and Management Awards 2018**





# Social Sciences



**95% graduates<sup>1</sup> in work/  
further study 6 months  
after graduating<sup>2</sup>**

## Section contents

Criminal Justice/  
Criminal Justice (Policing)

Psychology

Social Sciences

Social Work

Our programmes, hosted within our School of Education and Social Sciences, represent a wide range of the key social science areas. Our research-led teaching blends high-quality discipline knowledge with applied professional expertise.

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

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

### Links with employers

We have close working relationships with an extensive range of employers and professional bodies in the social and healthcare sectors, local and central government, education, and the private and not-for-profit (third) sectors.

### Professional recognition

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

### Research excellence

Research carried out by our staff underpins all of our teaching activity, which means you'll directly benefit from our extensive expertise in a variety of fascinating, relevant areas. Our research outputs span academic publications and a range of contributions to official reports.

### 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.

**REF2014**  
Research Excellence Framework

Programmes underpinned by internationally excellent/world-class research

**OXFAM**

Working with international organisation Oxfam to fight poverty and inequality

**50  
YEARS**

We have over 50 years' experience of delivering social science education in the west of Scotland

**Entry requirements/  
advanced entry**

The University's minimum entry requirements and information on our advanced entry points are stated on page 57 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

# Criminal Justice/ Criminal Justice (Policing)

<b>School</b> Education and Social Sciences	<b>UCAS Code</b> <b>M211</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley <sup>1</sup>	

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

### Get ready for a career in the criminal justice system with our BA Criminal Justice degree.

This is the only degree of its kind in Scotland and will prepare you for a variety of roles in the sector including policing, prisons, third sector work with offenders or victims of crime, and more.

With criminal justice work requiring a knowledge of both general social science and specific criminological theory, you will develop expertise of both areas, as well as in areas of research & inquiry, and law & policy. After your second year, you will have the option to continue with the general criminal justice degree or specialising in policing through our policing pathway options.

This course focuses not only on Scotland, but also the wider UK, Europe and around the globe, covering areas such as comparative justice, and transnational crime and policing, preparing you for international employment opportunities.

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 104-108  
**H:** BBBB or ABBC, or equivalent, or 108 UCAS Tariff point  
**AL:** BCC or 104 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 27 points  
**SQA HNC:** Social Sciences; Social Studies; Legal 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.

<sup>1</sup> Students joining in Year 3 will study at our new Lanarkshire Campus.

### Course highlights

- Our BA Criminal Justice degree is the only one of its kind in Scotland.
- You will be equipped to be employed in a variety of roles across the criminal justice system.
- You may specialise in policing after your second year of study.
- There is a Crime and Justice Student Society that you may join with a number of activities linked to the course.
- Guest speakers and field visits are a part of this course. In the past these have been from Police Scotland, the Scottish Prison Service, Victim Support Scotland and others.
- The course contains options for international study including both credit bearing ERASMUS study abroad and study trips to partner institutions in USA.

**98%**  
of graduates in work/  
further study 6 months  
after graduating

HESA Performance Indicator 2016/17

**93%**  
student satisfaction

National Student Survey 2019

# Psychology



<b>School</b> Education and Social Sciences	<b>UCAS Code</b> <b>C800</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

### Get ready for a career as a Chartered Psychologist with the BSc Psychology degree at UWS.

You will study the human mind and associated behaviour, and be able to apply this knowledge to real-world settings and problems. You will also develop key skills in the collection, analysis and interpretation of data. These, in turn, will contribute to an understanding of the research and investigation process.

The BSc Psychology degree is accredited by the BPS and provides the basis for Graduate Registration.

### Course highlights

- This degree will prepare you for a career as a Chartered Psychologist.
- You will study the human mind and associated behaviour, and be able to apply this knowledge to real-world settings and problems.
- You will also develop key skills in the collection, analysis and interpretation of data, gaining an understanding of the research and investigation process.
- You will gain a range of additional skills that employers value such as communication, numeracy, teamwork, computing, critical thinking and working independently.
- The BSc Psychology degree is accredited by the BPS and provides the basis for Graduate Registration.

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 104-108  
**H:** BBBB or ABBC, or equivalent, or 108 UCAS Tariff points  
**AL:** BCC or 104 UCAS Tariff points  
**ILC:** H3H3H3H3  
**IB:** 27 points  
**SQA HNC:** Science; Social Sciences; Social Studies; Social Care; Social Services; Counselling; Care and Administrative Practice; Coaching and Developing Sport; Early Education and Childcare; Childhood Practice  
**Scottish Widening Access Programme:** Profile of BBB: Access to Humanities plus Higher English or equivalent. Access to Social Science Access to Life Science plus Higher English or equivalent. Access to Primary Education with B level performance Access to Medical Studies Access Dietics, as long as it includes some numeracy and biology.

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

**100%**  
of graduates  
in work/further  
study 6 months  
after graduating



HESA Performance Indicator 2016/17

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

# Alumni

## The road to achievement

Sharon McGregor

Programme  
Psychology

Current position  
Owner, McGregor Achievement Coaching



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

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

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

Sharon says her degree and experiences at UWS helped to build the foundations for coaching, and to increase her understanding about what motivates people.

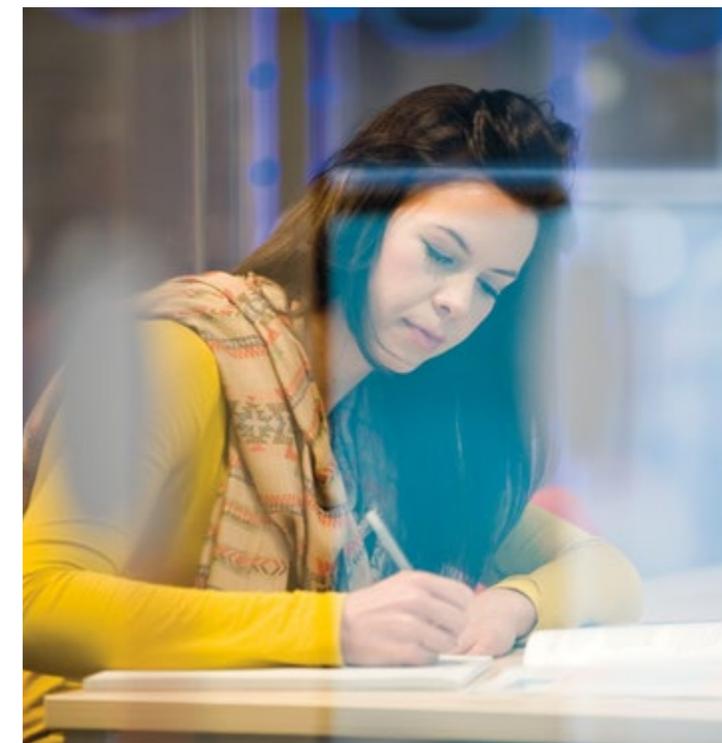
After graduating she was offered a PhD at another university, but chose to complete a diploma in coaching to give her more relevant knowledge and experience working with people and helping improve their lives. Has all that learning been worthwhile? Sharon reckons it has, and thinks her time at UWS has been instrumental in helping her achieve what she has today.

She says, "Without my degree from UWS, the experiences I gained working with the University and the NHS after I graduated, and the connections I've made through these activities, my career wouldn't have developed in the way it has."

### What does a personal and professional coach do?

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

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



# Social Sciences

**School**  
Education and Social Sciences

**Duration**  
BA Hons 4 years

**UCAS Code**  
L300

**Campus**  
BA (Hons) Social Sciences:  
Lanarkshire, Paisley;  
Sociology pathway: Lanarkshire  
Politics & Policy pathway: Paisley  
Sociology & Policy pathway: Paisley

**Entry requirements key**

<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

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

**Explore the interdisciplinary world of social science with our new BA Social Sciences degree.**

You will gain a broad base of social science skills in the first two years, after which, you can choose to follow one of three specialist pathways – Politics and Policy, Sociology, or Sociology and Policy.

You will be encouraged to critically engage in the research process with a focus on inquiry-based learning and will develop a wide range of transferable skills valued by employers.

**Course highlights**

- You will be introduced to a range of social science disciplines, refining your own preferred topics of inquiry and analysing social, political and policy challenges of your own selection, using different media.
- You will develop abilities as a flexible and effective problem-solver, investigating contemporary social issues in different neighbourhood, city, national and international contexts.
- You will develop knowledge and understanding of social science using different theoretical lenses, informed by cutting-edge research-led learning and practice.
- To provide you with greater flexibility in learning you will have the opportunity to undertake modules offered on multiple campuses (Paisley and Lanarkshire).

**Entry requirements**

**Year 1**  
**UCAS Tariff points:** 96-102  
**H:** BBBB, or equivalent, or 102 UCAS Tariff points  
**AL:** CCC or 96 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 24 points with 3 subjects at HL

Direct entry to Year 2 with an HNC Social Science/ Social Studies, (Advanced Highers possible), 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.

## Alumni

**Angela McNay**

**Programme**  
Social Science

**Current position**  
Owner at Unity Grill, Ayr



**Social Science graduate Angela McNay is helping to combat food poverty in her hometown of Ayr.**

Angela rolled up her sleeves to launch the Unity Grill, a restaurant that allows those suffering food poverty to eat and meet without having to worry about the bill. Those who can't afford to pay can cover the cost by volunteering their time at the restaurant. All the profits will be used to combat food poverty.

**Rising to the challenge**

The restaurant, which grew from an idea Angela had while studying the effects of food poverty in the UK and abroad as part of her UWS course, opened its doors in April 2018, and has already proved a big hit with locals.

Keen baker Angela says: "Not even the waiting staff know who pays and who doesn't. We wanted to make it very discrete. The great thing is, so many of the people who come through our doors have a range of skills to offer.

"I'd sooner be baking than doing the books, so we have volunteers who can help with the filing, invoicing and all the other back office tasks that diners don't see."

**Sharing solutions**

"Food poverty is a real and often hidden problem," says Angela. "People are embarrassed to admit they're struggling to feed themselves and their families.

"After I had the idea for the restaurant, I wasn't sure what to do, but was helped, both financially and in terms of training, by the Bank of Scotland's School for Social Entrepreneurs."

**Community backing**

Angela isn't alone in her crusade. Once the local community found out what she was doing, they rallied around to make sure the restaurant opened on time. Angela adds: "Hopefully, the model we have created here in Ayr can succeed in other communities across the UK.

# Social Work



**School**  
Education and Social Sciences

**Duration**  
BA Hons 4 years

**Campus**  
Dumfries, Paisley

**UCAS Code**  
L500

**Contact**  
Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk

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

**Begin your journey towards qualifying as a practising social worker with the BA Social Work degree at UWS.**

You will explore the nature of social work, and discrimination and disadvantage. Teaching covers a wide range of topics including social policy, social work law and social work with children and families.

Practice learning experiences are a key feature of the course, allowing you to apply both classroom-based learning and your own enquiry-based learning in a real-world setting.

**Course highlights**

- This degree has been designed in collaboration with employers and service users to provide you with the knowledge and practical experience to qualify as a practising social worker.
- Teaching covers a wide range of topics including social policy, social work law and social work with children and families.
- An individualised and research-driven approach to learning allows you to develop your own areas of interest throughout the course.
- Practice learning experiences are a key feature of the course, allowing you to apply both classroom-based learning and your own enquiry-based learning in a real-world setting.
- This programme meets the requirements of the Scottish Government and has been approved by the Scottish Social Services Council.

**Entry requirements**

**Year 1**  
**UCAS Tariff points:** 96-108  
**H:** BBBB, or equivalent, or 108 UCAS Tariff points plus English & Maths at SG (1-2) /Nat 5/Int 2  
**AL:** CCC or 96 UCAS Tariff points plus GCSE English and Maths (Grade C or above)  
**ILC:** H3H3H3H3 plus O English and Maths  
**IB:** 24 points with 3 subjects 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)  
**Scottish Widening Access Programme:** Profile of ABB. Access to Humanities with Higher English or equivalent or Comm4 and Literature1. Access to Primary Education

The SSSC require all applicants to demonstrate that they have literacy and numeracy skills equivalent to the Scottish National 5 (previously Standard Grade 2) in English and Mathematics.

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

Offers will only be made following a satisfactory interview.

Early application for this programme is advisable.





# Sport



**Top in Scotland for student satisfaction in Sport & Exercise Science<sup>1</sup>**

## Section contents

- Sport Coaching
- Sports Coaching & Development
- Sport Development
- Sport & Exercise Science

**We have developed a reputation for excellence in sport at UWS. Our growing portfolio of programmes integrate biological and behavioural approaches to enhance human health and performance.**

**Our programmes are developed with the professions, and include 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

Our Clinical Exercise and Health Science research provides the underpinning science for our taught programmes. Newly developed facilities at the new 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, environmental laboratory, exercise biochemistry laboratory, cardiology laboratory, biomechanics laboratory and physiotherapy suite. Learning areas also encompass computer suites and a gym.

Elements of our Lanarkshire Campus programmes are delivered from the Emirates Arena, a world-class sports facility that plays host to a number of major international sporting events. Students will undertake practical sessions at the athletics track, the indoor arena, the Sir Chris Hoy Velodrome, and in well-equipped strength and conditioning facilities.

### 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.

### Research with real-world impact

Our Clinical Exercise and Health Science researchers are working on diverse topics and in collaboration with a global network including partners in Brazil, China, Australia and the US.

Recent work has included:

- Research into dietary advice which has challenged current thinking and emphasised the need for people to consume more natural fats.
- Research on the mechanism by which exercise improves function for people with MS.
- A project with South Lanarkshire Council, NHS Lanarkshire and University of Glasgow looking at ways to improve the health and wellbeing of Scotland's children through physical education.
- Research revealing the benefits of beetroot juice in boosting athletic performance at altitude.

### 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, Scottish Cycling and the Welsh Rugby Union. You'll be taught by staff with a wealth of knowledge across a range of disciplines. We work with a wide variety of partners including South Lanarkshire Leisure and Culture, Glasgow School of Sport and PFA Scotland and have links with most Scottish sports governing bodies and organisations such as sportscotland, BASES, and UK Sport.

We also have links with FC Barcelona and many of our 3rd and 4th year students have the opportunity to visit FC Barcelona's training ground to understand more about the club's training and playing methodologies.

### 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 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.



**Programmes underpinned by internationally excellent/world-class research**



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

### Entry requirements/advanced entry

The University's minimum entry requirements and information on our advanced entry points are stated on page 57 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

## Sport Coaching

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>CX6C</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire	

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

### Develop the skills and expertise to become a professional sports coach with the BSc Sports Coaching degree at UWS.

This degree has been developed in partnership with sports governing bodies (SGBs), sporting organisations and individual coaches to ensure that you develop knowledge and hands-on practical experience relevant to the modern sports, health and fitness industries.

Excellent industry connections provide work-based learning opportunities and offer links to attain coaching qualifications.

#### Course highlights

- This degree will ensure that you develop the knowledge, skills and hands-on practical experience to become a professional coach.
- There is a strong emphasis on placement learning and developing the practical skills relevant to the modern sports, health and fitness industries.
- Teaching staff are committed to providing a supportive learning environment and a flexible approach to study.
- This course is offered at our new, state-of-the-art Lanarkshire Campus with elements also delivered at the Emirates Arena, a world-class sports facility that is home to sportscotland and Scottish Cycling, and which was built for the 2014 Commonwealth Games in Glasgow.

#### Entry requirements

**Year 1**  
**UCAS Tariff points:** 96-108  
**H:** ABBC or BBBB or AACC, or equivalent, or 108 UCAS Tariff points inc English, PE & 1 science<sup>1</sup>  
**AL:** CCC or 96 UCAS Tariff points inc English, PE & 1 science<sup>1</sup>  
**ILC:** H2H3H3H4 or H3H3H3H4 or H2H2H4H4 inc English, PE & 1 science<sup>1</sup>  
**IB:** 27 points including English, PE and a Science at H4  
**SQA HNC / BTEC Level 4 HNC:** Sports Coaching with Sport Development; Fitness, Health and Exercise; Sport and Recreation Management (for SQA awards with Grade B in the Graded Unit)  
**Scottish Widening Access Programme:** Access to STEM BBB, Access to Humanities 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.

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

<sup>1</sup> Science subjects: Geography, Maths, Biology, Human Biology, Chemistry, Physics, Psychology, Sociology, Modern Studies.

#### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level



### Staff profile

## The inside track

**Dr Hayley McEwan**

**Lecturer in the School of Health & Life Sciences**

**Students studying on our Sport programmes learn from the best - with many lecturers being active, or former, athletes who know their discipline inside out.**

**Going the distance**  
Sports psychologist, and former Team GB triathlete, Dr Hayley McEwan, who has competed at European level, brings true track experience into the classroom.

Hayley says: "Having that real-world insight allows me to bring my own experience into my teaching practice. It helps bring theory alive for students in the classroom as I have the perspective as an athlete, researcher and practitioner."

#### The top team

Other experts on the academic team include Dr Ray Bobrownicki, a 2014 Team Scotland Commonwealth Games high-jumper, and Mark McKenna, who was the performance analyst for the Scottish netball team at the 2018 Gold Coast Commonwealth Games.

Hayley says: "Mark's on-site input was invaluable to the team and their coaches. He provided real-time, play-by-play video analysis and feedback during every match, showing where improvements could be made, and plays better executed."

#### Opening doors

Having these sporting and professional contacts on campus also pays off for students, who enjoy regular talks and masterclasses from a range of professional sports people and top team coaches.

This networking and information exchange is a two-way street where UWS sports academics and students take their knowledge into top flight sporting organisations, including football clubs, to help individuals and teams optimise training and performance, improve recovery times and increase their chances in competition.

#### Join the squad

Hayley says: "UWS can open doors for students to clubs and athletes. Often, they might go to a club on a placement, or to carry out a specific research project, and end up with a full-time position.

"Clubs, individuals and national sporting organisations are eager to access, participate in and apply the cutting-edge sports research being carried out by our staff and students."

## Sports Coaching & Development

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>CC66</b>
<b>Duration</b> BA Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Ayr	

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

### Prepare for employment in the sports coaching and development industries with the BA Sports Coaching & Development at UWS.

This is the only degree of its kind in Scotland and has been developed in consultation with sports industry partners to provide the knowledge and skills sought after by employers.

The practical nature of the course leaves you well equipped to work in the promotion and development of sports, or in the teaching and coaching of sport.

#### Course highlights

- The BA (Hons) Sports Coaching & Development is the only degree of its kind in Scotland.
- It will equip you with the knowledge and skills for employment in the sports coaching and development industries.
- The course has been developed in consultation with national sport organisations, governing bodies, sports industry personnel and expert coaches to provide the knowledge and skills sought after by employers.
- Placement learning is a key feature of this course to develop practical skills relevant to the modern sports coaching and development industries.
- Teaching staff are committed to providing a supportive learning environment and a flexible approach to study.

#### Entry requirements

**Year 1**  
**UCAS Tariff points:** 80-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points  
**AL:** CDD or 80 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 27 points with 3 subjects at H4  
**SQA HNC / BTEC Level 4 HNC:** Coaching and Developing Sport or other relevant title; Sports Coaching with Sport Development; Fitness, Health and Exercise; Sport and Recreation Management  
**Scottish Widening Access Programme:** Access to STEM BBB

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND with a minimum of 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.

Direct entry applicants may be invited for interview.

**NB:** students are expected to purchase UWS sports kit for placement/practical activities – see our website for more info on costs etc. Students will be required to pay a contribution if they choose the 4th year field course module.

Students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see [scotland.gov.uk](https://scotland.gov.uk)



### Feature

## All eyes on Glasgow

The eyes of the sports science world will be on Glasgow in July 2021 as UWS welcomes delegates to the 26th congress of the European College of Sports Science, which is being held in the city, thanks to a successful bid by UWS and Glasgow Convention Bureau along with supporting partners.

**Success breeds success**  
This will be the first time the prestigious event has been staged in Scotland, and congress President Richard Davison, Professor of Exercise Physiology at UWS, is aiming to create a world-class event, with a distinctly Scottish flavour.

**Scotland in the spotlight**  
Richard, whose own research interests lie in cycling science and the use of exercise as medicine for the general public and clinical populations, is already planning a full programme for delegates; one which he hopes will show off Scotland and Scottish sports science on the world stage.

He says: "We are expecting over 3,000 attendees at the event, which will be held at Glasgow's Scottish Exhibition Campus (SEC). It's our chance to showcase Scotland and Scottish talent."

**Public health benefits**  
With so many overseas delegates heading for Glasgow, Richard hopes to partner up with a variety of local and national sporting associations and health promotion agencies to illustrate how Scottish sports science research is filtering through to professional and amateur sportsmen and women and the wider public in promoting exercise as medicine.

He says: "We want the congress, and the research presented, to engage with the world outside the conference. A lot of the unique sports science research carried out at UWS provides wider public health benefits and can inform local and national policy making."

**Sport to the fore**  
With the event falling the week before the 150th Open Championship, at St Andrews, Richard is seeking to work with golf's governing body, the R&A, to help highlight Scotland as the home of golf, and the ways in which sports science can help amateur and professional players of the game.

He says: "Scotland has world class sporting facilities, is producing world-class sports research, and I am really looking forward to showcasing this to our visitors."



# Sport Development

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>C600</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire	

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

## Learn how to help people lead healthy, active lifestyles with the BSc Sports Development degree at UWS.

The course covers everything from helping organisations to target and attract new participants to identifying new revenue streams and developing stronger links with the local community.

### Course highlights

- This degree has been designed to develop your knowledge and skills to help more individuals lead healthy, active lifestyles.
- You will gain a broad understanding of the principles and application of sports development.
- In Honours years, you will have the opportunity to tailor your learning to align with your interests and career goals.
- Placement learning is a key feature of this course to prepare you for the modern sports development industry.
- This course is offered at our new, state-of-the-art Lanarkshire Campus with elements also delivered at the Emirates Arena, a world-class sports facility that is home to sportscotland and Scottish Cycling, and which was built for the 2014 Commonwealth Games in Glasgow.

**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)

**97%**  
of graduates in work/  
further study 6 months  
after graduating

HESA Performance Indicator 2016/17

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 96-108  
**H:** ABBC or BBBB or AACC, or equivalent, or 108 UCAS Tariff points inc English & PE  
**AL:** CCC or 96 UCAS Tariff points inc English & PE  
**ILC:** H2H3H3H4 or H3H3H3H3 or H2H2H4H4 inc English & PE  
**IB:** 27 points with 3 subjects at H4 including English and PE  
**SQA HNC / BTEC Level 4 HNC:** Sport Coaching with Sport Development; Fitness, Health and Exercise; Sport and Recreation Management (for SQA awards with Grade B in the Graded Unit)

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

Academic reference, personal experience in a sporting environment and a high written standard of personal statement will be considered. Mature applicants may be considered on an individual basis, with relevant experience and a strong personal statement.

Applicants may be invited for interview.

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

## Feature

# FC Barcelona

### When UWS Sport Coaching and Sport Development students want to learn from the best, they go straight to the top.

So, to get an insight into the training methods, injury rehabilitation techniques, and sports medicine in use at a top-flight football club, they visited the biggest club in the world, Spain's FC Barcelona.

- Students visit FC Barcelona
- UWS signs Memorandum of Understanding with La Liga club
- Meet backroom team at Camp Nou

### Top team

The trip was organised and facilitated by UWS Professor Vish Unnithan, a specialist in paediatric exercise physiology. It saw eight lucky BSc (Hons) Sport Coaching and BSc (Hons) Sport Development students enjoy privileged 'backstage' access to explore Barca's unique training philosophy and facilities.

Professor Vish Unnithan, a lifelong Liverpool fan, has enjoyed a 12-year relationship with the La Liga team, meaning he had the contacts at the Camp Nou to ensure UWS students got a truly unique insight into the club. UWS has since signed a Memorandum of Understanding with FC Barcelona, to ensure that future students can enjoy the same privileged access.

### Personal introduction

Vish says: "I've worked with a number of top flight teams in England over the last 10 years, looking at how cardio training can affect and change the human heart. FC Barcelona read about my research and approached me to see how I could help them."

During the four-day visit, UWS students got to meet and question Dr Antonio Gomes, FC Barcelona's first-team sports scientist. They also met Dr Franck Drobnic, Sports Medicine Doctor at the club, and had a tour around the Nou Camp stadium's extensive medical facilities.

### Unique insights

Vish adds: "Seeing how a major team operates – and the role that sports medicine plays – gives UWS students unique insights. The knowledge that they gained during their time at the club will be hugely beneficial to their future learning."



# Sport & Exercise Science

<b>School</b> Health & Life Sciences	<b>UCAS Code</b> <b>C602</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire	

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

## Prepare to help athletes perform at the highest levels with the BSc Sport & Exercise Science degree at UWS.

This course focuses on the science behind high-performance sport, underpinned by the application of chemistry, biology and physics. The teaching on the programme is research-led and promotes both health and performance elements of sport and exercise science.

You will gain knowledge, skills and expertise in all aspects of sports performance. Lab-based and practical tuition and assessments are a key feature of the course and will develop your practical skills alongside your sport and exercise knowledge.

### Course highlights

- This degree focuses on the science behind high-performance sports, underpinned by the application of chemistry, biology and physics.
- You will develop knowledge, skills and expertise in the three main aspects of sports performance – biomechanics, physiology and sports psychology.
- All students will be encouraged to utilise our newly equipped laboratories. These include labs in Human Health and Performance, Cardiovascular Imaging, Sport and Exercise Science, Extreme Environments, Exercise and Health Biochemistry, Sport Physiotherapy and Rehabilitation and Biomechanics.

Teaching staff are committed to providing a supportive learning environment and a flexible approach to study.

- This course is offered at our new, state-of-the-art Lanarkshire Campus with elements also delivered at the Emirates Arena, a world-class sports facility that is home to sportscotland and Scottish Cycling, and which was built for the 2014 Commonwealth Games in Glasgow.

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 96-108  
**H:** ABBC or BBBB or AACC, or equivalent, or 108 UCAS Tariff points inc 1 science<sup>1</sup> (Biology preferred)  
**AL:** 96 UCAS Tariff points CCC including 1 Science (Biology preferred)  
**ILC:** H2H3H3H4 or H3H3H3H3 or H2H2H4H4 inc 1 science<sup>1</sup>  
**IB:** 27 points with 3 subjects at H4 including 1 science (Biology preferred)  
**Scottish Wider Access Programme:** Access to STEM BBB (Biology preferred)

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

Academic reference, personal experience in a sporting environment and a high written standard of personal statement will be considered. Mature applicants may be considered on an individual basis, with relevant experience and a strong personal statement.

**100%**  
student satisfaction –  
top in UK

National Student Survey 2019

**NB:** students will be required to join Disclosure Scotland's Protecting Vulnerable Groups (PVG) Scheme – see [scotland.gov.uk](http://scotland.gov.uk)

<sup>1</sup> Science subjects: Maths, Biology, Human Biology, Chemistry, Physics, Psychology.

## Feature

# Bright SPARCs

### The Sport Performance and Rehabilitation Centre (SPARC) team at the Lanarkshire Campus have a wealth of experience in providing sport science support, health-related assessment and rehabilitation to clients of all abilities; ranging from members of the general public to elite and world class athletes.

SPARC houses an interdisciplinary team of practitioners and therapists from various disciplines, including biomechanics, performance psychology, exercise physiology, physiotherapy and strength and conditioning. Through an integrated approach, our team aim to improve our clients' sporting performance and assist in achieving personal health, performance or rehabilitation goals.

In addition, SPARC aims to enhance the student experience. We work closely with the UWS Sports Scholarship Scheme, supporting UWS students who have the potential to be at the top of their sport. SPARC also directly supports our Sport & Exercise Science students by creating opportunities to gain valuable applied experience throughout their degree.

Recent high-level investment directed towards the new Lanarkshire Campus will create world-class facilities which can be accessed by sportspeople and the local community alike.

These state-of-the-art facilities include designated physiotherapy clinics, biomechanics and physiology laboratories, altitude and temperature chambers, and a strength and conditioning suite.

### The SPARC Team

Highly-qualified practitioners and therapists

### But it's not just physical

World-class research into performance psychology, motivation and mental strategies

"We can offer athletes access to the most hi-tech and advanced monitoring, training and treatment equipment and techniques."





# Technology & Computing



**No 1 in Scotland for student satisfaction in Information Systems<sup>1</sup>**

## Section contents

- Business Technology
- Computer Animation Arts
- Computer Games Development
- Computer Networking
- Computing Science
- Cyber Security
- Music Technology
- Web & Mobile Development

**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. Study abroad opportunities are also available on many of our programmes.

### Professional recognition

Many of our programmes are, at the time of print, accredited by the British Computer Society – see programme entries for more details. Music Technology also has accreditation from JAMES (Joint Audio Media Education Support).

### Cutting-edge facilities

Our generalist and specialist lab facilities include:

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

### Research and industrial collaboration

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

### Graduate Apprenticeships (GAs)

We are delighted to be working with Skills Development Scotland (SDS) and with industry in partnership with employers to deliver a suite of GA programmes.

**"The GA is great - being able to work full-time gaining work experience while getting a graduate level education is the best of both worlds."**

**Nicole Strain**  
4th year GA student in IT Software Development, and Data Analyst at Mail Marketing Scotland Ltd

To find out more about the GA programmes visit [uws.ac.uk/GAs](https://uws.ac.uk/GAs)



**Programmes underpinned by internationally excellent/world-class research**



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



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

### Entry requirements/advanced entry

The University's minimum entry requirements and information on our advanced entry points are stated on page 57 – detailed entry requirements for each year of individual programmes are available on the course pages on our website.

## Business Technology



<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code</b> <b>G290</b>
<b>Duration</b> BSc Hons 4 years BSc Hons (Sandwich) 5 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

### Get ready to manage and improve modern business technology with our BSc Business Technology degree.

You will learn about the fundamentals of business operations and technology, and progress to the in-depth study of systems analysis, project management, and recent advancements in business intelligence and information security management.

#### Course highlights

- This course is designed to meet the needs of industry, focusing on the knowledge and skills demanded by modern employers.
- You will gain a thorough understanding of business technology from the fundamentals through to the in-depth study of specialist subjects such as systems analysis and information security management.
- Students regularly work with industry employers as part of the course to enhance their skills and employability.
- This degree is accredited by the British Computer Society as fully meeting the educational requirements for Chartered IT Professional registration.
- This course leads to a Chartered IT Professional registration, following a year of postgraduate study.

#### Entry requirements

**Year 1**  
**UCAS Tariff points:** 88-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points  
**AL:** CCD or 88 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 24 points with 4 subjects at H4  
**SQA HNC / BTEC Level 4 HNC:** Administration and IT; Business  
**Scottish Widening Access Programme:** Access to STEM (BBB)

Direct entry to Year 2 (with an HNC with an A in the Graded Unit) and Year 3 (with an HND with a B in the Graded Unit) may be possible<sup>1</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> Certain HNDs may only provide entry to Year 2.

#### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC</b> IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b> INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

## Alumni

### The biztech superstar

**Ashley Forrester**  
**Programme**  
BSc (Hons) Business Technology  
**Current position**  
Business Analyst

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

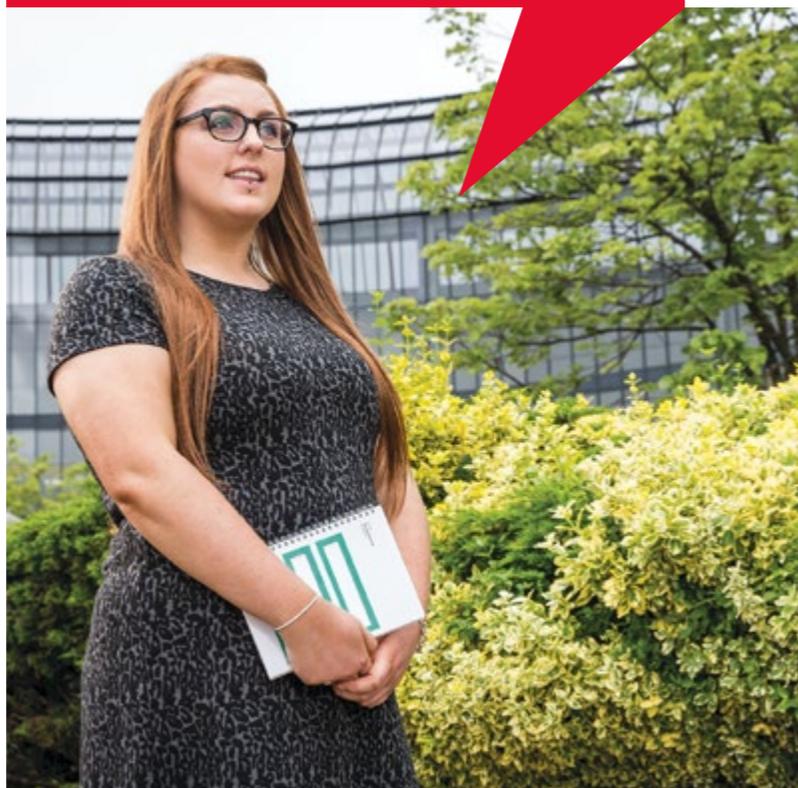
On graduating with a first-class Honours degree in 2017, she began her first job with Hewlett Packard Enterprise (HPE). She's already pushing herself into new challenges by becoming part of the leadership team at the company's women's network.

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

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

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

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



## Computer Animation Arts

<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code</b> <b>GW48</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

### Develop your technical and artistic abilities with our BSc Computer Animation Arts degree.

This course fuses traditional skills with cutting-edge technology, and covers all elements of the animation production pipeline.

#### Course highlights

- This course combines traditional and digital animation techniques, and covers all elements of the animation production pipeline.
- You will learn the skills to work in a wide range of areas within the computer animation industry, including animation, 3D modelling, visual effects, visualisation, and computer games.
- This is a practical and mainly project-based course, throughout which you will produce a range of digital outputs.
- Flexible study options allow you to tailor your studies to align with your interests and career goals.

#### Entry requirements

**Year 1**  
**UCAS Tariff points:** 88-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points preferably inc Art & Design, Graphic Communication or Photography  
**AL:** CCD or 88 UCAS Tariff points preferably inc Art & Design, Photography or Graphic Communication  
**ILC:** H3H3H3H4 inc Art & Design or Photography  
**IB:** 24 points including Art qualification  
**Scottish Widening Access Programme:** Access to STEM BBB

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. Appropriate Advanced Higher and A-Level qualifications and equivalents may also give entry beyond Year 1 of related UWS courses. For specific grades and subjects see website listed above.



## Computer Games Development

<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code</b> <b>G610</b>
<b>Duration</b> BSc Hons 4 years BSc Hons (Sandwich) 5 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

### Build an exciting career as a games developer with the BSc Computer Games Development at UWS.

You will develop your skills in game programming and game engine scripting for multiple platforms, supported by dedicated games studios and interaction with animation artists. This is a practical, career-focused degree that encourages you to publish games and demonstrate your work to employers at our end-of-year Digital Futures event.

#### Entry requirements

**Year 1**  
**UCAS Tariff points:** 88-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points  
**AL:** CCD or 88 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 24 points  
**SQA HNC / BTEC Level 4 HNC:** Computer Technology; Computing; Computing: Software Development; or relevant discipline  
**Scottish Widening Access Programme:** Access to STEM BBB

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.

Direct entry to Year 3 (with an HND) may be possible with grade B or above in integrated unit required.

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

#### Course highlights

- Students on this course develop a broad range of skills in game programming and game engine scripting for multiple platforms, supported by dedicated games studios and interaction with animation artists.
- With a strong career focus, this degree will help you build a portfolio to showcase to employers at our end-of-year Digital Futures event.
- Guest speakers provide students with insights about working in this sector.
- Regular game jams are organised throughout the course, providing opportunities to build your portfolio.
- The course is accredited by the British Computer Society, fully meeting the educational requirements for Chartered IT Professional registration.



**94%**  
**of graduates in work/further study 6 months after graduating**  
HESA Performance Indicator 2016/17



# Computer Networking



<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code</b> <b>H601</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley	

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

## Learn specialist skills for the network and IT infrastructure industries with our BSc Computer Networking degree.

You will study the operation of networking hardware and software, covering the curriculum of the CCENT and CCNA professional certifications. You will move on to exploring Windows and Unix/Linux system administration, data security and network management.

Highly skilled course graduates work for leading companies in a wide variety of roles mainly relating to network infrastructure management.

### Course highlights

- This course will equip you with the skills to specialise in the networking and IT infrastructure industries.
- The course covers a wide range of subjects from web authoring and the operation of computing hardware and software through to specialist studies in wireless networks and cybersecurity.
- You will gain the knowledge required for the Cisco Certified Networking Associate (CCNA).
- This course is currently accredited by the British Computer Society.

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 88-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points  
**AL:** CCD or 88 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 24 points  
**Scottish Widening Access Programme:** Access to STEM BBB

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

**92%**  
**student satisfaction – top in Scotland**

National Student Survey 2019

### Entry requirements key

<b>H</b>	SQA Higher Grade	<b>ILC IRISH LEAVING CERTIFICATE</b>
<b>AH</b>	Advanced Higher	<b>H</b> Higher Level
<b>SG</b>	Standard Grade	<b>O</b> Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB INTERNATIONAL BACCALAUREATE DIPLOMA</b>
<b>Nat5</b>	National 5	<b>H</b> Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b> Standard Level

# Computing Science



<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code</b> <b>G401</b>
<b>Duration</b> BSc Hons 4 years BSc Hons (Sandwich) 5 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Dumfries <sup>1</sup> , Lanarkshire, Paisley	

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

## Open up a world of opportunities in the computing sector with the BSc Computing Science degree at UWS.

You will gain a wide-ranging understanding of computing in a variety of disciplines. Topics include software development processes and technologies; programming; software modelling tools; object-oriented analysis and web service development.

Careers available in this dynamic industry include software developer or software engineer, web developer, systems analyst, database administrator, database designer, IT consultancy and technology sales.

### Course highlights

- This course will give you a wide-ranging understanding of computing in a variety of disciplines.
- Guest speakers from industry will further deepen your understanding of the subject.
- This course equips you for a broad range of careers including software developer or software engineer, web developer, systems analyst, database administrator, database designer, IT consultancy and technology sales.
- This course is accredited by the British Computer Society, fully meeting the educational requirements for Chartered IT Professional registration.
- It is also accredited by BCS, on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for Incorporated Engineer and partially meeting the academic requirement for a Chartered Engineer.<sup>2</sup>
- Includes an optional three-month industrial placement module to enhance your computing skills.

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 88-102  
**H:** BBBC including Maths or Computing or equivalent, or 102 UCAS Tariff points  
**AL:** CCD including Maths or Computing or 88 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 24 points  
**Scottish Widening Access Programme:** Access to STEM BBB

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

**95%**  
**of graduates in work/further study 6 months after graduating**

HESA Performance Indicator 2016/17

<sup>1</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>2</sup> Lanarkshire and Paisley campuses.

# Cyber Security

<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code</b> MEng <b>I201</b> BEng <b>I200</b>
<b>Duration</b> MEng Hons 5 years BEng Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Lanarkshire	

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

## Learn to protect and secure modern data infrastructure with the BEng (Hons)/MEng(Hons) Cyber Security degree at UWS.

You will develop industry relevant knowledge and skills based around the ethical hacking framework, underpinned by a thorough understanding of both networking (CCNA) and programming theory.

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

### Course highlights

- You will develop industry relevant knowledge and skills based around the ethical hacking framework.
- Your skills will be underpinned by a thorough understanding of both networking (CCNA) and programming theory.
- You will study a wide range of topics including operating and computer systems security; wireless networks and their security; intrusion detection and prevention; and network security auditing and monitoring.
- Upon completion of the course you will be equipped to provide network security support in CSE and CSO roles, for companies in a diverse range of sectors.

### Entry requirements

**Year 1**  
**MEng Hons**  
**UCAS Tariff points:** 58-114  
**H:** ABBB, or equivalent, or 114 UCAS Tariff points inc Maths & Physics, & English at least at National 5.  
**AL:** BBC 58 UCAS Tariff points inc Maths & Physics  
**ILC:** H2H2H2H3 inc Maths & Physics  
**IB:** 32 points

**BEng Hons**  
**UCAS Tariff points:** 88-102  
**H:** BBBC, including Maths or Computing or Physics or equivalent, or 102 UCAS Tariff points  
**AL:** CCD including Maths or Computing or Physics or equivalent or 88 UCAS Tariff points  
**ILC:** H3H3H3H4  
**IB:** 24 points  
**Scottish Widening Access Programme:** Access to STEM BBB

Direct entry to Year 2 or Year 3 may be possible. For specific grades and subjects see website listed above.

# Music Technology



<b>School</b> Computing, Engineering & Physical Sciences	<b>UCAS Code</b> <b>W350</b>
<b>Duration</b> BSc Hons 4 years	<b>Contact</b> Applicant Enquiry Team 0800 027 1000 +44 141 849 4101 outwith UK ask@uws.ac.uk
<b>Campus</b> Paisley <sup>1</sup>	

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

## Prepare for a career in the music and media industry with our BSc Music Technology degree.

You will learn how to produce and process music and audio as well as being involved in studio recording and production, location recording and audio post-production, electronic music composition and sound design.

Students have access to current industry-standard equipment and software, and guest speakers from industry will further deepen your understanding of the subject.

### Course highlights

- This course is designed to provide you with the knowledge and practical experience to work in a range of areas within the creative music, audio and media sectors.
- You will develop a wide range of industry-relevant skills related to music and audio production.
- Students have access to industry-standard equipment and software.
- Guest speakers will provide industry insight and further deepen your understanding of the subject.
- This course is accredited by JAMES (Joint Audio Media Education Support) and is an Avid Learning Partner (offering the opportunity to gain Pro Tools certification).

### Entry requirements

**Year 1**  
**UCAS Tariff points:** 88-102  
**H:** BBBC, or equivalent, or 102 UCAS Tariff points inc Music or Music Technology plus Mathematics or Physics at National 5  
**AL:** CCD or 88 UCAS Tariff points  
**ILC:** H3H3H3H4 including Music plus either Maths, Technology or Physics  
**IB:** 24 points  
**BTEC National Diploma:** Music Technology  
**Scottish Widening Access Programme:** Access to STEM BBB

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

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



# Web & Mobile Development

**School**

Computing, Engineering &amp; Physical Sciences

**UCAS Code****G450****Contact**Applicant Enquiry Team  
0800 027 1000  
+44 141 849 4101 outwith UK  
ask@uws.ac.uk**Duration**

BSc Hons 4 years

**Campus**

Paisley

Detailed course content available at [uws.ac.uk/ug](https://uws.ac.uk/ug)**Learn the skills to exploit the capabilities of the internet with our BSc Web & Mobile Development degree.**

You will gain expertise in systems design and analysis, using the latest tools, techniques and scripting languages. You will also learn how to develop dynamic, interactive and secure web and responsive mobile solutions.

Graduates will be able to establish and manage secure web servers, and create and maintain appropriate web material.

**Course highlights**

- This course will equip you with the skills to design, develop and maintain secure web services and mobile applications.
- You will gain expertise in a variety of areas including systems design and analysis, using the latest tools, techniques and scripting languages.
- The degree has strong industry links, including a programme of guest speakers, company visits and networking events with employers.
- The course is recognised by the British Computer Society as fully meeting the educational requirements for Chartered IT Professional registration.

“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 &amp; Mobile Development graduate and Web Developer at The Drum

**Entry requirements key**

<b>H</b>	SQA Higher Grade	<b>ILC</b>	IRISH LEAVING CERTIFICATE
<b>AH</b>	Advanced Higher	<b>H</b>	Higher Level
<b>SG</b>	Standard Grade	<b>O</b>	Ordinary Level
<b>Int2</b>	Intermediate 2	<b>IB</b>	INTERNATIONAL BACCALAUREATE DIPLOMA
<b>Nat5</b>	National 5	<b>H</b>	Higher Level
<b>AL</b>	GCE A-Levels	<b>S</b>	Standard Level

**Feature**

## Stranger than science fiction

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

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

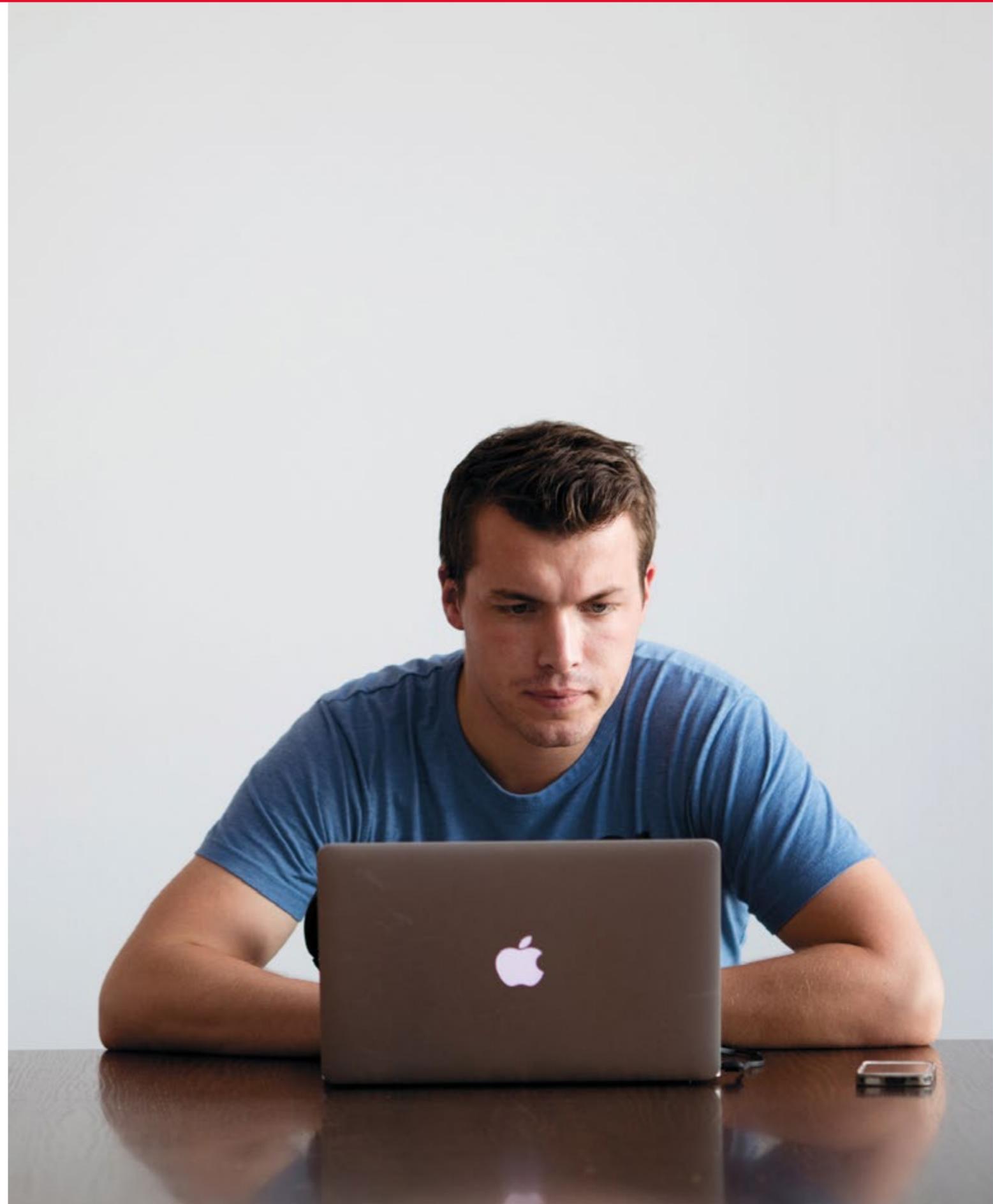
Many of our undergraduate students get to hear from PhD students working at the leading edge of this research and we update our teaching materials regularly, to reflect our research areas including the latest advances informed by SELFNET.

**What is 5G and SELFNET?**

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

**Faster, faster!**

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



# Application & entry requirements

UWS UCAS Code **U40**

## Your application

### How to apply – UCAS

All applications<sup>1</sup> for entry to full-time Honours or Ordinary degree programmes starting in September 2020 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](https://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](https://ucas.com)  
[facebook.com/ucasonline](https://facebook.com/ucasonline)  
[twitter: @ucas\\_online](https://twitter.com/ucas_online)

The UCAS website has a lot of helpful FAQs and guides available at [ucas.com/faqs](https://ucas.com/faqs)

### When to apply

UCAS applications can be made between 1st September 2019 and 15th January 2020, and will be considered as part of the equal consideration deadline. 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.

Applicants can select to apply for up to five programmes through the UCAS system. The University's institution code is U40. Full information on individual course codes and campus/location details are listed on the UCAS website, or call our Applicant Enquiry Team for details. A fee of £24 for application must be sent to UCAS with your completed UCAS form. Alternatively, you can enter one choice only on the UCAS form and pay a reduced fee of £18. Please check the UCAS website for the most up-to-date information on the application process and application cost.

Applications submitted after 15th January 2020 will be considered subject to each applicant's academic qualifications and availability of places for each course.

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](https://ucas.com)

### How UWS reviews your application

It is important for the University to understand your motivation for the course(s) you wish to study at UWS and your reason for selecting to study with us. Through this consideration process we review the following:

- your examination results (actual and predicted grades)
- your personal statement
- references
- any work experience (helps to demonstrate that you have explored the career/profession you hope to enter)
- performance at interview or audition if appropriate
- knowledge of the course(s) of study and of UWS

In short, the full UCAS application form. So work really hard on your application to give yourself the best possible chance of being made an offer.

### UWS offer

Applicants may receive either a conditional or unconditional offer to study at UWS. If you receive a conditional offer there will be requirements to meet before the offer is confirmed e.g. certain entry conditions that need to be attained, such as Higher Physics at Grade B or A Level Chemistry at Grade C. The conditions of the offer are detailed on UCAS Track.

If you have already achieved the required entry criteria for the programme(s) of your choice you will receive an unconditional offer from us.

The prospectus, UCAS and UWS website state the likely academic entry requirements that we will consider your application against for entry to the course(s) of your choice. Please be aware that we may request a higher offer if you have not met these requirements in one sitting or if we receive a higher than expected number of applications for a particular course.

Should you be unsuccessful in your application, where you do not have the required academic entry criteria for example, we can offer advice on alternative routes to study with us.

At UWS a number of our Schools invite applicants for testing, and/or an interview or audition. Applicants will be advised through UCAS Track if they have been invited to attend one of these options. As entry to these programmes is competitive it is imperative that applicants bear in mind the importance of interviews or auditions as they will play a significant role in your overall assessment as to whether or not you receive an offer.

Throughout the application period we will keep in touch with you to make sure that you have as much information as possible about UWS to help with your future study.

### 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 care experience
- has been estranged from their family
- supports veterans and military families
- 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 our Applicant Enquiry Team if they require further information about their chosen course of study. Applicants are also advised to contact the Disability Service who support students with disabilities and specific learning difficulties, such as dyslexia. It is important that the University is notified of students' disabilities in advance, to allow individual support arrangements to be discussed prior to commencement of studies.

More information about the service can be found online at [uws.ac.uk/disability](https://uws.ac.uk/disability)

**Ayr Campus**  
**+44 (0)1292 886005**  
[disabilityservice@uws.ac.uk](mailto:disabilityservice@uws.ac.uk)

**Dumfries Campus**  
**+44 (0)1387 345825**  
[disabilityservice@uws.ac.uk](mailto:disabilityservice@uws.ac.uk)

**Lanarkshire Campus**  
**+44 (0)1698 894448**  
[disabilityservice@uws.ac.uk](mailto:disabilityservice@uws.ac.uk)

**Paisley Campus**  
**+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.

## Entry requirements

### Entry requirements to undergraduate programmes

For admission to degree programmes, applicants should possess as a minimum, passes in at least three Scottish Highers (Grade C or above); or passes, at least two at GCE Advanced Level; or an appropriate award of the SQA, Edexcel, the AQA or OCR; or Irish Leaving Certificate at Higher level; or other equivalent qualifications acceptable to the University such as the International Baccalaureate Diploma, SQA Scottish Baccalaureate, Professional Development Awards and Youth Achievement Awards.

All applicants are expected to provide evidence of proficiency in Mathematics and English, usually at SQA National 5 (Grade C or above), SQA Standard Grade (Grades 1, 2 or 3), or SQA Intermediate 2 (Grades A, B or C), or GCSE (Grades 4-9), or ILC Ordinary level. Some degree courses require passes in both GCSE English Literature and English Language; this will be identified on relevant course entries. Within the prospectus each programme will list the specific subject requirements.

Competition for places means that qualifications above the minimum pass standard are usually required to gain admission to a programme. Further details of entrance requirements are given under the relevant programme entries in this prospectus and on the UWS website.

### Advanced entry

Advanced entry is available across many of our programmes – see page 9 for more details.

### Foundation Apprenticeships

Foundation Apprenticeships will be accepted as a Level 6 qualification for applicants to our undergraduate degree programmes and for applicants to our Nursing, Education and Social Sciences programmes the Foundation Apprenticeship will be considered alongside other academic qualifications such as Highers.

Where specified subjects are required for entry to a degree programme (for example Maths and Physics in our Engineering programmes), a Foundation Apprenticeship in Engineering would be considered alongside all other academic qualifications.

The University recognises the significant work-based element of Foundation Apprenticeships and encourage applicants to emphasise this in support of applications.

### UCAS Tariff points

UCAS Tariff points will also be considered for entry. To calculate your tariff points total visit [ucas.com/ucas/tariff-calculator](https://ucas.com/ucas/tariff-calculator)

The UCAS Tariff is a system of quantifying a range of different qualifications so that we can assess a prospective student's academic ability and potential to succeed on an HE course.

Please note: For some courses specific qualifications in specific subject areas will be required.

### Scottish Wider Access Programme (SWAPWest)

As part of our commitment to widening access to courses, the University is a participating member of SWAPWest. SWAPWest offers an alternative route to higher education through a one-year full-time access course, which guarantees entry to higher education for successful candidates.

Call **0141 564 7206** or email [swapwest@scottishwideraccess.org](mailto:swapwest@scottishwideraccess.org) for more info.

<sup>1</sup> International students may be able to make a direct application to UWS – see page 58.

# International applications

**International students may make a direct application to UWS or apply through UCAS. You can make a direct application to UWS if you have not applied to any other UK university and wish to only apply to UWS – visit [uws.ac.uk/international](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 57.

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](https://uws.ac.uk/international)

Applicants who are based overseas should not leave their home country in order to attend the University until they have received an unconditional offer of admission and their Confirmation of Acceptance of Studies (CAS) to allow them to apply for their visa. As the level of overseas tuition fees is substantial, prospective students should check the total fees for the duration of their study, and the maintenance costs to cover books, accommodation and living expenses should also be considered.

**Visas and immigration**

You need to apply for your visa in time so that it arrives before the start of your course. Once you have received and accepted your unconditional offer of admission, paid the tuition fee deposit of £3,500 for Scottish campuses (full fees if you are studying at our London Campus), and meet all UKVI requirements you will be issued with a Confirmation of Acceptance of Studies (CAS) which you use to apply for your visa. Please note that the CAS will only be issued from three months before the start date of the programme and you will only be able to apply for your visa with the CAS from that point.

The Admissions Office at UWS will issue and send your CAS to you. Please note that your CAS is unique to you, UWS and your visa application. It is important and must be kept safe and used to apply for your UK student visa. Visa and immigration matters in the UK are dealt with by the Home Office of the UK Government.

For details of the visa regulations and processes, please visit the UK Visas and Immigration (UKVI) site at [gov.uk/browse/visas-immigration/student-visas](https://gov.uk/browse/visas-immigration/student-visas)

**Tuition fees & scholarships**

For information on tuition fees and scholarships please see page 59 or visit [uws.ac.uk/international](https://uws.ac.uk/international)

**Direct entry**

Students who meet the specified language and academic criteria may apply directly to University of the West of Scotland. As a rough guide, an IELTS comparable score of 6.0 or above<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.



## 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).

The full list of approved English Language Tests can be found here: [gov.uk/government/publications/guidance-on-applying-for-uk-visa-approved-english-language-tests](https://gov.uk/government/publications/guidance-on-applying-for-uk-visa-approved-english-language-tests)

Any English language qualification is required to have been gained within two years of the start of your UWS programme.

Students who do not meet UWS English language requirements may wish to consider undertaking the University's pre-sessional English language course to help them achieve their required score. For more information please visit: [uws.ac.uk/english](https://uws.ac.uk/english)

Test	Minimum requirement*
International English Language Testing System (IELTS)	Overall score of 6.0, with no less than 5.5 for each component
Test of English as a Foreign Language (TOEFL)	Overall score of 78 with no sub-test less than 17
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
PTE Pearson Academic English	Overall score of 54 with no element below 51

\*Some courses may require higher English language entry requirements. See web site for details.

<sup>1</sup> Some programmes may have higher English language requirements – see programme entries for details.

# Money, fees & funding

**No matter your individual circumstances or what level of study you will be undertaking with us, the University has lots of information and advice available on the funding you might be entitled to apply for, the costs of tuition and how to manage your money during your studies.**

For more information, visit [uws.ac.uk/money-fees-funding](https://uws.ac.uk/money-fees-funding)

## EU students

Applicants from EU countries (excluding England, Wales and Northern Ireland) may be eligible for fee payment by Student Awards Agency Scotland (SAAS).

The Scottish Government has confirmed free tuition in Scotland for eligible EU students enrolling in the 2020/21 academic year. Students who have been admitted as Scottish/EU fee status students, will retain that status for the duration of their studies, and are eligible for tuition fee support from SAAS.

You must apply to Student Awards Agency Scotland (SAAS) annually for the University to receive tuition fees on your behalf. Applications open in April each year and you are advised to apply at this time. You have until 30th September to supply your award letter or the University will treat you as self-financing and you will be liable to pay your fees.

For more details and to apply for funding, visit [saas.gov.uk](https://saas.gov.uk) or call **0300 555 0505**.

## Scottish students

Applicants normally resident in Scotland may be eligible for fee payment, and for help meeting the cost of living in the form of bursaries, grants and student loans, by Student Awards Agency Scotland (SAAS).

To find out more about what you might be entitled to apply for in relation to tuition and living cost support, and how you might budget this, visit [uws.ac.uk/money-fees-funding](https://uws.ac.uk/money-fees-funding)

You must apply to Student Awards Agency Scotland (SAAS) annually for the University to receive tuition fees on your behalf, as well as any living cost support you may be eligible for. Applications open in April each year and you are advised to apply at this time to ensure funding is in place and ready for the start of term. You have until 30th September to supply your award letter or the University will treat you as self-financing and you will be liable to pay your fees.

You can also find out more directly from Student Awards Agency Scotland (SAAS). Visit [saas.gov.uk](https://saas.gov.uk) or call **0300 555 0505**.

## Students from England, Wales, Northern Ireland, the Channel Islands and the Isle of Man

Applicants normally resident in these areas are subject to a different rate of tuition. For students entering in the 2019/20 academic session the UG fees are £9,250 per year for three years, but not more than £27,750 over four. For the latest information on tuition fee costs for session 2020/21 check [uws.ac.uk/money-fees-funding](https://uws.ac.uk/money-fees-funding)

You may be eligible to apply for support meeting the cost of tuition, and for help meeting the cost of living in the form of bursaries, grants and student loans, from your student funding body. To find out more about what you might be entitled to apply for in relation to tuition and living cost support, who you should apply to for this support and how you might budget this, visit [uws.ac.uk/money-fees-funding](https://uws.ac.uk/money-fees-funding)

You must apply to your funding body annually for the University to receive tuition fees on your behalf, as well as any living cost support you may be eligible for. You have until 30th September to supply your award letter or the University will treat you as self-financing and you will be liable to pay your fees.

**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.

## International (non-EU) students

Undergraduate fees for international (non-EU) students for session 2020/21 entry are available by visiting [uws.ac.uk](https://uws.ac.uk) and finding the individual course listings. The figures for the University's international tuition fees include all tuition, registration and examination costs. These may be subject to change. For the latest information on tuition fee costs visit [uws.ac.uk/money-fees-funding](https://uws.ac.uk/money-fees-funding)

## International (non-EU) tuition fee payment

International (non-EU) students entering their first year of study at one of the Scottish campuses of UWS will be required to pay £3500 of their tuition fee before their CAS (Confirmation of Acceptance) is issued. International (non-EU) students entering their first year of study at the London Campus of UWS will be required to pay tuition fees in full before their CAS is issued. A CAS is required in order to gain a visa.

The remaining balance of tuition fees will be eligible for a 10% early payment discount if paid seven days prior to classes commencing. Otherwise students are permitted to pay in three equal instalments.

Further details on the tuition fees for courses can be found at [uws.ac.uk/money-fees-funding](https://uws.ac.uk/money-fees-funding)

## International (non-EU) accommodation information

Provided applications are made by the last Monday of June 2020, all single, non-EU international students are guaranteed a place in University accommodation. Information along with an FAQ document, can be found at [uws.ac.uk/university-life/accommodation/](https://uws.ac.uk/university-life/accommodation/)

Students will have the opportunity to spread the cost of their University accommodation over a payment plan.

**NB:** Unfortunately the University accommodation is not suitable for families. Overseas students intending to bring family to Scotland while studying should email us at [accommodation@uws.ac.uk](mailto:accommodation@uws.ac.uk) and we will liaise with you on the best options available.

## Self-financing students

Students who are not eligible for financial support to meet the cost of tuition, and are therefore meeting the cost of this themselves are regarded as self-financing students. The equivalent of a standard one module deposit will be required at time of enrolment, before the remaining balance is paid through monthly instalments in line with our payment plan. Details of our current tuition fees, payment plans and online payment facility can be found at [uws.ac.uk/money-fees-funding](https://uws.ac.uk/money-fees-funding)

## Company sponsorship

If your fees are being fully or partly paid by an organisation or a sponsor, you must complete a sponsor authorisation form, which can be downloaded from [uws.ac.uk/money-fees-funding](https://uws.ac.uk/money-fees-funding). This must be completed and returned to **UWS Finance Office, Paisley Campus, High Street, Paisley, PA1 2BE** prior to your enrolment. You can also email it to [ar@uws.ac.uk](mailto:ar@uws.ac.uk)

Please note that you are responsible for your tuition fees until they are paid in full by your sponsor. Should your sponsor withdraw this support, you will be deemed to be a self-financing student.

## Additional financial support

There are many alternative sources of funding that may provide additional financial support to students including trusts, scholarships, endowments, grants or bursaries. As such, we encourage students to research these and apply for any additional funding for which they might be eligible.

In order to help students start this research we have provided information and guidance at [uws.ac.uk/money-fees-funding/other-financial-support/alternative-trusts-scholarships/](https://uws.ac.uk/money-fees-funding/other-financial-support/alternative-trusts-scholarships/)

## Withdrawal fee

If you change course or withdraw from your course, you must consider the financial implications of doing so, even if you are receiving tuition fee support from a funding body. You may be required to make a pro-rata payment and can find out more about this via [uws.ac.uk/money-fees-funding](https://uws.ac.uk/money-fees-funding)

You can also discuss this with the Finance Office at [ar@uws.ac.uk](mailto:ar@uws.ac.uk)

## Graduation registration

You will be required to pay a £40 graduation registration fee in order to graduate.

## Additional costs

For some programmes there may be additional costs involved, for example, study materials, field trips or equipment, which are not included in the tuition fee advertised. You can find out more about any additional costs for programmes for 2020 entry (if applicable) on our website.



# Further information

## 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](https://uws.ac.uk/equality)

## Want more UWS?

 [UniWestofScotland](https://www.facebook.com/UniWestofScotland)

 [@UniWestScotland](https://twitter.com/UniWestScotland)

 [@UniWestScotland](https://www.instagram.com/UniWestScotland)

 [Uniwestscotland](https://www.youtube.com/Uniwestscotland)

## Got a question about UWS?

**0800 027 1000**  
+44 (0)141 849 4101 outwith UK  
[ask@uws.ac.uk](mailto:ask@uws.ac.uk)

### Terms and conditions

You can find our full terms and conditions on our website at [uws.ac.uk](https://uws.ac.uk). You should read these prior to making your application. They provide information on important matters including when we might have to make changes to the way we deliver the courses in this prospectus. You should note that the terms and conditions are reviewed each year and changes may be made to these prior to your enrolment.

We have made every effort to make sure the information in this prospectus is accurate at the time of going to print but it is subject to change. You should refer to our website for the most up-to-date information.

For some of our programmes there may be additional costs involved, for example, for study materials, field trips or equipment, which are not included in the tuition fee advertised. You can find out more about any additional costs for programmes for 2020 entry (if applicable) on our website or you can e-mail us at [ask@uws.ac.uk](mailto:ask@uws.ac.uk)

This prospectus is available electronically and in other formats if required.

University of the West of Scotland is a registered Scottish charity. Charity number SC002520.

[uws.ac.uk](https://uws.ac.uk)





**Dream, believe,  
achieve.**

*A 21st century university.*

[uws.ac.uk](http://uws.ac.uk)