




UNIVERSITY OF THE
WEST of SCOTLAND

UWS

the
making
of: you

Undergraduate Prospectus 2012
www.uws.ac.uk



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Credits

The photography in this prospectus features current UWS students from across the campuses.

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SUCCESS TAKES KNOW HOW. TOGETHER WE'VE GOT IT.

**WITH OUR FOCUS ON YOU AS AN INDIVIDUAL,
WE'LL GIVE YOU THE OPPORTUNITY DURING
YOUR TIME AT UWS TO DEVELOP PERSONALLY
AND PROFESSIONALLY, AND TO PICK UP THE
SKILLS YOU'LL NEED TO PREPARE YOU FOR
YOUR FUTURE CAREER.**

You'll widen your knowledge through lectures and tutorials; develop skills through practical lab and project work; and have the chance to gain real-world experience through tailored placements in relevant areas of industry and the professions. Furthermore, you'll have support if you need it – whether it's relating to your studies, to your career planning, or to your personal well-being.

Read on for details of the full-range of career-focused UWS programmes offered across our campuses, our ongoing investment in facilities, and advice on making the most important decision about your future.

And remember to check our website – www.uws.ac.uk – for the latest updates.

The photography in this prospectus features UWS students from across the campuses. We set up a day of photography and invited our students to participate, asking them to share their experience of studying at UWS. The photography in this prospectus and the accompanying magazine shows the results. Our thanks to everyone who got involved.

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FAST FACTS

UWS IS SCOTLAND'S LARGEST MODERN UNIVERSITY, BUT HAS ORIGINS DATING BACK TO OVER 100 YEARS AGO. WITH AROUND 20,000 STUDENTS, AND CAMPUSES ACROSS THE WEST OF SCOTLAND IN AYR, DUMFRIES, HAMILTON AND PAISLEY, THE UNIVERSITY OCCUPIES AN INTEGRAL POSITION WITHIN SCOTLAND'S PROUD TRADITION OF EXCELLENCE IN EDUCATION.

Our robust links with business, industry and the public sector allied with an extensive range of part-time and continuing professional development (CPD) options makes us an attractive choice for a diverse range of scholars. Responsive to change and evolving in line with contemporary conditions, UWS offers a bright future for modern students seeking a competitive edge.

- **Scotland's biggest modern university – with origins dating back over 100 years**
- **Around 20,000 students**
- **Campuses across the West of Scotland in Ayr, Dumfries, Hamilton and Paisley**
- **£250 million+ investment programme underway**
- **Outstanding new £70 million Ayr Campus opens September 2011**
- **New student residences opening in Ayr and Paisley**
- **The 2008 RAE (Research Assessment Exercise) awarded their highest rating possible of 4* to six UWS research areas and 'International Excellence' in a further seven**
- **Robust links with business, industry and the public sector**
- **Extensive range of part-time and continuing professional development (CPD) options**
- **Around 1,400 international students**
- **Established network of EU and US partners for exchange opportunities**
- **The first UK university to be accredited by Microsoft, Adobe and Cisco**

Programmes are offered in business; computing; education; social sciences; health; nursing; veterinary nursing; midwifery; creative & cultural industries; science; engineering; and sport.

*4 star research representation in Allied Health Professions and Studies; Accounting and Finance; Business and Management Studies; Social Work and Social Policy & Administration; Education; and Communication, Cultural and Media Studies (Research Assessment Exercise 2008).

Education 
SCOTLAND
 Innovative. Individual. Inspirational.

Working with the British Council

University of the West of Scotland works closely with the British Council. For your nearest British Council office, please visit www.britishcouncil.org/new
 At the top right of the page click on UK site (select another country site), and choose the appropriate country.

Details of UWS' worldwide representatives can be found at www.uws.ac.uk/international/countrycontacts.asp



Kayleigh Russell
 Law student

"Studying Law makes me more aware of my rights in life. I'm hoping to become a solicitor following my studies, or a journalist. Right now, I'm making the most of my time at UWS."

ENHANCE YOUR EMPLOYABILITY

NOW IS THE TIME TO THINK ABOUT YOUR FUTURE, EVEN IF YOU'RE JUST BEGINNING YOUR STUDIES. IT'S IMPORTANT TO CHOOSE A UNIVERSITY THAT WILL EQUIP YOU WITH WHAT YOU NEED TO LAUNCH YOUR CAREER.

At UWS we'll help you to develop your employability skills as well as your academic ones by providing opportunities for both placement and work-based learning. These opportunities are supported by workshops and seminars delivered by our careers team and industry experts.

A PRACTICAL FOCUS

Develop real-world skills through our placement options in industry. Many of these are offered on a competitive basis, and support is given during the application process, from CVs and application forms, to interview and assessment centre preparation. In parallel with your placement or work-based learning, the University will monitor and support your progress in the workplace. Placements of 36 weeks or more are normally salaried; so you will earn while you learn.

The average salary for a typical placement in session 2010/11 was around £13,500 a year.

SANDWICH PLACEMENTS

A sandwich degree is a four-year undergraduate degree in which students undertake a placement year in industry. A 'thick sandwich' is a paid placement in a 12-month block (usually) taken between Years 2 and 3 of study, while a 'thin sandwich' is paid placement in two 6-month blocks before and after Year 3.

BUSINESS OPTIONS

Along with sandwich placement opportunities, Business School students may have the option of selecting embedded or work-based placements as part of their Single subject Honours degrees. Taken in Year 3, these provide paid experience in industry for which you'll gain credits, usually equivalent to four modules of study.



*2010/11 figure

CREATIVE & CULTURAL INDUSTRIES OPTIONS

The UWS Skillsset Media Academy, of which the School of Creative & Cultural Industries is part, has strong links with the creative and cultural industries and incorporates employability at the heart of its programmes. Students have the option to take a work-related learning module in a relevant organisation offering valuable work experience and providing opportunities to build on their creative networks.

The Academy's Industry Advisory Panel with members from the BBC, STV, Film City Glasgow and Glasgow's Centre for Contemporary Arts exists to ensure that creative industries programmes are designed in line with the industry's requirements and to meet skills and labour market demands. Visit www.uwsmediaacademy.com or www.uws.ac.uk/ci for further information.



LIFE SCIENCES & COMPUTING OPTIONS

Our Life Sciences and Computing programmes offer sandwich placement options, as well as 12-week placement opportunities giving students the chance to enhance their skills in the workplace.

For more information regarding placements and to read about UWS students who have gone on placement visit the Careers Service's placement webpage at www.uws.ac.uk/placement

PRACTICE-BASED LEARNING

As well as widening their knowledge and skills in our classrooms and labs, students in a number of disciplines undertake practice-based learning in professional settings. Programmes including: Primary Education, Social Work, Adult and Mental Health Nursing, Midwifery, Veterinary Nursing and Childhood Studies involve periods of time with relevant organisations to meet the practical requirements of the professional bodies and to provide valuable career skills in a real work environment.

Find out more about our industry experience options at: www.uws.ac.uk/employabilitylink

UWS students have worked with some of the leading companies at home and abroad including:



INSPIRING PEOPLE

Advice from experts

UWS IS WELL CONNECTED, INFORMED AND PART OF AN INTERNATIONAL NETWORK OF KNOWLEDGE IN A VARIETY OF SECTORS. OUR STAFF HAVE ESTABLISHED ENDURING LINKS ALLOWING THEM TO CONNECT WITH AN EXCITING ROSTER OF INDUSTRY INSIDERS.

You'll also get invaluable input from leading business and industry experts through guest lectures, workshops, competitions and seminars which are held regularly, and have included:

- Acclaimed film director Peter Mullan
- the University's entrepreneurs in residence, a group of industry experts who visit regularly to advise UWS students on business set-up, funding and support
- Shirley Manson, frontwoman of Garbage
- Deep Purple keyboardist Jon Lord
- Dave Ranyard, Audio Manager, Sony Computer Entertainment Europe who gave an insight into getting ahead in the games industry
- a range of guests from the scientific, engineering, commercial and voluntary sectors who share their expertise

RESEARCH EXCELLENCE

BEING PART OF A UNIVERSITY COMMUNITY THAT TAKES RESEARCH SERIOUSLY MEANS THAT YOU'LL BE TAUGHT BY STAFF WHO ARE AT THE CUTTING-EDGE OF INNOVATION.

Cementing our reputation for academic achievement is the 2008 Research Assessment Exercise (RAE) which awarded its highest possible rating of 4* to six UWS research areas, and 'International Excellence' in a further seven. Recent work, much of which is transnational and interdisciplinary, includes:

- scientific research resulting in the discovery of a novel type of nuclear fission which challenges the theoretical understanding of the nuclear fission process
 - new research into the 2010 Winter Olympics including studying the media and cultural aspects of the Games
 - fieldwork research completed in Malawi by staff in science and in nursing to improve healthcare
 - the University's Thin Film Centre's research used to aid the development of a new A4 e-book reader called the QUE, launched at the (world's largest) Consumer Electronics Show in Las Vegas, 2010
 - a £126.5 million partnership project involving ten Scottish universities to ensure
- Scotland's future as a driving force in engineering
 - £22 million nationwide environmental research initiative to study the earth's environment and the way people interact with it
 - a research collaboration between UWS and the Welsh Rugby Union questioning the current coaching methods in rugby union and highlighting the need for different position-specific agility and speed training strategies
 - £48 million investment for eight Scottish universities working in partnership to develop their physics research capabilities
 - research to aid the fight against teenage obesity by the Exercise and Health Sciences Research Unit
 - research into the field of parasitology and the building of academic and industry collaborations acknowledged by Nexxus who named a UWS researcher Nexxus' Young Life Scientist of the Year (West).

*4 star research representation in Allied Health Professions and Studies; Accounting and Finance; Business and Management Studies; Social Work and Social Policy & Administration; Education; and Communication, Cultural and Media Studies (Research Assessment Exercise 2008).



Mark Turner

Business student

"UWS summed up?"

Good lecturers, an excellent location and a flexible degree, with a great range of study topics. When I graduate my aim is to earn a place on a graduate scheme to get my career off to a great start."

HERE FOR YOU

THERE'S PLENTY OF SUPPORT TO PREPARE YOU FOR YOUR TIME AT UNIVERSITY, AS WELL AS WHEN YOU GRADUATE.

STUDENT LINK

Our Student Link service operates as a single point of contact for all student support enquiries for everything from admissions to graduation. As well as visiting our Student Link Information Point on your campus, you can use our online service, Live Chat, to ask questions about being a student from wherever you are studying.

Ask the Student Link about:

- admissions
- advice for international students
- advice for part-time students
- careers advice
- counselling
- childcare support
- disability support
- graduation
- mentoring system for first time students
- part-time jobs
- registration and enrolment
- student funding
- money management
- voluntary work
- work-based learning and placements

We offer regular drop-in sessions as well as appointments with specialist advisers. For more information visit www.uws.ac.uk/students or contact us at Slpaisley@uws.ac.uk

STUDY SUPPORT

Every UWS student has a personal tutor for advice on study options and we have Effective Learning Tutors available at each campus to support your study skills.

Blackboard is our web-based learning platform, which provides access, from any location, to online course materials, lecture notes and tutor-to-student discussion boards.

MONEY ADVICE

The Funding and Advice Team can help you get the right student funding while you study. They are also committed to helping you manage your money. Learning how to manage your money will help you make the most of your student experience.

Have a look at the money saving article in the magazine that comes with this prospectus for tips.

MAKE YOURSELF AT HOME

UNIVERSITY ACCOMMODATION

Meet new people, make new friends, and gain some independence; we've a range of affordable, self-catered student accommodation at our Ayr, Hamilton and Paisley campuses.

Priority for places is normally given to first year students who live more than 40 miles from the campus towns, or more than an hour's travelling time away. We also provide listings and advice on private accommodation in Ayr, Dumfries, Hamilton and Paisley.

INTERNATIONAL STUDENTS

Provided they apply by 27 July, all single, non-EU international students are guaranteed a place in University accommodation and EU students are given priority for remaining places.

AYR CAMPUS

As part of our ongoing investment in campus facilities, a brand-new student residence is due to open in Ayr for the 2011 session. This will comprise 200 en-suite bedrooms grouped in student flats with shared lounge, kitchen and dining areas within each flat.

HAMILTON CAMPUS

At Hamilton Campus purpose-built student flats, next to the campus, accommodate 156 students. All first-year students are guaranteed a place, and many current residents are second or third year students.

PAISLEY CAMPUS

In Paisley our Thornly Park Residence, 2 miles from campus, accommodates 235 students and our Underwood Residence, which accommodates 168 students, is a 5-minute walk from the campus. There is also a range of University flats close to campus which accommodate 225 students.

Work has begun on our new £13.2 million residences complex and a major programme of upgrading flats for the 2012 session. The new residences development illustrates our deep commitment to providing the very best facilities for our students.

The new accommodation will comprise apartments each with shared kitchen/diner and lounge facilities and will provide 336 bed spaces. Communal facilities will include a student lounge and laundry.

DUMFRIES CAMPUS

In Dumfries, students may apply for a place in the University of Glasgow managed accommodation on campus under our partnership agreement with them.

APPLYING FOR ACCOMMODATION

As soon as you have an offer of a place of study you can apply for accommodation using our online student accommodation booking system. Visit www.uws.ac.uk/accommodation



More info

For more information on our accommodation, contact:

Ayr Campus

+44 (0)1292 886273

Hamilton Campus

+44 (0)1698 283100
(extension 8376)

Paisley Campus

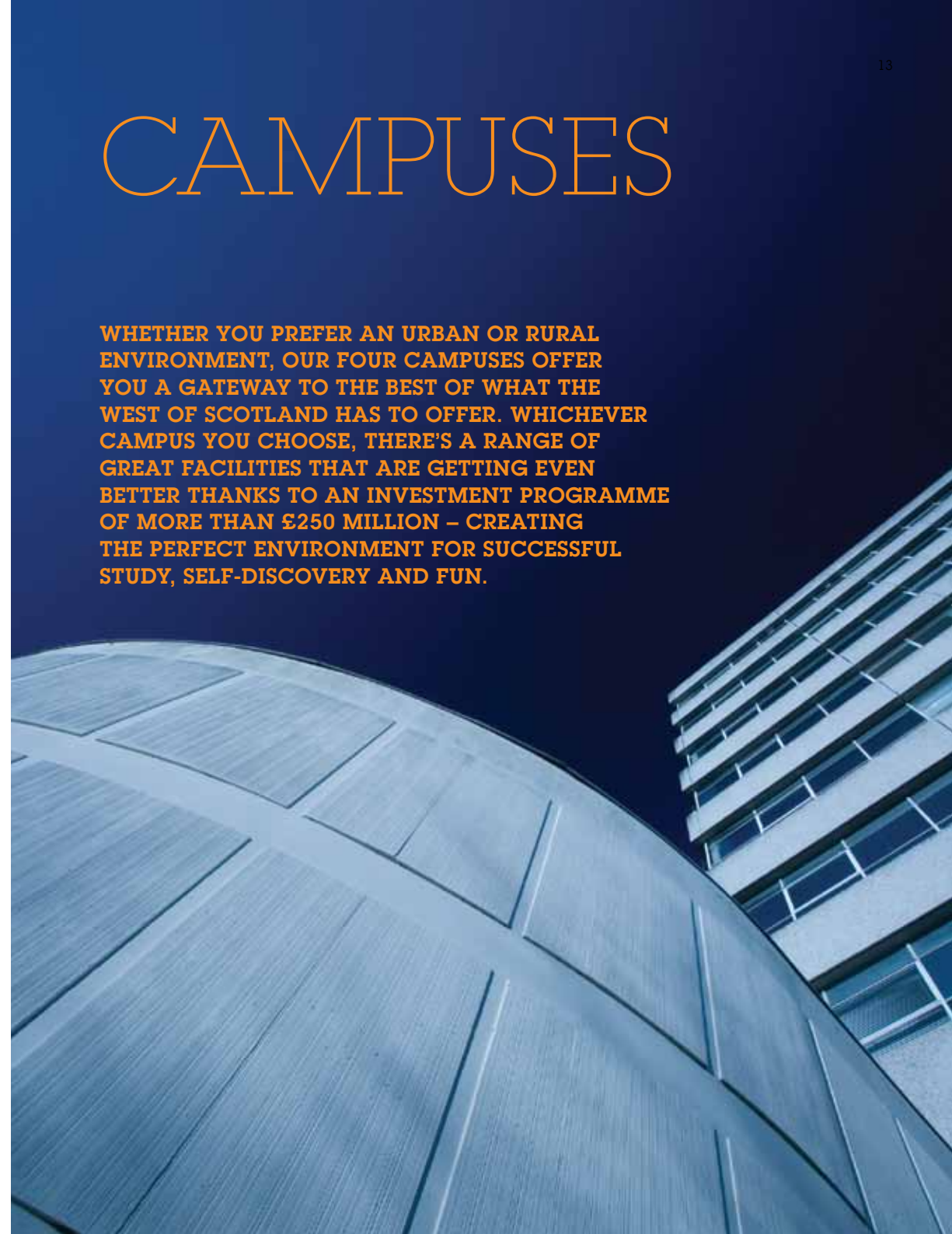
+44 (0)141 848 3158/9

Dumfries Campus

+44 (0)1387 702054
or visit the website.

CAMPUSES

WHETHER YOU PREFER AN URBAN OR RURAL ENVIRONMENT, OUR FOUR CAMPUSES OFFER YOU A GATEWAY TO THE BEST OF WHAT THE WEST OF SCOTLAND HAS TO OFFER. WHICHEVER CAMPUS YOU CHOOSE, THERE'S A RANGE OF GREAT FACILITIES THAT ARE GETTING EVEN BETTER THANKS TO AN INVESTMENT PROGRAMME OF MORE THAN £250 MILLION – CREATING THE PERFECT ENVIRONMENT FOR SUCCESSFUL STUDY, SELF-DISCOVERY AND FUN.





AYR CAMPUS

BY SEPTEMBER 2011 WE'LL HAVE A BRAND-NEW £70 MILLION RIVERSIDE CAMPUS IN AYR, JUST 10 MINUTES' WALK FROM THE TOWN CENTRE.

The campus provides state-of-the-art facilities for UWS and our project partners SAC. Designed by award-winning architects RMJM the new building has already achieved the award of a BREEAM* Excellent rating from the British Research Establishment for features which minimise environmental impact. The campus design was inspired by the area's woodland surroundings and offers students a stunning space for study.

- some of Scottish higher education's finest facilities with suites, studios and laboratories for performance, music, broadcasting, education and healthcare
- a student-run digital radio station
- its own lively student union, with an excellent events and entertainment schedule
- a library housing an impressive range of resources and facilities
- brand-new student accommodation composed of 200 en-suite bedrooms grouped in student flats with shared lounge, kitchen and dining areas and with communal lounge and laundry facilities

- a range of student services featuring careers and funding advice; job shop; counselling; and disability support
- access to extensive riverside walkways and cycle paths

ABOUT AYR

With a population of 50,000, the coastal town of Ayr is located just under 60 minutes from the centre of Glasgow by road or rail. The town has become increasingly student focused, offering an eclectic range of venues for socialising and entertainment. Packed full of historical sites, visitor attractions and cultural and leisure pursuits, the landscape surrounding the town varies from rolling hills, parkland, moors and dense forests to dramatic coastlines and long, sandy beaches.

There's plenty of outdoor pursuits available – including sailing, quaddbiking, horse-riding, football, rugby, hockey and tennis – as well as shops, bars, restaurants and nightclubs. Have a more detailed look by reading our specially created listings guide to Ayr in the magazine supplement that accompanies this prospectus. And with a £300 million regeneration plan on the cards, Ayr is set to get even better. For more information visit www.ayr.org



Ayr Campus
Open Day 2011
Tuesday
1st November
3–7pm

Courses in Ayr cover the creative industries, education, nursing, business, computing and aircraft engineering.

Travel

- Glasgow is just under an hour away by train or car
- Excellent road and rail links to Ayr
- Frequent bus and rail services operate from Glasgow and the south-west, as well as further afield to Ayr
- Glasgow Prestwick International Airport is approx 5 miles from campus with a direct train link to Ayr town centre

See our website for more travel information

DUMFRIES CAMPUS

OUR DUMFRIES CAMPUS IS LOCATED WITHIN A HISTORIC 85-ACRE PARKLAND ESTATE JUST TWO MILES FROM THE CENTRE OF DUMFRIES.

It's a shared campus, with the University of Glasgow and Dumfries & Galloway College occupying neighbouring buildings. The campus has a beautiful setting with views of the River Nith and the Galloway Hills. With a population of 38,000, Dumfries is big enough to enjoy city-like facilities, while remaining small enough to retain a friendly ambience.

The Dumfries Campus has state-of-the-art learning facilities for college and university students and currently operates across five distinctive buildings; Dudgeon House, Kindar, Browne House, Rutherford McCowan Building and Dumfries & Galloway College Building. Together they offer a range of benefits including:

- a library equipped with over 40,000 books, wireless IT facilities, PC workstations and access to the University-wide library and other online resources
- University Student Services which are located in the Dumfries & Galloway College building and offer careers and funding advice; job shop; counselling; and disability support
- sports facilities including games hall, gym and fitness studio
- almost 200 computer work stations for campus students

- Student Link is located in the University Library in the Dumfries and Galloway College building and provides advice on a wide range of subjects including enrolment, preparing for a graduate job, applying for a graduate programme, funding, careers and more
- WiFi access at a variety of locations across the campus
- a state-of-the-art clinical training skills unit for UWS nursing students
- an active Students' Association www.cucsa.org.uk

ABOUT DUMFRIES AND GALLOWAY

With a population of 32,000, Dumfries forms the hub of Dumfries & Galloway, a region of rugged coastlines, sandy beaches and tranquil lochs. The town of Dumfries offers a good range of leisure, retail and entertainment venues. Outdoor sports and leisure pursuits are also well catered for including cycling, golf, mountain-biking, water sports, hill-walking and fishing.

For more information on Dumfries and Galloway's historic attractions, wildlife and activities and events go to

www.visitdumfriesandgalloway.co.uk



Courses tailored to suit local students and employers include business studies, creative industries practice, computing, information technology, childhood studies, adult nursing, mental health nursing, veterinary nursing and social work.

Travel

- Regular bus and rail services operate to Dumfries from the nearby English city of Carlisle (south of Dumfries) and from both Edinburgh to the north-east and Glasgow to the north-west

See our website for more travel information



HAMILTON CAMPUS

OUR HAMILTON CAMPUS IS IN THE CENTRE OF TOWN – CLOSE TO HAMILTON CENTRAL AND HAMILTON WEST TRAIN STATIONS.

The campus is well-integrated with the existing fabric of the town and has a more urban feel than the more rural locations of Dumfries and Ayr. Cafes and bars are located a stones' throw from the University making the Hamilton Campus a sociable place to study. UWS in Hamilton is home to:

- state-of-the-art simulation wards for nursing and midwifery training
- well-equipped library, open-access IT facilities, 80,000 books and 1,000 journals. A planned refurbishment for summer 2011 will increase study spaces from 160 to 200
- WiFi access
- Student Link, including financial and welfare advice; careers service; job shop; counselling service; effective learning adviser; disability resources; and educational support services
- £2.1 million Centre for Engineering Excellence
- new classroom suite featuring touchscreen technology, tablet PCs and audience response handsets for interactive feedback
- sports & leisure centre, featuring a multi-gym area and games hall

- a range of catering facilities, including two student dining rooms and a coffee bar
- self-catering halls of residence
- students' union which offers a programme of entertainment throughout the year
- campus shops

ABOUT HAMILTON

Hamilton, Scotland's 5th largest town, is close to some of the most scenic parts of Scotland and offers a wealth of activities, sites of historical interest and superb scenery. It's a short train journey from Glasgow, and Edinburgh and Stirling are also within easy reach. The town is surrounded by a landscape of softly sloping hills, featuring a golf course, race course and mature woodland walks. The area around Hamilton offers lots to see and do – including a number of country parks and nature reserves such as Strathclyde Park; and sporting and leisure activities, including football, rugby, golf, sailing, tennis, tenpin bowling, swimming and horse-riding. The town centre offers plenty of shopping options as well as a 9-screen cinema, theatre and a host of pubs, nightclubs and restaurants.



Courses cover business studies, law, accounting, computing, education, engineering, science, sport, health, nursing, midwifery, social sciences and journalism

Travel

- Excellent road and rail links to Hamilton from Glasgow and surrounding areas
- Located just eleven miles south of Glasgow
- Most trains on the main rail line from London and the Midlands to Glasgow stop at Motherwell which is ten minutes from Hamilton, and there is also a fast and frequent service from Hamilton to Glasgow
- The campus is 5 minutes' walk from Hamilton West train station
- The campus is within two hours of Stranraer and Cairnryan ferry terminals

See our website for travel information



PAISLEY CAMPUS

Paisley Campus
Open Day 2011
Tuesday 25th
October
3-7pm

LOCATED IN THE CENTRE OF PAISLEY, A FEW MINUTES' WALK FROM PAISLEY GILMOUR STREET TRAIN STATION, THE CAMPUS IS LIVELY AND URBAN.

Already featuring a range of student accommodation, an additional new student residence is planned for Paisley Campus, as well as major programme of accommodation upgrading for the 2012 session. Our Paisley Campus offers:

- interdisciplinary science laboratories
- industry-standard design and engineering facilities
- nursing and midwifery teaching areas and skills labs
- students' union – including a cyber café, coffee shop, main bar and games area, cafeteria and 450-capacity events space
- internet café
- WiFi access at a variety of locations across the campus
- Robertson Trust Library & Learning Resource Centre, with over 1,000 reader spaces; reading rooms; and a new flexible learning zone with group and individual work areas, coffee bar, internet access and social space
- Robertson Trust Sports Centre on outskirts of town with sports hall; fitness suite; gymnasium; third-generation all-weather pitches; football; rugby and hockey pitches; jogging route; and all-purpose training area
- campus shop
- student services, including careers service, job shop, funding and advice service, counselling, disability support and spiritual care team
- new classroom suite featuring touch screen technology, tablet PCs and audience response handsets for interactive feedback

ABOUT PAISLEY

With a population of 74,000, Paisley combines heritage and history with all the facilities you'd expect from Scotland's second largest town. Visit Paisley Museum and Art Galleries or Paisley Arts Centre; take in the stunning architecture of the 12th century Abbey; or indulge in some retail therapy, with Glasgow – one of the UK's best shopping venues – just a 10-minute train journey away.

Courses cover business, computing, social sciences, engineering, science, sport, health, nursing and midwifery

Travel

- Campus just under 3 miles from Glasgow International Airport
- 10 minutes by train from Glasgow
- The M8 motorway, which links the M74, A77/M77 and M80, offers easy access to Paisley from the rest of Scotland and the South, plus a fast, direct route to the centre of Glasgow
- Regular public bus and rail services operate from Glasgow and the south-west as well as further afield, to Paisley

See our website for more travel information



Artist's impression of our new Paisley Campus student residences, development 1, opening summer 2012



SAUWS

Your Student Unions

PEOPLE SAY THAT THE FRIENDS YOU MAKE AT UNIVERSITY WILL BE FRIENDS FOR LIFE — AND AT UWS THERE ARE PLENTY OF OPPORTUNITIES FOR MAKING THEM.

The Union bars stream major sporting events; host regular stand-up comedy gigs as well as quiz nights and poker competitions. You can entertain yourself with pool tables and quiz machines while karaoke and open mic sessions offer an outlet for the talented.

Food and refreshments are priced with student wallets in mind ensuring your nutritional needs are met at affordable prices.

Paisley Union – the largest at UWS – is spread over three floors featuring the biggest bar in Paisley and the Java Cyber Café. Regular exhibitions, conferences and the annual sports ball jostle for your attention next to the activities of the University's clubs and societies.

In Hamilton, the Union is best known for the popularity of its theme nights featuring everything from silent discos to beach parties.

Ayr Union has a laid back feel and located just steps away from the student residences it nestles between the University buildings and the 'back fields' where, in summer, students spill out of the Union at lunchtime to lounge on the grass.

In Dumfries the Crichton University Campus Students' Association (CUCSA) runs a Hill Walking and Curling Club, the Crichton Ceilidh Club and the Consciousness Cafe Discussion Group – a philosophy club. Keep up-to-date at www.sauws.org.uk

UWS RADIO

The radio station broadcasts 24 hours a day, 7 days a week and can be heard on the Ayr Campus or listened to online at www.uwsradio.org

CLUBS & SOCIETIES

At UWS there is a diverse range of clubs and societies, supported by the UWS Students' Association (SAUWS) including:

Disabled Students, Environment, Film Making, Hobbits, International, ISOC (Muslim Students), LGBT (Lesbian, Gay and Bisexual), Oot and Aboot, Photography, Students' Newspaper, Students' Radio, Trade Cards, Womens' Group, Yoga.

Current sports clubs at UWS are: football, netball, basketball, volleyball, badminton, American football, cricket, hockey, rugby, cheerleading, aikido and tae kwon do. Find out more at www.sauws.org.uk



Anne-Camille Lippens
(centre) Erasmus
exchange student
*"I came to Scotland from
France, to study, improve
my English and discover
the country. I'll miss the
people and the parties
when I leave UWS!"*

BROADEN YOUR HORIZONS

WANT TO SEE MORE OF THE WORLD? THEN TAKE THE OPPORTUNITY TO SAMPLE LIFE IN EUROPE OR FURTHER AFIELD AS PART OF YOUR STUDIES.

Over 2 million university students have taken this opportunity to experience a new culture and to live and study in another country through the Erasmus programme that offers:

- a grant for all eligible students
- travel opportunities throughout Europe
- a fun, challenging experience
- no fees paid to host institution
- academic credits

Erasmus gives you the opportunity of an exciting 3–12 months exchange programme, that is normally accredited – so, while you experience a new culture and meet new people, your studies count towards your degree at UWS.

Many Erasmus partners teach in English, so it's not essential that you're fluent in a foreign language. However, tuition in the host country's language is available, which will help develop your language skills.

WHY GO?

- gain a new perspective on your subject
- some courses taught in English
- the confidence to live in another country
- new or improved language skills
- an international network of friends
- transferable employment skills
- an impressive addition to your CV

WHAT NEXT?

Talk to your UWS Study Abroad Coordinator by emailing international@uws.ac.uk to find out more.

You can also read case studies, check the online database and find out more about the programme and its benefits at www.britishcouncil.org/erasmus

INTERNATIONAL COMMUNITY

Our links with educational institutions all over Europe and beyond also mean that, here at UWS, there is a thriving international student community giving the University a truly international flavour.



UWS LANGUAGE OPTIONS – your passport to a global career

YOU CAN CHOOSE TO STUDY A LANGUAGE – FRENCH, GERMAN OR SPANISH – AS AN OPTION ON MOST OF THE PROGRAMMES OUTLINED IN THE FOLLOWING SECTIONS, AND USE THIS TO ENHANCE YOUR PROSPECTS IN THE JOB MARKET BY ADDING FOREIGN LANGUAGE SKILLS TO YOUR CV.

You can also combine language study with your main area of degree study to achieve a Major/Minor degree combination, for example, Applied Bioscience with a language, Chemistry with a language, Multimedia with a language or Computer Animation with a language. You can pick up a language from scratch or build on prior knowledge.

The focus is on practical language skills that you can use in social, academic and business contexts, and many classes are taught by native speakers. Topics covered are wide ranging and take account of current debates in the countries whose languages you are studying. For total language immersion, classes are conducted in the foreign language as much as possible, and as classes are relatively small you will find that your lecturers will soon know you individually. There may also be opportunities to use the language skills you've gained to undertake placement or study abroad through our links with Erasmus partners across Europe (see page 24).

CAREER BENEFITS

Many companies have contact with customers or suppliers whose first language is not English and in the European employment market there is a demand for native speakers of English who have good foreign language skills, can understand foreign cultures and can operate effectively in international environments.

Postgraduate study may also be an option; in Scotland, in particular, postgraduate courses in primary education look favourably on applicants with foreign language skills and graduates with language skills often find opportunities to work in the UK or abroad as teachers of English to speakers of other languages (ESOL). Graduates with language skills may also take up postgraduate study in related or new areas, for example in international marketing or librarianship.

Other UWS language options

- Part-time day, evening and summer courses in a variety of other languages including Greek, Italian, Polish and Mandarin
- Modules in Business English for non-native speakers from pre-intermediate to advanced level
- Pre-sessional English courses for international students preparing for study at UWS
- European Students Summer School see www.uws.ac.uk/international/english-language.asp

For more information email languages@uws.ac.uk

FLEXIBLE LEARNING

Part-time & advanced entry options

IT'S NEVER TOO LATE TO TRY SOMETHING NEW, WHETHER IT'S FOR PERSONAL INTEREST OR FOR A COMPLETE CAREER CHANGE.

PART-TIME STUDY

You can study many of the programmes in this prospectus on a part-time basis, to combine your studies with work or other commitments. Through our Lifelong Learning Academy you can also select from a range of individual modules on a day, evening or online basis to tailor studies to meet your own interests and schedule:

- study at a level to suit you – from individual modules to degree and MSc level
- intakes in September, February and June
- prior credit for existing qualifications and experience possible
- expert guidance from our Lifelong Learning Advisers
- accreditation from professional bodies possible for successful completion of appropriate modules
- competitively priced
- range of funding initiatives, including ILA Scotland, providing free or reduced cost part-time study

We work in partnership with the public and private sectors and have delivered training courses for organisations such as Dell, Marks & Spencer, NHS Greater Glasgow & Clyde and T-Mobile, as well

as having helped a number of SMEs upskill their employees.

COLLEGE TO UNIVERSITY

With advanced entry points across many of our courses, if you've already gained a college qualification – or are currently working towards one – you may be able to use it for entry to second or third year of a related UWS degree.

We have a range of partnerships across the college sector in Scotland for articulation arrangements and for local delivery of UWS programmes in the colleges themselves. These local delivery options are outlined in the following sections of the prospectus – for further information contact the colleges direct.

To help students with the move from college to university study, our Next Steps module has been designed to provide additional skills in study techniques, learning styles, exam preparation and presentation. For details see our website or contact University Direct on + 44 (0) 141 848 7044 or e-mail uni-direct@uws.ac.uk

For more details on our part-time options visit www.uws.ac.uk/part-time

ADVICE FOR INTERNATIONAL STUDENTS

Study in Scotland

STUDY IN SCOTLAND

Scotland has some of the United Kingdom's most stunning scenery. Its bustling towns and cities are home to a wealth of cultural attractions, retail centres and entertainment venues. Scotland has a highly skilled workforce and holds an enviable reputation in the fields of engineering and business, and in the development of innovative technologies.

Scotland is known worldwide for the high standards of its education system and the Scottish Government has stated its commitment to giving people, at all levels of society's economic spectrum, the opportunity to increase their knowledge and earning potential. This approach to education is at the very centre of our philosophy.

GETTING TO SCOTLAND

Scotland has international airports in Glasgow and Prestwick – both close to our campuses in the West of Scotland. There are also international airports in the East of Scotland, in Edinburgh and Aberdeen, as well as several regional airports. In addition, there are extensive rail and road links across the country.

FIND OUT MORE ABOUT UWS

Visit www.uws.ac.uk or contact University Direct on + 44 (0) 141 848 7044 for more information on our programmes and on life as a student at UWS. Alternatively, if you are visiting Scotland, you may be able to arrange an individual appointment

to find out more about us. We regularly have academic and other UWS staff visiting partner institutions across Europe and worldwide. We also attend education conventions and fairs throughout the year. Please check with your own international adviser to find out about any forthcoming visits or events by our staff.

PLAN AHEAD

The academic year is split into 3 trimesters:

- **Late September**
Trimester 1 starts
- **Early January**
Exams commence
- **End January**
Trimester 1 ends
- **End January**
Trimester 2 commences
- **Beginning May**
Exams commence
- **End May**
Trimester 2 ends
- **Early June**
Trimester 3 starts

With advanced entry points across many of the University's degrees, if you've already gained, or are working towards, an award at your own institution you may be able to use it for entry to Year 3 or 4 of a related UWS degree (see page 29).



Education 
SCOTLAND
Innovative. Individual. Inspirational.

Working with the British Council

University of the West of Scotland works closely with the British Council. For your nearest British Council office, please visit www.britishcouncil.org/new

At the top right of the page click on UK site (select another country site), and choose the appropriate country. Details of UWS' worldwide representatives can be found at www.uws.ac.uk/international/countrycontacts.asp





Oban



Sauchiehall Street, Glasgow



The Clyde at Pacific Quay, Glasgow

ADVICE FOR INTERNATIONAL STUDENTS New opportunities

OUR CLOSE WORKING RELATIONSHIPS WITH A NUMBER OF EU AND INTERNATIONAL PARTNERS ON COURSE DEVELOPMENT AND ARTICULATION HELP TO WIDEN THE RANGE OF OPPORTUNITIES FOR OUR INTERNATIONAL STUDENTS.

The list below shows examples of international qualifications (based on ECTS points or equivalent) which can be used to gain advanced entry to a related UWS degree programme. Please contact us at international@uws.ac.uk and we can assist you with qualification enquiries and equivalencies.

China

3-year degree/Diploma/HND

France

Diplôme d'Etudes Universitaires Générales (DEUG)/Diplôme Universitaire de Technologie (DUT)/Diplôme d'Etat de Technicien

Germany

Berufsakademien
DiplomStudienakademien Diplom/
Diplom(BA)/Zwischenzeugnis/Vordiplom

India

Advanced Diploma/HND

Pakistan

2-year BCom/3-year degree/HND/DipHE/
Advanced Diploma

Poland

Licencjat/Inzynie

WORKING IN THE UK

At UWS we can equip you with the skills you need to launch your career. Whether it's academic or helping to boost your employability or simply careers advice; we're here to help.

PART-TIME WORK OPPORTUNITIES

Students whose visas are endorsed with a restriction on working can work during term time for up to 20 hours per week and any number of hours during University vacations. For further information visit www.ukcisa.org.uk and download the information sheet 'Working during your studies' or check our website.



Yuxiao Zhou
Accountancy student
"Studying in the UK is my dream. Thanks to the 2+2 programme run by UWS and their Chinese partners, I got my chance to study here."

ADVICE FOR INTERNATIONAL STUDENTS Looking out for you

WE OFFER INTERNATIONAL STUDENTS A PROGRAMME OF WELCOME EVENTS WHICH INCLUDES A COMPREHENSIVE INDUCTION TO THE UNIVERSITY AND LIFE IN SCOTLAND.

INTERNATIONAL STUDENT ADVISERS

Our International Student Advisers are available to help with a variety of matters –

- student visa extensions
- immigration advice
- visas for travel outside the UK
- advice on working in the UK (during and after studies)
- letters for visiting relatives
- financial questions (funding sources, fees, student hardship, private trusts and charities, Students' Association Emergency Hardship Fund)
- welfare and health benefits
- general welfare (personal difficulties, social events for international students, HOST)

The International Student Advisers can be contacted on **+44 (0) 141 848 3803** or visit our website.

OTHER SOURCES OF ADVICE

UK Council for International Student Affairs (UKCISA) www.ukcisa.org.uk provides advice on all areas of concern to international students studying in the UK. Call **020 7107 9922** (+44 (0) 20 7107 9922 outwith UK) (Monday to Friday 1–4pm) to speak with a UKCISA professional international student advisor for help with any matter. The service is free – you pay only for the call.

IMMIGRATION INFORMATION

For detailed information on immigration procedures download the UKCISA information sheet 'Making a student immigration application in your home country' by visiting www.ukcisa.org.uk Information on visa applications can also be found at www.ukba.homeoffice.gov.uk/

For more information on student visas, welfare and general living in the UK, please visit our website at www.uws.ac.uk/internationalstudentsupport

"Scotland is a beautiful place and the buildings, museums and art centres are unique. Scottish people are friendly and polite. Studying at UWS has been one of the best parts of my life – if you are interested in studying, want to develop your personal skills and make your future bright, then UWS is the right place."

Ishan Kapadia
BEng Product Design and Development graduate

ADVICE FOR INTERNATIONAL STUDENTS

Fees and applications

INTERNATIONAL STUDENTS

For further details on the fees for undergraduate, postgraduate courses and research, tel + 44 (0) 141 848 3196/3351/3190 or visit www.uws.ac.uk/tuition-fees

Applicants normally resident in other EU countries (excluding England, Wales and Northern Ireland) may be eligible for fee payment by the Student Awards Agency for Scotland (SAAS). For more information visit www.saas.gov.uk

SCHOLARSHIPS AND DISCOUNTS

We have a wide range of international scholarships for full-fee paying overseas students. Tuition fee and accommodation discounts may be available, subject to certain conditions. Log on to www.uws.ac.uk/international/scholarships.asp

APPLICATION TO UWS

All applications for full-time degree and Honours degree programmes starting in September 2012 should be submitted through the Universities and Colleges Admissions Service (UCAS). Visit www.ucas.com for details.

ENGLISH LANGUAGE REQUIREMENTS

To cope with your studies – if English is not your first language – it is essential that you have a good command of written and spoken English. As a rough guide, a TOEFL score of 550 or above, or an IELTS score of 6 or above (minimum of 5 in each component) is acceptable as evidence of proficiency in English. See page 233 for a fuller explanation.

Information on courses to help develop English language skills can be obtained by emailing international@uws.ac.uk

Olayinka Kolawole Ojulani

Business Technology student

"I've got excellent career prospects as a result of studying at UWS – when I graduate I want to be manager of an IT company. I'd recommend UWS as staff and lecturers are always on hand to lend support when it's needed."



BUSINESS

MAKING THE
DECISION TO
STUDY AT OUR
BUSINESS SCHOOL
IS THE RIGHT CHOICE.
OUR COURSES OFFER
THE OPPORTUNITY
TO ENGAGE IN A
LIFE-CHANGING
EXPERIENCE.



BUSINESS

PROGRAMMES PROVIDE GREATER EMPHASIS ON ENSURING YOU HAVE SKILLS AND EXPERIENCE FOR EMPLOYMENT. YOUR EXPERIENCE ON A UWS BUSINESS SCHOOL COURSE WILL NOT ONLY BE ENJOYABLE BUT WILL PROVIDE YOU WITH AN UNDERSTANDING OF ALL ASPECTS OF BUSINESS WHILST BUILDING CONFIDENCE AND ABILITY.

Throughout your studies we will put an emphasis on ensuring you have industry-relevant skills; that you take part in enterprise based activity; and that you also become better informed as a “globally aware citizen.” Everything we do must be seen in a global context nowadays, whether it’s working for a local business, charity, public sector body or multi-national company.

Technology is also a significant feature in terms of everyday life as well as in organisations. Our courses will look at and make use of technology, with a view to better understanding and applying technology and its impact on business. Overall we strive to provide you with the opportunity to develop your knowledge, skills, leadership and team-working capabilities.

All of these opportunities are there for you, with the support of our staff.

There are ten undergraduate programmes* in the Business School, all offering a rich experience:

- BAccountancy
- BA Business
- BA Business and English Language (for direct entry to third year)
- BA Event Management / Event Management and Tourism
- BA Hospitality Management (for direct entry to third year)
- BA Human Resource Management
- BA Law
- BA Leadership and Management (for direct entry to third year)
- BA Marketing
- BA Retail Management (for direct entry to third year)

*(Please note at the time of print, due to the recent review and up-date of Business School programmes, courses are offered subject to final University approval).

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Entry requirements

Higher BBBC including English, plus Maths @ 5 Grade.

A-Level CCC, plus three GCSEs including English and Maths.

Year 2 Advanced entry with HNC in a relevant business subject.

Year 3 Advanced entry with HND in a relevant business subject.

Direct entry

Students entering after Year 1 will be given advice about the degree options available to them, which depend on study previously undertaken, and on possible work experience options. Direct entry students should contact our **Undergraduate Admissions Officer**, Dr Adrian Lavercombe, e-mail uni-direct@uws.ac.uk or tel **0141 848 7044** (44 141 848 7044 outwith UK)

BA LEADERSHIP AND MANAGEMENT

In order for the UK to compete effectively on the world stage it is recognised there is a need to improve leadership and management in the private, public and voluntary sectors. The BA Leadership and Management programme has been designed to address this issue. Combining formal degree study with the application of learning in the workplace, this on-line degree can be studied on a full or part-time basis. Students on this programme must be in suitable employment with supervisory and team leadership responsibilities (UCAS: NN21 P BA/LM).

Contact Dr Adrian Lavercombe, Undergraduate Admissions Officer, for more details on 0141 848 7044 or email uni-direct@uws.ac.uk

For more details on the programmes check out www.uws.ac.uk/business

ABOUT THE BUSINESS SCHOOL

By choosing to study at UWS Business School you will benefit from our high-quality education, training, research and consultancy, all with a real-world, vocational emphasis.

The breadth of our experience, quality of courses and our commitment to students allow us to play an important role in helping to develop business excellence in our communities. The feedback and performance of our graduates speaks for itself. Our graduates have been hired by some of the country’s top organisations.

We have developed core activity in internationally recognised, business-related research, which underpins curriculum development, teaching and learning, and staff development. In the 2008 government research assessment, UWS achieved representation in the highest possible (4*) rating in a number of areas – indicating quality that is world-leading in terms of its originality, significance and rigour.

We have also built a reputation for quality in consultancy. We work with many of the UK’s top companies on a variety of activities, from providing learning programmes for their staff to organising work experience for our students.

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

“With my degree I hope to boost my chances of employment. University has given me time to study in greater detail subjects that I enjoyed at school and given me the relevant knowledge to apply for jobs in areas that I’ll enjoy working in. The people that I’ve met at UWS are great fun and would go to any length to help you if needs be!”

Clare McClory

Business School student

OPPORTUNITIES FOR YOU

Placement

At the end of Year 2, and depending on programme choice, you may be able to undertake a year's industrial placement either before entry to – or as a replacement for – Year 3.

Study abroad

All students have the opportunity to spend time studying abroad, gaining credit towards their degree, at one of our 80 partner institutions.

Get involved

By choosing to come and study with us you can engage in exciting activities including:

- The annual "Ideas in Enterprise Competition." Students have the opportunity to then submit to the national Scottish Institute for Enterprise competition.
- We are currently the only UK university which has an agreement with the Prince's Trust to promote and support self-employment and business creation amongst young people.
- The UK IBM Business Challenge in which UWS has been successful in reaching the final stages on a number of occasions.
- The recently established "business incubator" at our Hamilton Campus for students to get free access to facilities and support.
- Some of our graduates go on to participate in UWS supported Knowledge Transfer Partnerships – KTPs.
- The Business School has part-sponsored students to go to Budapest to compete in the Markstrat business simulation game.
- Business School students also have the chance to take part in the annual MicroTyco team game. All teams are given a microloan of £1 and set the challenge of turning this into as much money as possible within one month.

We're committed to your success. Our aim is to give you the practical skills and knowledge to be highly effective in your chosen career. We want to help you develop the skills and attitude of mind to be a leader, ready to tackle challenges and to adapt in an ever-changing world.

For more information and case studies of other students' experiences please visit www.uws.ac.uk/business

"I joined UWS after working for several years in a variety of industries. I've really enjoyed my degree and the support I've had from staff, particularly for my dissertation. In my third year I was able to attend Mercer University in the US, on an exchange programme, where I studied operational management to complement my UWS studies. My course has given me a broad range of skills which together with my previous work experience has meant that I've been successful in securing a management trainee position with Mars UK Ltd when I graduate. There were a huge number of applications for the post, so I'm really pleased with the result."

Jacqueline Bell
Business School graduate



BUSINESS Accountancy

ACCOUNTANTS ARE IN DEMAND IN JUST ABOUT EVERY BUSINESS SECTOR ALL OVER THE WORLD. THIS PROGRAMME OFFERS YOU THE NECESSARY ACADEMIC GROUNDING, AS WELL AS WORK PLACEMENT OPPORTUNITIES, TO ENABLE YOU TO MEET THE CHALLENGES OF THIS DEMANDING AND STIMULATING SECTOR.

The programme covers the full range of accountancy subjects from financial and management accounting to financial management, taxation, auditing and ancillary areas ensuring you acquire the necessary specialist and generic transferable skills relevant to a career in the field of accountancy.

Modules are delivered by a core teaching staff of qualified professional accountants and academics. This enhances your employability by offering a good balance between practical and theoretical knowledge. The opportunity to pursue an optional work placement will also enable you to boost your CV by working in blue chip companies and chartered accountancy firms throughout the UK.

Accountancy is a great all-round business degree which opens up opportunities in finance and if you look at the top management in any organisation, accountants figure heavily.

COURSE CONTENT

YEAR 1

You will undertake a range of accountancy subjects, such as financial and management accounting as well as more general modules where accountancy is put into perspective in the business world.

YEAR 2

Year 2 develops financial and management accounting and introduces specialised areas of accounting such as personal tax and financial management.

OPTIONAL SANDWICH PLACEMENT

As part of your BAcc degree you can apply for a sandwich placement in an appropriate business setting between Years 2 and 3. This provides a year's work experience, which considerably enhances your employability. It also gives you the opportunity to develop skills and to acquire valuable experience that will facilitate better understanding of the academic aspects of your programme in succeeding years.

In the past, students have found placements in a wide range of companies in Scotland as well as in the rest of the UK.

UCAS

Ayr

N400 A BAcc/A

Hamilton

N400 H BAcc/A

Paisley

N400 P BAcc/A

Campus

Ayr (Year 3 only),
Hamilton, Paisley

Duration

BAcc 3 years

BAcc Sandwich 4 years

BAcc Hons 4 years

BAcc Hons (Sandwich) 5 years

Entry

See page 36

Contact

Dr Adrian Lavercombe
Undergraduate Admissions
Officer

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

NB Year 3 entry to this UWS programme is also offered at Kilmarnock College and South Lanarkshire College under our partnership agreements. (UCAS: N400 K BAcc/A (Kilmarnock College); N400 L BAcc/A (South Lanarkshire College))

NB Due to a recent up-date of Business School programmes, at the time of print, this programme is subject to final University approval.

More information on this programme can be found at www.uws.ac.uk/business

YEAR 3

In Year 3 financial and management accounting are studied at a higher level and tax is extended to businesses. Auditing is also introduced as another core module and together these allow you to gain excellent practical and theoretical knowledge.

YEAR 4

In the Honours year you will complete a dissertation on your choice of subject as well as looking at the development of accounting standards and contemporary issues in accounting. Optional modules include accounting theory and history and international finance.

PROFESSIONAL EXEMPTIONS

You can take professional exams with the main accountancy bodies such as ICAS, and ACCA for which the maximum exemptions are in place, although you should note that direct entry into advanced levels of the BAcc may have an impact on exemptions from professional examinations available to individual graduates. Contact the Admissions Officer for more information. You can also use your degree as a launchpad into general business or finance and perhaps look at other professional exams such as Chartered Institute of Bankers. At the time of print, additional accreditation for the course is also being sought from CIMA.

A work-based placement may be available as part of your business programme.

BUSINESS Business

THIS DEGREE GIVES YOU THE OPTION TO STUDY FOR A GENERAL BUSINESS DEGREE OR TO SPECIALISE IN A PARTICULAR AREA SUCH AS MARKETING, HRM, FINANCE OR RETAIL MANAGEMENT.

This is a newly developed degree which builds on existing provision at a number of our campuses. The main features of the course are:

- a flexible core framework
- an excellent grounding in the business and enterprising skills valued by employers
- placement opportunities with local employers
- learning in (and from) the workplace
- talks from, and visits to, local and national employers
- varied assessment formats, including examinations, coursework, presentations, case studies, portfolio building
- a strong basis for further study

COURSE CONTENT

YEAR 1

The programme will give you a broad-based, integrated perspective on business life and as you move through the degree your perspective will move, from an operational level to a strategic one. You can pursue a broad range of subjects or concentrate on a specialist area. In addition to lectures and tutorials, there are group based activities

in the programme, including a computer-based business simulation that requires your group to run a business and face the consequences of their decisions!

You will be introduced to key areas of the business environment. This will include examination of the various functions within a variety of organisations, as well as the differing business sectors.

YEAR 2

In Year 2, you will develop skills and knowledge across a range of business disciplines. You will also gain relevant practical skills in communication techniques, time management, and presentation, that will prove invaluable in your future career in any area of business.

YEAR 3

In Year 3, you will develop an understanding of the complex issues at work in the general and specialist areas of business and learn how to research business topics effectively.

UCAS

Ayr

N100 A BA/B

Dumfries

N100 D BA/B

Hamilton

N100 H BA/B

Paisley

N100 P BA/B

Campus

Ayr, Dumfries, Hamilton, Paisley

School

Business

Entry

See page 36

Duration

BA 3 years

BA Hons (Sandwich) 4 years

Contact

Dr Adrian Lavercombe

Undergraduate

Admissions Officer

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

NB Due to a recent up-date of

Business School programmes,

at the time of print, this

programme is subject to

final University approval.

More information on this

programme can be found at

www.uws.ac.uk/business



YEAR 4

In Year 4, you will undertake a dissertation in an area of your choice in conjunction with further study in your specialist area and learn why ethics are a critical factor in modern business decision-making.

CAREER PROSPECTS

Typical jobs will include financial services consultant, human resource manager, marketing manager and retail manager.

A work-based placement may be available as part of your business programme.

BUSINESS

Business and English Language (3rd year entry)

THE BA BUSINESS AND ENGLISH LANGUAGE PROGRAMME PROVIDES A BLEND OF ESSENTIAL UNDERSTANDING OF BUSINESS TOPICS WITH TAUGHT ENGLISH LANGUAGE SKILLS, AIMED AT STUDENTS FOR WHOM ENGLISH IS NOT THEIR FIRST LANGUAGE.

This course provides an opportunity for direct entry to Level 9 (the degree year) to study a mixture of English language and business modules. You will study six modules over two trimesters. In Trimester 1 you will undertake two modules in English Language focusing, in particular, on English language for business. These modules will be complemented by one module covering a core business subject. In Trimester 2 you will study two business modules and one English language module, to gain advanced understanding of both business and English language for business purposes.

This programme draws upon the Business School's expertise in providing students with skills required for employment, in team development, leadership and essential personal development. There will be practical elements to this course providing you with real-life experience and the opportunity to develop your business knowledge and skills. Through case studies and access to guest speakers from industry you will also gain added insight into the business world and enhance your learning and development.

The business topics covered on the course will provide you with a strong base for working in a range of organisations and give you a good understanding of the issues facing local, national and international companies. Through English language study in small groups you will have the opportunity to refine and expand your knowledge and understanding with a particular emphasis on English language for business. In today's global context, a clear and robust understanding of the language of business and fluency in spoken and written English are important. This course will give you an excellent basis for engaging in international business activities in a wide range of organisations and prepare you to enter the employment market.

UCAS

Ayr
NQ13 A BA/BEL
Paisley
NQ13 P BA/BEL

Campus
Ayr, Paisley

School
Business

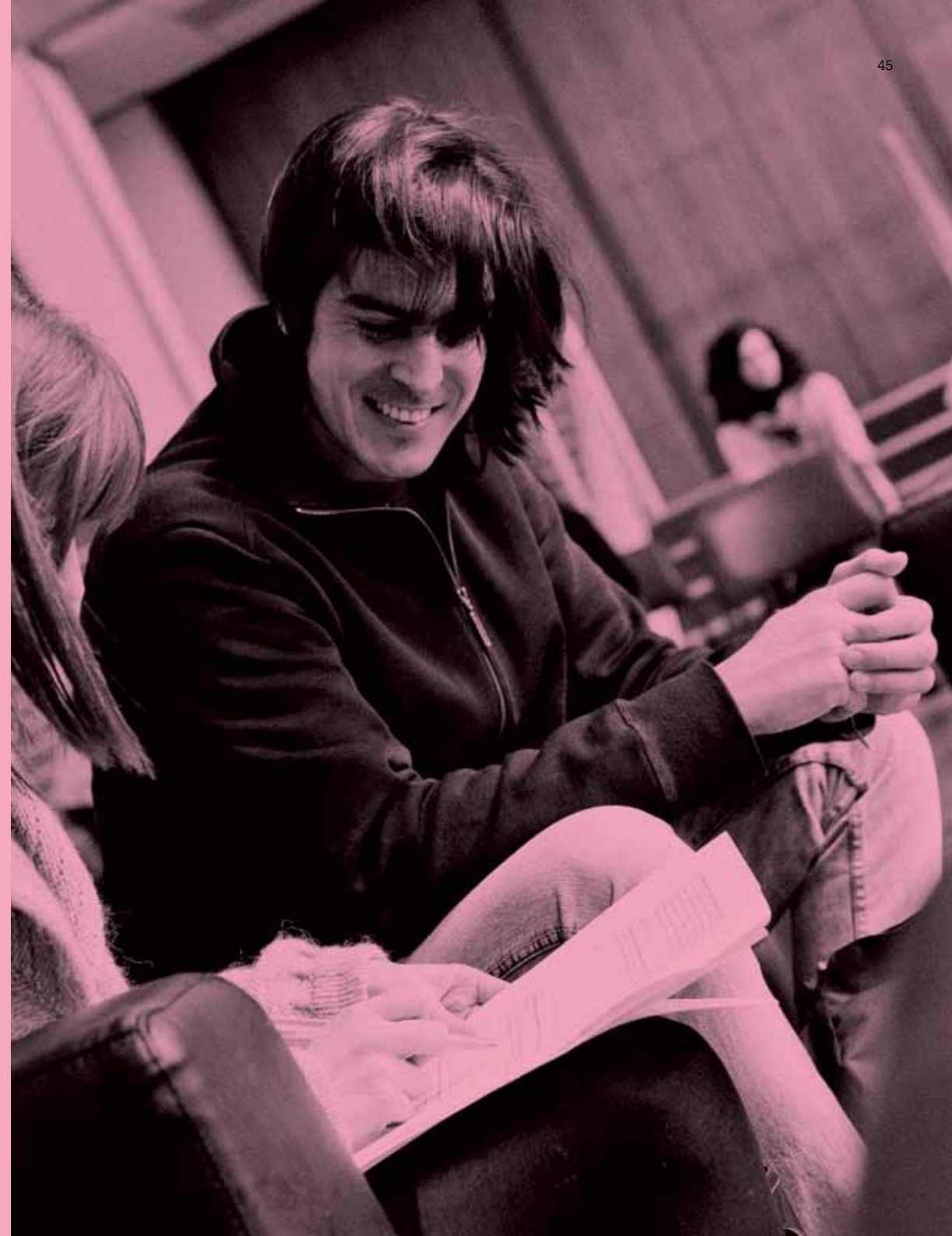
Entry
See page 36

Duration
BA 1 year

Contact
Dr Adrian Lavercombe
Undergraduate
Admissions Officer
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

NB Please note due to a recent up-date of Business School programmes, at the time of print, this programme is subject to final University approval.

More information on this programme can be found at www.uws.ac.uk/business



BUSINESS

Event Management/Event Management and Tourism (3rd year entry)

GRADUATES IN EVENTS AND TOURISM WORK IN A RANGE OF SECTORS. THESE DEGREES ARE DESIGNED TO GIVE YOU THE ESSENTIAL KNOWLEDGE AND PRACTICAL EXPERIENCE TO BUILD A CAREER IN THESE VARIED AND EXCITING AREAS.

Scotland is renowned for its festivals. The Edinburgh Festival, T-in-the-Park and Celtic Connections are globally recognised and the need for effective event management in the business, tourism and hospitality sectors is growing.

EVENT MANAGEMENT

The programme includes elements relating to the development of operational skills across a range of sectors, as well as project management, legislation and risk management. A special feature will be the close liaison with industry leaders and professional bodies/trade associations in the events industry such as ABPCO and Eventia.

COURSE CONTENT

EVENT MANAGEMENT

YEAR 1

In addition to other business subjects you will explore the background to the event industry and gain an understanding of event management processes through an introductory Event Management module.

YEAR 2

Event management knowledge and understanding are expanded. Additionally, as part of a group you will organise the planning, implementation and evaluation of a live event.

YEAR 3

You will study more specialised event management subject areas. Another exciting opportunity will be the creation of a business plan for an event organisation. Research skills are developed through a research methods module which will be delivered within an event management context as will your appreciation of the strategic aspects of event management through a case study of Event Scotland.

YEAR 4 (HONOURS)

All students will complete a dissertation in the Honours year. Further specialised study includes: the comparison of international events, and event risk management and safety. In addition you will also be asked to reflect on your experiences gained so far and capture this in a portfolio.

UCAS

Event Management
(Hamilton) N820 H BA/EM
(Paisley) N820 P BA/EM

Campus

Event Management
Hamilton, Paisley

School

Business

Entry

See page 36

NB Year 2/3 entry

Students holding a relevant HNC or HND in a related Business, Event or Tourism subject area may be eligible for direct entry in to the second or third year of the programme.

Duration

BA 3 years

BA Hons 4 years

Contact

Dr Adrian Lavercombe
Undergraduate
Admissions Officer
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

NB Please note due to a recent up-date of Business School programmes, at the time of print, this programme is subject to final University approval.

More information on this programme can be found at www.uws.ac.uk/business

EVENT MANAGEMENT AND TOURISM (THIRD YEAR ENTRY ONLY)

This Joint degree programme will be available for applicants with a complete HND in Tourism or related subject areas to join the 3rd year. It considers the nature and scope of the events and tourism industries; the roles of the hospitality sector, visitor management, travel and transport and their relationship to event destination development. Global issues in relation to these growing industry sectors will also be explored. The programme will prepare students for careers in the creation and management of events, supporting economic development within hospitality, environmental, social and cultural enterprises.

UCAS

Event Management and Tourism
N890 P BA/EMT

Campus

Event Management and Tourism
Paisley

School

Business

Entry

See page 36

Duration

BA 1 year

BA Hons 2 years

Contact

Dr Adrian Lavercombe
Undergraduate
Admissions Officer
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

NB Please note due to a recent up-date of Business School programmes, at the time of print, this programme is subject to final University approval.

More information on this programme can be found at www.uws.ac.uk/business

BUSINESS

Hospitality Management

(3rd year entry)

AS A HOSPITALITY MANAGEMENT GRADUATE YOUR EMPLOYMENT PROSPECTS ARE EXCELLENT AS THIS SECTOR CONTINUES TO GROW IN IMPORTANCE AS ONE OF THE WORLD'S HIGHEST PRIORITY EMPLOYERS. THE GLOBAL TOURISM AND HOSPITALITY INDUSTRY IS FORECAST TO GROW ON A GLOBAL SCALE BY 4.4% PER ANNUM FOR THE NEXT 10 YEARS, AND EXPECTED TO SUPPORT OVER 300 MILLION JOBS WORLDWIDE BY 2020, SO THIS TREND IS SET TO CONTINUE IN THE FUTURE.

Based at our new state-of-the-art Ayr Campus, you will be studying Hospitality Management in the heart of one Scotland's key destinations for business and leisure tourism. Combining robust academic studies with our strong links with key players in the hospitality industry, from large multinational organisations like Starwood Hotels to small family run businesses, you will experience a wide range of learning experiences both in the classroom and in the field.

The specialist and focused nature of this one year degree programme has been designed specifically to enable students with an appropriate HND qualification to achieve a BA Hospitality Management degree in one academic session. The six modules have been designed to build on prior learning and progress to support development across the subject area.

COURSE CONTENT

HOSPITALITY

MANAGEMENT OPERATIONS

Hospitality environment, supply side trends and issues are the focus of this module, providing a strategic overview of the sector followed by detailed coverage of key hospitality operations.

CONFERENCE AND BUSINESS TOURISM

Different sectors of the conference and business tourism industry will be explored in this module.

HOSPITALITY

MANAGEMENT SKILLS

This module focuses on developing the essential skills and attributes necessary for successful managers working in the hospitality sector.

MARKETING THE

HOSPITALITY EXPERIENCE

Market trends and demand side factors are at the core of this module. The shifts towards a more relationship marketing approach will be explored.

UCAS

N862 A BA/HM

Campus

Ayr

School

Business

Entry

See page 36

Duration

BA 1 year

Contact

Dr Adrian Lavercombe

Undergraduate

Admissions Officer

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

More information on this programme can be found at www.uws.ac.uk/business

CULTURE, HOSPITALITY AND TOURISM

Internationalisation, globalisation and managing cultural diversity are the themes of this module.

HOSPITALITY PROJECT

In this module students will develop their research and communication skills by undertaking an in-depth independent study project

BUSINESS

Human Resource Management

PEOPLE ARE CRUCIAL TO THE SUCCESS OF ANY ORGANISATION. HUMAN RESOURCE PRACTITIONERS PLAY A KEY ROLE NOT ONLY IN MANAGING PEOPLE BUT ALSO IN THE PERFORMANCE OF TODAY'S ORGANISATIONS. IF YOU THINK YOU CAN BRING OUT THE BEST IN PEOPLE, THIS DEGREE COULD BE IDEAL FOR YOU.

Managing people is at the heart of business. The BA Human Resource Management (HRM) programme provides you with the skills and knowledge to operate successfully in a professional capacity in HRM. The course covers specialised areas of human resource and general business and management which ensures that you have the flexibility to pursue a generalist management or specialist HR role.

COURSE CONTENT

YEAR 1

Students are introduced to the study of Human Resource Management (HRM), developing an awareness of the contribution of HRM to organisations. In addition, students will gain an overview of other key business disciplines.

YEAR 2

From Year 2 onwards, your knowledge and understanding of HRM is developed through the study of core topics. You will also study additional subjects that are important in the management of people in organisations and develop key personal and interpersonal skills.

YEAR 3

This year you will study the core HRM topics of performance and reward management and employee relations. In addition you will study business subjects and develop key research skills.

YEAR 4 (HONOURS)

This year you will undertake an Honours dissertation investigating a key HRM issue. In addition, you will continue to study core HRM subjects.

CAREER PROSPECTS

The specialist knowledge and applied HRM skills will equip you to pursue a career within an HRM function, while the business modules will provide you with the skills to begin your career in general management at a junior graduate entry position. Recent HRM graduates are now employed in organisations such as Ford, Scottish Power, Tarmac, Motorola, IBM, Scottish Enterprise, various local councils and the NHS.

UCAS

N600 P BA/HRM

Campus

Paisley

School

Business

Entry

See page 36

Duration

BA 3 years

BA Hons 4 years

Contact

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More information on this programme can be found at www.uws.ac.uk/business

PROFESSIONAL ACCREDITATION

At the time of writing, accreditation is being sought for the BAHRM by the Chartered Institute of Personnel and Development (CIPD).

A work-based placement may be available as part of your business programme.

BUSINESS Law

IN THIS PROGRAMME, STUDENTS CONSIDER SOURCES OF LAW; THE WORKINGS OF THE SCOTTISH LEGAL SYSTEM; AND A RANGE OF SPECIALIST AREAS OF LAW.

Beyond legal knowledge, students develop skills in legal research and practical problem-solving, becoming familiar with processes of critical thought. Students develop generic and specialist transferable skills relevant to both a career in law and in the wider business sector.

The programme seeks to offer undergraduates a demanding programme of study. Students will benefit from a range of teaching methods and will build a portfolio of key personal and employability skills. There is also an opportunity to undertake placement as part of this degree.

COURSE CONTENT

YEAR 1

Students take core package modules, such as Criminal Law and Principles of Contract. They also choose an option from another programme of study.

YEAR 2

The Law of the European Union is the core module. Otherwise, students choose from subjects such as Business Law, Consumer Law and Family Law.

YEAR 3

Legal Research Methods is the core module. It is studied along with modules such as Employment Law; Media Law; Law of Evidence; and Law of Delict.

YEAR 4 (HONOURS)

All students will complete an Honours dissertation, and study such modules as Advanced Criminal Law, Advanced Family Law Concepts and Environmental Law.

CAREER PROSPECTS

In our experience, graduates have found employment in a wide range of areas, including: citizens advice, trading standards, paralegal work, accountancy, human resources, the civil service, local government, legal publishing, academia, public boards and authorities, the police force, banks, insurance companies, finance companies, manufacturing and trading organisations. The programme also provides students with valuable knowledge and skills that may be used to seek further professional legal qualifications.

UCAS

Hamilton
M100 H BA/Law
Paisley
M100 P BA/Law

Campus

Hamilton, Paisley

School

Business

Entry

See page 36

Duration

BA 3 years
BA (Sandwich) 4 years
BA Hons 4 years
BA Hons (Sandwich) 5 years

Contact

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More information on this programme can be found at www.uws.ac.uk/business

A work-based placement may be available as part of your business programme.



BUSINESS Marketing

MARKETING PLAYS A FUNDAMENTAL ROLE IN THE MODERN BUSINESS WORLD - IN FACT, IT CAN BE CRITICAL TO THE SUCCESS OR FAILURE OF AN ORGANISATION.

The UWS Marketing degree promotes a critical awareness of the international environments in which marketing professionals operate, across both commercial and not-for-profit sectors. It is designed to give students an invaluable mix of generic business and specialist marketing skills which will be transferable and relevant in a wide range of working environments.

The course is taught by marketing experts, allowing students to benefit from their experience and perspective which ensures UWS graduates are well-equipped to successfully enter a career in marketing.

COURSE CONTENT

Our innovative course content covers:

- Foundations of Marketing
- Marketing Communications
- Business Law
- International Marketing
- Consumer Behaviour
- Business Research Methods
- Marketing and Business Planning
- Strategic Marketing Management
- Honours Dissertation

PLACEMENT OPPORTUNITIES

There will be the chance to undertake placement as part of this programme. Previous placements have included IBM, Visit Scotland, TNS (London) and Hewlett Packard. The UWS Employability Link actively works with employers to help secure placement for UWS students.

CAREER PROSPECTS

Students should expect to have acquired a range of theoretical and practical skills which will enable them to develop their careers in a diverse range of sectors. During the course, students will have participated in a number of practical projects designed to hone their marketing expertise. Graduates can expect to present potential employers with extensive knowledge in the marketing subject area, as well as a broad understanding of the business environment. In addition, graduates will have developed a range of interpersonal abilities, such as presentation techniques and the ability to work in teams and autonomously when required, as well as project management, selling and negotiating skills.

Previous marketing graduates are now working with organisations such as Doosan Babcock, O2, advertising and PR companies, Glasgow City Council and a

UCAS

N500 P BA/Ma

Campus

Paisley

School

Business

Entry

See page 36

Duration

BA 3 years

BA (Sandwich) 4 years

BA Hons 4 years

BA Hons (Sandwich) 5 years

Contact

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Undergraduate

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NB Please note due to a recent up-date of Business School programmes, at the time of print, this programme is subject to final University approval.

More information on this programme can be found at www.uws.ac.uk/business

Part-time option also available. Contact University Direct **0141 848 7044** uni-direct@uws.ac.uk

variety of e-Marketing companies, whilst other marketing graduates, using the skills and knowledge they developed at UWS, have started their own businesses in a variety of interesting fields. Graduates may also seek postgraduate study opportunities.

PROFESSIONAL RECOGNITION

Students, on completion of their studies, are encouraged to join the Chartered Institute of Marketing and strive towards Chartered Marketer status.

A work-based placement may be available as part of your business programme.

BUSINESS

Retail Management

(3rd year entry)

THE RETAIL MANAGEMENT DEGREE HAS BEEN DESIGNED TO PROVIDE A SPECIALIST EDUCATION FOR A PROFESSION IN RETAIL MANAGEMENT, AN INDUSTRY WHICH GENERATES OVER £280 BILLION IN SALES PER YEAR, CONTRIBUTES TO AT LEAST 8% OF THE GROSS DOMESTIC PRODUCT OF THE UK AND EMPLOYS NEARLY 3 MILLION PEOPLE. ^

The course combines a thorough grounding in the areas of business alongside specialist modules covering Retail Strategy and International Retailing. You will also develop transferable skills and knowledge in communication and presentation skills which employers have identified as being essential for the retail professional.

The International Retailing module enables students to explore the pertinent issues within international retailing. Students will cover the trends in retailer internationalisation, the driving forces behind internationalisation and strategies for internationalisation.

Retail Strategy aims to develop students' knowledge of the strategic direction leading retailers undertake. An appreciation of the importance of strategy and its relationship with tactical decisions is a key feature of this module.

Areas that will be covered include the growth of international retailing, format, brand, methods of entry, investment, globalisation and competitive advantage.

CAREER PROSPECTS

There are career opportunities available in general store management positions in addition to more specialised functions of buying, sales, operations and merchandising.

UCAS

Hamilton
N240 H BA/RM

Paisley
N240 P BA/RM

Campus
Hamilton, Paisley

School
Business

Entry
See page 36

Duration
BA 1 year

Contact
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NB Please note due to a recent up-date of Business School programmes, at the time of print, this programme is subject to final University approval.

More information on this programme can be found at www.uws.ac.uk/business

^Source: British Retail Consortium



COMPUTING

INNOVATIVE AND
CAREER-FOCUSED
PROGRAMMES
IN A RANGE OF
EXCITING SUBJECTS.



COMPUTING

Degree Title	Ayr	Dumfries	Hamilton	Paisley
Business Technology				•
Computer Animation				•
Computer Animation with Digital Art				•
Computer Animation with Games Development				•
Computer Animation with Multimedia				•
Computer Games Development	•		•	•
Computer Games Technology				•
Computer Networking	•		•	•
Computing	•	•	•	•
Information Technology	•	•	•	•
Multimedia Technology	•			•
Music Technology				•
Web Development				•
Computing/Multimedia with Mobile Development				•
Cert/Dip HE Computer Animation & Multimedia	•			
Cert HE Web Authoring	•			

CAMPUS FACILITIES

The School of Computing has a range of specialist and generalist laboratories. Specialist laboratories/facilities include:

- games development laboratories
- virtual environment project laboratory
- an IBM-supported 'Super Computer Cluster'
- audio mastering facilities
- Cisco supported network laboratories
- animation studio facilities
- industry standard software for the games, music technology, networking and animation areas

INDUSTRY EXPERTISE

Seminars and guest lectures from industry professionals give students the opportunity to gain a unique insight into industry. Visiting lecturers have included business and e-business consultants, representatives of web development, music and animation companies, as well as staff from Sony Computer Entertainment Europe and Blackrock Studios.

PROFESSIONAL RECOGNITION

Most of our degree programmes are approved by the British Computer Society. In addition, the Computer Games Technology programme is currently one of only two games development degrees in the UK with full accreditation by Skillset, the Sector Skills Council for the Audio Visual Industries in the UK.

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Computing	76
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Information Technology	80
Multimedia Technology	82
Music Technology	84
Web Development	88
Web Authoring CertHE	86

RESEARCH AND INDUSTRIAL COLLABORATION

We have a proven track record in knowledge and technology transfer in the form of applied research, training and consultancy:

- a growing number of partnerships secured with small to medium sized enterprises, for whom we have addressed and solved problems relevant to industry and commerce. This successful collaboration with industry is currently being extended to include multi-national companies
- the School is the lead partner in the Scottish Centre for Enabling Technologies (SCET). Having exceeded all the targets set by the Scottish Government and Chamber of Commerce and in recognition of this achievement, extra funding has been secured for its future operations. The School is also a key participant in the Skillset-accredited UWS Media Academy
- our IT Academy is a leading training provider in the field of IT. Well-equipped facilities and experienced, qualified staff facilitate the successful delivery of an extensive portfolio which includes authorised training for Cisco, Microsoft, CIW, SAP, Oracle, Linux, Adobe and CompTIA to name but a few. Programmes are built around current industry-recognised certification with courses offered day-time, evening and also in online formats which enable thousands of students to combine work and family commitments with university study
- our research achieved representation, denoting international standing, in the 2008 Research Assessment Exercise
- we have a successful track record in attracting external income from providers within and outwith the UK; have had a continuous presence in Europe for a number of years through involvement in a variety of multi-national projects; and have been included in an EU network of excellence in Computer Games

CREATIVE TECHNOLOGIES

This is a major growth area encompassing computer games, animation and music technology which have become core areas of development for the University, attracting over £1.2 million of inward investment to facilitate partnership with industry.

An important part of a student's development for those aspiring to work in the creative industries is discovering what employers want from graduates. As well as inviting creative industries practitioners to give guest lectures we encourage students to take part in and attend festivals and conferences (such as the Animex International Festival for Animation and Computer Games) to gain first-hand knowledge of what industry expects.

"The BSc (Hons) Computer Games Technology taught me everything I needed to know. Before the course, I literally hadn't even written a piece of code, but I quickly learned. I wouldn't have the job I have today without my degree."

Barry Wood
Regular Programmer
at Blitz Games Studio

"Using industry standards, Skillset has approved courses enabling the industry to identify a good source of graduates and to help potential new entrants find credible routes into the industry."

Ian Livingstone
Eidos Interactive

We also run an annual Digital Futures event in which students have the chance to showcase their work to invited representatives from industry.

COMPUTER GAMES

The Skillset-accredited BSc Computer Games Technology programme produces games developers for the console market (for example, PS3 and Xbox360). BSc Computer Games Development prepares graduates for the casual games market.

COMPUTER ANIMATION

Our degrees in Computer Animation are designed to meet the the demand for skilled graduates in the creative industries. Our Computer Animation graduates are well-equipped to work in a number of areas including games, animated films, special effects, virtual environment and product display design.

MUSIC TECHNOLOGY

Music Technology aims to produce audio specialists who can apply technology to the creation, recording and processing of audio in the creative industries including music, multimedia, film, audio visual installations, animation and games. We have two recording studios featuring analogue and digital processing and mixing. We also have a dedicated Macintosh computing laboratory running industry-standard software including Logic and Pro-Tools. Students are trained in Live Sound Reinforcement skills and techniques, which are central in supporting live shows. Our students are actively encouraged to participate in external activities in order to apply learning to the real world.

Other programmes in Creative Technologies include Multimedia Technology, Web Development and a new Minor in Mobile Development, which teaches you how to develop applications for mobile devices such as the iPhone and Blackberry.

APPLIED COMPUTING

Development of applications is a dynamic and exciting area at every level of computing from mobile devices to enterprise systems and social networking. Everyone is now a user of computing technology and networked systems, and the opportunities for employment for suitably-qualified graduates continue to increase. UWS students have an unparalleled opportunity to study the latest hardware and software systems, development environments and programming technologies and can gain professional certification within their courses as a result of our strong collaborations with suppliers such as Microsoft and Cisco. Our graduates can enter the employment market with the skills and knowledge that employers need in their companies.

"In the games industry no-one can afford to stagnate. We have to keep moving, just to keep up with the technology, let alone the market. We need fresh ideas from those entering the industry, as well as a good solid understanding of how game development works. It's great to see courses, such as the one run by the University, striving to provide us with the new talent we need."

Dave Ranyard

Audio Manager London
Studio Sony Computer
Entertainment Europe

SUCCESS IN BUSINESS COMPUTING

The business sector has a growing need for graduates with sound business knowledge coupled with the necessary expertise to exploit modern software and IT applications. Distinct from computer programming, this area focuses on how to analyse and propose innovative solutions to business problems while taking advantage of leading-edge technologies. Students study subjects that span business and modern technologies and have access to the latest industry-standard business software and application tools as a result of our partnerships with Microsoft and other IT providers.

"While reading through various prospectuses, the UWS Computer Animation programme really stood out and this made me apply. I hope to work in the gaming industry or in television and film. Japanese film-maker Hayao Miyazaki's work and his award-winning anime have been a big influence on me and have really shaped my interests in animation."

Leanna Leung

UWS Computer
Animation Student

COMPUTING

Business Technology

THE BUSINESS TECHNOLOGY DEGREE HAS BEEN DESIGNED TO MEET THE NEEDS OF SMALL AND MEDIUM-SIZED BUSINESSES. IT AIMS TO GIVE YOU THE KEY KNOWLEDGE AND SKILLS THAT WILL ALLOW YOU TO WORK IN ANY MODERN BUSINESS, MANAGING AND IMPROVING THE TECHNOLOGY THAT THE BUSINESS USES.

A recent industry survey reported 84% of small to medium-size enterprises (SMEs) could not operate their business without technology. This programme was introduced in response to the changing needs of the business and technology environment.

Industry has a recognised and growing need for graduates who can couple sound business knowledge with the necessary technical expertise to manage, maintain and improve the technology that is used in a modern business and to exploit modern software applications to power the business and drive its growth.

This degree is different from more traditional computing degrees because it does not focus on programming or other specialist technical skills. Rather, it aims to provide organisations with a key member of staff who has good all-round technical and business skills and who can therefore be employed in a key technical or business role, or indeed in both. This degree programme is influenced by the E-skills UK ITMB (Information Technology Management

for Business) syllabus and aims to prepare graduates for the technology challenges that face the modern businesses of today and tomorrow.

COURSE CONTENT

You will study subjects relating to technology and business in every year. Some of the modules on the Business Technology programme are designed around accredited material from organisations such as Microsoft which will give you exposure to in-demand concepts and skills that will enhance your employability. We also make extensive use of real-life case studies and projects. You will be able to go and visit companies and see business technology in action. Students may also have the chance to attend relevant conferences. In the past, students have attended conferences relating to mobile technology and to the use of technology within the public sector.

UCAS

G290 P BSc/BT

Campus

Paisley

School

Computing

Entry

Higher BBC preferably including English, plus Maths @ Standard Grade.

A-Level CC, plus three GCSEs including English and Maths.

Year 2 HNC in a business or IT related area.

Year 3 HND in a business or IT related area.

Duration

BSc 3 years

BSc (Sandwich) 4 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Tom Cairn

0141 848 7044

(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

YEAR 1

You will learn about the fundamentals of business and about the kind of technology that a modern small business uses. This will include learning about computer systems and how to support desktop PC users and also developing an understanding of the Internet and how it is used by small businesses to make them more effective.

YEAR 2

You will focus on the key areas of business technology that are considered vital to a small and medium-sized enterprise. Topics studied include business computer networks; web design and authoring; understanding business information and the use of databases; and how to analyse, innovate, propose and procure business technology requirements and solutions. You will also undertake a small computing project as part of a multidisciplinary team of students which may involve direct interaction with a local small business.

YEAR 3

You will study more in-depth topics that focus on how to make sure that business technology is effective and brings value to a company. Topics studied include project management, business analysis and some of the most recent advancements in business technology such as business intelligence, wireless technology and the mobile enterprise.

YEAR 4 (HONOURS)

You will have the opportunity to demonstrate your ability to integrate business and technology aspects of the programme into a major, individual research project as well as studying more about key strategic level aspects of business technology.

PLACEMENT

You will also be able to take advantage of an optional 12-month paid placement in an organisational setting, either in the UK or abroad. These placements attract a significant salary and can be taken at the end of either Year 2 or Year 3.

CAREER PROSPECTS

This programme has been designed in partnership with industry. Modern businesses are looking for graduates with a good mix of business and technology knowledge and skills. Business Technology graduates will be very attractive to employers, so you will have excellent career prospects. In previous years, typical graduates have found employment with large organisations such as Hewlett-Packard as well as with many companies in the small business sector. Business Technology graduates should be able to operate in roles such as business analyst, project manager, technology manager, systems administrator, trainer, teacher, technology consultant, technical support manager and e- and m-business adviser within almost every business sector.

Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

COMPUTING

Computer Animation (with options in Digital Art/Games Development/Multimedia)

COMPUTER ANIMATION IS A GROWTH INDUSTRY, SEEING GREATER USE ON THE WEB, ON TV, AND IN MULTIMEDIA IN GENERAL.

The market for computer animation is a complex and dynamic one covering such areas as computer games (where income levels now exceed those generated by Hollywood box-office receipts), film and TV, product and architectural visualisation and the digital arts. Among the products of this sector is the rich, interactive content now available via the world wide web, the creation of special effects and computer generated imagery for film and advertising and the delivery of audio and video content to mobile telephones and similar devices. For individuals who wish to contribute and make an impact on this industry, there is a fundamental requirement of being able to use and adapt modern software applications for artistic purposes and to use highly creative approaches to problem-solving. The Computer Animation course has been designed to meet these objectives.

Computer Animation students can concentrate on animation by following a Single subject degree route or supplement their animation knowledge by combining animation with Digital Art, Games Development, or Multimedia. The Single subject Honours degree investigates a wider range of practical animation skills. The Computer Animation with Digital Art course incorporates a theme including video,

drawing for animation and art. The Computer Animation with Games Development course contains a theme on how games are designed, what factors contribute to the playability of computer games, and how animation is used in video games. The Computer Animation with Multimedia degree includes a theme on design, creating content and authoring for multimedia and techniques for delivering this content.

A range of project-led themes to establish the importance of Computer Animation and its role within its related disciplines is covered. Considerable time is spent on examining how visual images, first created on paper (2D), can be manipulated and enhanced using computer technology so that the final result (2D or 3D) can be delivered in an animated and potentially interactive form using digital media such as CDs and websites. Animation skills within the courses are developed using industry-standard software such as Autodesk Maya, Newtek Lightwave, Blender 3D and ZBrush.

Students are encouraged to network and attend conferences. The annual Animex International Festival of Animation and Computer Games conference is of particular interest to students as it offers an opportunity

UCAS

Computer Animation

GW46 P BSc/CA

Computer Animation with Digital Art

G4W2 P BA/CAWDA

Computer Animation with Games Development

WG66 P BSc/CAWGD

Computer Animation with Multimedia

G4WF P BSc/CAWM

Campus

Paisley

School

Computing

Entry

Higher BBC plus English and Maths at least @ 5 Grade.

Higher Art & Design, Graphic Communication or Photography preferred for Computer Animation. Higher Art and Design, Graphic Communication or Photography required for Computer Animation with Digital Art. Maths at Intermediate 2 or Higher at Grade C is preferred for Computer Animation with Games Development.

A-Level CC plus GCSE English and Maths. A practical art-related A-Level preferred for Computer Animation. A practical art-related A-Level required for Computer Animation with Digital Art.

Year 2 Only animation HNCs or HND with at least an introductory animation component.

Year 3 Only an animation HND or those with significant animation content.

NB: Applicants may also be required to submit a portfolio of artwork.

to meet with major industry players such as Pixar and Dreamworks and meet with students from other institutions. The University's Digital Futures events offer a platform for students to showcase their work and gain feedback from representatives in local industry.

A UWS degree in animation will be an indication to an employer that you have the self-discipline required to see projects through from beginning to end and be able to meet deadlines.

COURSE CONTENT YEARS 1 & 2

Students concentrate on the principles of animation, planning and practice. Animation skills are introduced and developed across both years along with video production. Students learn how computer tools can be used for artistic representation. Students work on 2D and 3D animation.

YEAR 3

The emphasis is on developing modelling and animation skills and on independent project work. Project work, including the production of a demo reel to demonstrate skills and ability for presentation to potential employers, is featured. Students also study character animation in greater depth, along with modelling and texturing.

YEAR 4 (HONOURS)

Students undertake a substantial project which offers the opportunity to create a piece of animated work that will

showcase their skills and assist them when seeking employment at the end of the course. Students also study digital effects for TV and film and virtual reality.

CAREER PROSPECTS

Graduates from this course will be able to work within a number of areas such as computer games, animated films, music videos, special effects, web design, product design and display. Not all graduates will go on to work in animation; some will work in other areas of multimedia and digital design. No matter what area, more and more animation is finding its way into general multimedia and web design and the skills developed during the degree will be useful in any of these related disciplines.

Duration

BA/BSc 3 years

BA/BSc Hons 4 years

Contact

John McQuillan

0141 848 7044

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uni-direct@uws.ac.uk

COMPUTING

CertHE Computer Animation & Multimedia / DipHE Computer Animation & Multimedia

THESE COURSES PROVIDE AN INTRODUCTION TO THE CORE SKILLS REQUIRED IN ANIMATION AND MULTIMEDIA RANGING FROM THE CREATIVE AND TECHNICAL SKILLS USED IN COMPUTER ANIMATION TO THE DESIGN, AUTHORIZING AND PRESENTATION SKILLS REQUIRED IN MULTIMEDIA.

The courses place a strong emphasis on the demonstration of practical skills, in particular in the use of industry-standard software tools such as LightWave, Flash and Toon Boom. These practical skills are underpinned by theoretical knowledge together with an understanding of employment in the animation and multimedia creative industry sectors.

Computer animation and multimedia are important aspects of the creative industries.

COURSE CONTENT

In Year 1 the course concentrates on the principles of animation and the design and creation of multimedia content for specific purposes. You are introduced to industry standard applications for the generation of animation, 3D models and multimedia content. A video module equips you with an understanding of framing shots, camera work and lighting which translates to the 3D virtual environment of animation software.

In Year 2 you will deepen your skills in 3D modelling and animation techniques and develop your understanding of the animation planning process. The multimedia theme will develop your skills in producing

interactive content using Adobe products such as Director and Flash. In addition, you will develop skills in key areas of multimedia production including video, audio and image editing.

CAREER PROSPECTS

Students will be equipped with a range of skills to seek employment in the creative industries sector. In particular, students will develop a solid basis of skills and knowledge for further study. There are articulation routes for successful Certificate and Diploma students into the BSc/BSc (Hons) Computer Animation with Multimedia at Paisley Campus.

UCAS

CertHE

GW4P A CerHE/CAM

DipHE

G454 A DipHE/CAM

Campus

Ayr

School

Computing

Entry

Cert HE C @ Higher plus English and Maths at least @ Standard Grade.

Dip HE CC @ Higher plus English and Maths at least @ Standard Grade.

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

Duration

Cert HE 1 year

Dip HE 2 years

Contact

Dr John Nixon

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

NB The CertHE Computer Animation & Multimedia is also offered at Stow College under our partnership agreement, (UCAS: GW4P S CerHE/CAM).



COMPUTING

Computer Games Development

THE FASTEST GROWING SECTOR OF THE COMPUTER GAMES INDUSTRY IS FOR CASUAL GAME-PLAYING ON MOBILE PHONES, TABLETS, INTERNET PAGES AND SOCIAL NETWORKING SPACES.

The huge growth in availability, use of new personal computing platforms and the consolidation of social networking spaces has created a major change in the computer games marketplace. In addition, faster and more easily available broadband has increased the exposure time, and moved personal gaming from the traditional living room or bedroom-based console or PC gaming model, to enable users to access games technology almost anywhere.

The games developer for these exciting new “everywhere and everyone” marketplaces must be flexible, talented, creative and entrepreneurial. The market demographic is potentially everyone with a smartphone, social networking account, or tablet computer, or whatever new technologies will appear in the next five years.

The new marketplace games developer must be willing to pick up skills, not just in the lecture theatre, but also in their own time and space, and to bring these into the assignments and tasks they are set.

We assess our games developers by the work they do: its creative content, technical correctness, market-awareness, design, production management and

a host of other professional skills. This degree is something new: it produces games developers, not just programmers, artists or designers.

We see you as a games developer from day one until you graduate and bring your own games into the market to be played. The programme introduces students to the complete product development lifecycle. It’s a practitioner’s degree that encourages students to be creative. Wherever possible public domain applications are used to ensure consistency while developing, whether you are working in a campus lab or from home.

Content will vary depending on the campus, for example Ayr offers digital art options and Hamilton specialises in entrepreneurship. Students have the option to travel between campuses if they have a particular interest in a subject area. During the programme students will be notified of events of interest. In the past, students have attended the Edinburgh Interactive – the international games festival.

UCAS

Ayr G610 A BSc/CGD

Hamilton G610 H BSc/CGD

Paisley G610 P BSc/CGD

Campus

Ayr (Years 1, 2 and 3 only)^

Hamilton (Years 1, 2 and 3 only)^

Paisley (all years)

School

Computing

Entry

Higher BBC plus Maths and English at 5 Grade.

A-Level CC plus three GCSEs including English and Maths.

Year 1 HNC in a related subject.

Year 2 HNC Computer Games Development; HND Computing; or HND Software Development.

Duration

BSc 3 years

BSc Hons 4 years

Contact

Dr John Sutherland

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

COURSE CONTENT

YEAR 1

In Year 1, you will study subjects that underpin computer games development. These include the games industry, games programming, professional issues in creative industries (e.g. intellectual property, team working) and Flash and animation for games and other creative industries. At the end of the year you will gather your best work into an e-portfolio based showreel to show to employers.

YEAR 2

In Year 2, you will deepen your understanding of the essential parts of games creation, including games design, website programming, and games development for mobile phones, interaction design, games employment and 3D games creation from engines. By the end of the year you will have a better showreel and be able to consider setting up your own games studio or taking an industry placement.

YEAR 3

In Year 3, the degree year, the major work is a year-long team development project to create a working 3D game for release and play by the wider public. All teams will be working on real games, using real games engines with the intentions of creating an employment-ready showreel on their e-portfolio. You will also study the social implications of video games and advanced web games creation techniques.

YEAR 4 (HONOURS)

In the final year the major task is a work-related project and dissertation, probably on a real, work-related issue of use in your games studio development work. This could be on a topic related to games engines, game design, engine programming, marketplace analysis, revenue modelling, etc. In addition, there is a range of modules offered such as learning games, and the direction of the creative industries.

CAREER PROSPECTS

The major games studios all have a strong interest in casual, portable, online and personal gaming platforms. However, they only employ the strongest and most business-aware graduates, as is ever the case in the games industry. This is why we emphasise the need, from the start, to work on real-world tasks and to create a strong e-portfolio and showreel, for which we supply a range of support websites. For many participants their principal interest is in setting up and running their own games studio, for which UWS provide strong support, not least through the course leader’s involvement in his own games studio. Staff have an in-depth knowledge of the jobs market and contacts with over two hundred games companies worldwide. The wide range of skills graduates leave with can be applied to a range of industries including mobile phone, PC games, animation or social networking.

^At time of print, the Honours year of study is not offered at Ayr or Hamilton campuses. Students wishing to take Honours will spend Year 4 at Paisley Campus. This is currently under review. Contact Admissions Officer for update.

COMPUTING

Computer Games Technology

OUR COMPUTER GAMES PROGRAMMES HAVE BEEN DESIGNED IN COLLABORATION WITH SOME OF THE UK'S TOP COMPUTER GAMES COMPANIES. THIS APPROACH HAS BEEN SUCCESSFUL, AND OUR COMPUTER GAMES TECHNOLOGY COURSE IS CURRENTLY ONE OF ONLY TWO GAMES DEVELOPMENT DEGREES IN THE UK TO RECEIVE FULL SKILLSET ACCREDITATION.

The games industry was forecast to achieve \$48.9 billion in 2011 and expected to grow even further (PricewaterhouseCoopers). Particularly strong growth has occurred in indie and on-line gaming, with annual market expenditure of over £2 billion. Consequently, the demand for a skilled workforce to service this growth is expected to be significant.

Students have access to industry-standard hardware, some of which has been provided as a direct result of our links with the games industry. One example of this is our Playstation Games Development Laboratory, as developed with Sony Computer Entertainment Europe. This growth creates a high demand for skilled programmers. At the core of the games industry is the games console: Microsoft Xbox 360, Sony PS3, Nintendo Wii and the desktop PC.

Developing today's console games can take years, cost millions of pounds and involve hundreds of developers: programmers, artists, musicians, producers, etc. The heart

of the video game is written by the console games programmer. This creates the entire world where gameplay takes place, ensuring the player is engrossed in hours, days and even months of challenging play. To do this, the programmer must know how to create every aspect of the interaction between the player and the game.

COURSE CONTENT

YEAR 1

In Year 1, you will study the hardware and software components of computer games. Programming concepts are introduced and 2D graphics programming skills developed. The Maths of the physical processes to be modelled in computer games is studied alongside the creative processes used in games construction. During this year, you will start to build your portfolio and will continue to develop this throughout the programme. Students are encouraged to make their portfolio available externally through social networking websites.

UCAS

G451 P BSc/CGT

Campus

Paisley

School

Computing

Entry

Higher BBBC including

Maths and preferably Physics, Computing or Technological Studies, plus 5 Grade Maths and English.

A-Level CCD including Maths and preferably either Physics, Computing or ICT, plus GCSE English, Maths and preferably Physics. AAB including Maths and preferably either Physics, Computing or ICT will allow direct entry to Year 2.

Year 2 HNC Computer Games Development; HND Computing; or HND Software Development, providing in all cases that C++ (or Java or C#) and Maths have been covered.

Duration

BSc 3 years

BSc (Sandwich) 4 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Professor Thomas Connolly

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

YEAR 2

In Year 2, the software engineering skills and programme development techniques studied in Year 1 are expanded.

Graphics, animation and 3D modelling techniques are explored and you will study the design of computer games. Students continue to develop their skills in modelling, underlying physical processes (such as collisions, gravitation and momentum). Programming skills continue to be developed with options in mobile and web games.

YEAR 3

You will study advanced games programming techniques, the use of AI (Artificial Intelligence) techniques in computer games, and develop a complete computer game throughout the year. Students develop a large computer game as part of their games portfolio, which can be used to demonstrate their skills to prospective employees.

(OPTIONAL) SANDWICH

PLACEMENT

You have the option to undertake a year's paid placement in industry, in the UK or abroad, to gain valuable work experience in the computer games sector.

YEAR 4 (HONOURS)

In the Honours year, you will study console development techniques (eg for the PlayStation console) and the application of visualisation techniques in the construction of computer games. Students undertake a major individual project to develop a computer game. Options in the final year allow students to specialise in their areas of interest.

CAREER PROSPECTS

Graduates of this course are in high demand and many have already secured positions as games developers/programmers with some of the sector's biggest games companies such as Sony and Blitz Games. Graduates have also found employment in a range of computing-related areas such as software development; other students have progressed to MPhil and PhD level. Some graduates have relocated to Japan and Canada to be at the heart of the gaming market.

PROFESSIONAL RECOGNITION

This course is approved by the British Computer Society and has also been accredited by Skillset, the Sector Skills Council for the Audio Visual Industries in the UK. For more information, see www.skillset.org



COMPUTING

Computer Networking

FEW ORGANISATIONS OR INDIVIDUALS IN TODAY'S WORLD OPERATE WITHOUT COMPUTERS, AND THE NETWORKS WHICH CONNECT THEM. SUCH NETWORKS MAY OPERATE OVER SMALL OR LARGE AREAS, AND BE BASED ON COPPER CABLES, FIBRE OPTIC LINKS, OR WIRELESS TECHNOLOGY.

The range of applications is continually increasing, encompassing commerce, shopping, entertainment, playing games, information storage and retrieval and personal communication such as e-mail, instant messaging and social networking. The technology, infrastructure, hardware and software underpinning these needs to be specified, designed, installed and maintained, and the BSc Honours Computer Networking programme aims to provide you with the knowledge and skills required to work in this area.

The course covers mainly general computing technology in first year, and begins to specialise in networking technology – particularly infrastructure such as routers and switches – in second year, while remaining fairly broad in outlook. A unique aspect of the course is coverage of the industry Cisco Certified Networking Associate (CCNA) certification across first and second years. Third year provides an in-depth look at Windows and Linux server administration, along with a detailed look at how networks operate. Finally, if you opt to study to Honours level, you will have the opportunity to

study specialised areas such as wireless networks and security, and you'll have the opportunity to complete your own networking project.

Cisco labs are available on the campuses and a number of staff regularly work with industry as consultants. You will also have opportunities for a placement in a commercial organisation to gain vital industry experience.

COURSE CONTENT

YEAR 1

In the first year networking concepts are introduced along with a broad range of computing topics including basic web authoring and the operation of computing hardware and software.

YEAR 2

In the second year, you will examine networking infrastructure, such as routers and switches, including design and administration of such networks. You will also learn the basics of databases, and undertake a group project or have the opportunity of a placement in industry.

UCAS

Ayr H601 A BSc/CompN
Hamilton H601 H BSc/CompN
Paisley H601 P BSc/CompN

Campus

Ayr, Hamilton, Paisley

School

Computing

Entry

Higher BBC including one from Maths, Physics or Computing plus 5 Grade Maths and English.

A-Level CC including one from Maths, Physics or Computing plus GCSE English and Maths.

Year 2 HNC (120 credits), with CCNA Exploration 1 (or CCNA Discovery 1 and 2) completed through the CISCO networking academy. Please contact the Admissions Officer for further details.

Year 3 HND in a relevant computing or networking discipline.

Duration

BSc 3 years

BSc Hons 4 years

Contact

Jim Scullion (Ayr)
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0141 848 7044
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uni-direct@uws.ac.uk

NB Year 3 entry to this UWS programme is also offered at Cumbernauld College under our partnership agreement, (UCAS: H601 C BSc/CompN).

YEAR 3

You will study both Windows and Linux system administration, giving you the knowledge and skills required to maintain servers on a network. You will also learn more about the operation of networks.

YEAR 4 (HONOURS)

In the final year, you will study more advanced networking topics, such as wireless networks, Linux networking, and security, as well as undertaking a network project designed to integrate much of the knowledge and skills you have built over your years of study.

CAREER PROSPECTS

System and network design and administration are one of the more buoyant areas of the IT jobs market, and knowledge of new network technologies is particularly valued. Recent graduates from the Computer Networking course are working in a range of organisations from large telecommunications companies and public sector employers to smaller specialised technology firms with job titles such as Systems Engineer, Network Engineer, Network Administrator, IT Specialist, Team Manager and Customer Operation Engineer. Graduates have also progressed to further study in specialised areas of networking, teaching and research. Recent graduates have gained employment with organisations such as BT, Dell, IBM, Ministry of Defence, NTL, RAF, Prudential, Strathclyde Fire & Rescue and Tiscali.

PROFESSIONAL RECOGNITION

This course is currently undergoing reaccreditation by the British Computer Society. Contact Admissions Officer for further details.

Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

COMPUTING

Computing

THE BSc COMPUTING DEGREE IS BUILT AROUND A SERIES OF MODULES WHICH FOLLOW A NUMBER OF DEFINED COMPUTING THEMES. THESE INCLUDE SOFTWARE DEVELOPMENT; DATABASES AND WEB DEVELOPMENT; ENTERPRISE DEVELOPMENT; AND COMPUTER NETWORKING.

The core of the programme is intended to give you the skills in producing software that will prepare you for a challenging career in computing, while offering you the flexibility to study those computing technologies that most interest you. This allows you to develop a wide-ranging understanding of computing, and to develop skills that will be attractive to employers looking not only for software developers, but also systems analysts, webmasters or network support specialists.

It is possible to study computing on a full-time or part-time basis as a Single, a Major, or a Joint programme which means that it can be awarded on its own or combined with other subjects (subject to timetabling constraints).

COURSE CONTENT

The first year of the course provides an introduction to computing as a profession. This introduces software development processes and technologies, including the foundations of programming in a modern programming language and the development of applications for the internet and the World Wide Web. Depending on the modules chosen,

students will have the opportunity to use Cisco hardware, Java software, Dreamweaver, SQL, Oracle, XNA Studio, Xara X, Flash and Light Wave.

The software development theme of the course continues in second year, with core modules on the analysis of software requirements and the design of software systems and components. You also learn how to use modern software modelling tools and development environments to assist you in analysis, design and coding tasks. Databases are also introduced, and you will learn more about how websites and web-based applications are developed.

In the core of the third year, you will study how software projects are managed, and you will begin to develop deep technical skills in the development of web services and applications and of the database systems which underlie many of them. These themes are continued in the Honours year. The Honours year includes a substantial individual project.

In addition to these core elements of your course, you will be able to choose from a number of topics to broaden your computing expertise

UCAS

Ayr
G401 A BSc/Comp
Dumfries
G401 D BSc/Comp
Hamilton
G401 H BSc/Comp
Paisley
G401 P BSc/Comp

Campus

Ayr, Dumfries, Hamilton, Paisley

School

Computing

Entry

Higher BBC, plus Maths and English at least at S Grade.

A-Level CC plus Maths and English at least at GCSE.

Year 2 HNC, or equivalent qualification, in appropriate subject area (equivalent to 120 credits).

Year 3 HND, or equivalent qualification, in appropriate subject area (equivalent to 240 credits).

Duration

BSc 3 years

BSc (Sandwich) 4 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Brian McGhee (Ayr)
Glenn Affleck (Dumfries)
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dependent on which campus you are studying at. These will be developed over the successive levels of the course and will become increasingly specialised as you progress, for example:

BSc (HONS) COMPUTING AT PAISLEY CAMPUS

Studying at the Paisley Campus, you have the option to extend the software development strands in the core of the course to include a wider focus on the disciplines of software engineering, enterprise technologies and web development.

BSc (HONS) COMPUTING AT DUMFRIES AND AYR CAMPUSES

At these campuses you will have the option to complement the software development strand in the core of the course with a range of topics, including multimedia, before studying a wider range of web development approaches relevant to the modern business.

BSc (HONS) COMPUTING AT HAMILTON CAMPUS

At Hamilton Campus you have the option to extend the software development strand and the study of database and web development as well as include a wider focus on the discipline of computer networking.

PLACEMENT OPPORTUNITIES (OPTIONAL) INDUSTRIAL PLACEMENT

You have the option of taking a double credit industrial placement module for three months in trimester two of the third year of the programme which will allow you to enhance your computing skills in an industrial or commercial environment.

SANDWICH PLACEMENT

You have the option of a 12-month paid placement in an industrial or commercial setting, providing practical experience to complement academic study. Students have been placed with organisations such as BioReliance, North Lanarkshire Council, South Lanarkshire Council, DELL, Scottish Environmental Protection Agency and the NHS.

CAREER PROSPECTS

Jobs may include: software developer or software engineer, web developer, systems analyst, database administrator or database designer. Careers in IT consultancy, networking and infrastructure support, or technology sales are also possible.

PROFESSIONAL RECOGNITION

The course is professionally recognised by the British Computer Society, although accreditation depends on subject selection within the degree. Contact the relevant Admissions Officer for more details.



* accreditation depends on subject selection within the degree

COMPUTING

Computing/Multimedia with Mobile Development

THE USE OF MOBILE TECHNOLOGY HAS HAD A PROFOUND CHANGE ON SOCIETY OVER THE PAST DECADE AND THIS CHANGE IS CONTINUING WITH THE CREATION OF NEW AND INNOVATIVE APPLICATIONS FOR MOBILE DEVICES. THIS PROGRAMME STREAM AIMS TO PROVIDE KNOWLEDGE AND SKILLS IN SOFTWARE DEVELOPMENT TO HELP CREATE THESE NEW AND INNOVATIVE APPLICATIONS FOR MOBILE DEVICES.

Mobile Development is available as a Minor degree component in combination with Computing or Multimedia. The skills learned in the Mobile Development Minor option stream will broaden your computing knowledge and skills and add significant value to your degree programme, especially if you have an interest in mobile technologies.

COURSE CONTENT

In the first year of the programme you study programming in Java and programming for mobile devices along with the subjects in your Major degree component. In second year, we turn our attention to how to develop exciting applications for mobile games devices so that by third year you are ready to study advanced mobile phone development for devices such as the iPhone and Android phones. You will also look at making your applications stand out by learning about the Human Computer Interaction (HCI) issues for mobile devices. In the Honours year, you study options in mobile commerce

(m-commerce) and other aspects of mobile computing such as security.

CAREER PROSPECTS

A graduate with mobile and web/software development skills offered by this option will find employment in a wide range of careers such as mobile and web-based systems, e-Commerce, content development for games and other applications, and mobile systems design.

UCAS

**Computing with
Mobile Development**

G490 P BSc/CMD

**Multimedia with
Mobile Development**

G491 P BSc/MMD

Campus

Paisley

Entry

Computing with

Mobile Development

Higher BBC, plus Maths and English at least at S Grade.

A-Level CC plus Maths and English at least at GCSE.

Year 2 HNC, or equivalent qualification, in appropriate subject area (equivalent to 120 credits).

Year 3 HND, or equivalent qualification, in appropriate subject area (equivalent to 240 credits).

**Multimedia with Mobile
Development**

Higher BBC plus English and Maths at least at S Grade.

A-Level CC, plus GCSE English and Maths.

Year 2 Direct entry is possible for students with a relevant complete HNC in computing, multimedia or web development.

Year 3 HND in a relevant multimedia or computer related discipline including computing, multimedia, web development.

Duration

BSc 3 years

BSc Hons 4 years

Contact

Thomas Connolly

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk



COMPUTING

Information Technology

THIS FLEXIBLE PROGRAMME IS DESIGNED TO PROVIDE THE OPPORTUNITY FOR YOU TO TAILOR YOUR PROGRAMME OF STUDY TO FOCUS ON THOSE AREAS OF INFORMATION TECHNOLOGY (I.T.) THAT YOU WISH TO PURSUE. YOU CAN CHOOSE FROM MODULES COVERING ASPECTS OF A BROAD RANGE OF COMPUTING SUBJECTS INCLUDING INTERNET TECHNOLOGIES, MULTIMEDIA SYSTEMS, COMPUTER ANIMATION, MUSIC TECHNOLOGY, COMPUTER GAMES AND BUSINESS I.T.

With advice from academic staff, you choose your own programme of study from the I.T. modules offered at the campus at which you are studying. It is possible to study Information Technology on a full-time or part-time basis leading to the award of a BSc Information Technology (Single), or to combine it with another University subject, for example, a BSc Information Technology with Management (Major) or a BSc Information Technology and International Marketing (Joint).

Students have access to all School of Computing programme facilities including Cisco hardware/software and Oracle (database development). There's also the option for students to use the IT Academy vendor certified facilities enabling you to achieve vendor accreditation. The content of the course may vary depending on the modules offered at each campus. It is possible for students to travel between campuses if there is a specific module they want to study.

COURSE CONTENT

YEAR 1

You will study IT topics from a prescribed list plus elective/optional lists. The list of prescribed IT modules is taken from a number of computing degrees. In such a flexible programme, it is imperative that students pay particular attention to coherence and progression and a member of academic staff will work with you on module selection to address these issues. The modules are drawn from programmes such as Computing, Computer Networking, Multimedia Technology, Music Technology, Web Development, Computer Animation, Computer Games Technology and Business Technology. See the entries in this section for details of likely modules offered.

YEAR 2

The flexible nature of the programme is such that the topics and electives chosen will typically be a mixture of those that build upon Year 1 study and those that widen your experience.

UCAS

Ayr G502 A BSc/IT

Dumfries G502 D BSc/IT

Hamilton G502 H BSc/IT

Paisley G502 P BSc/IT

Campus

Ayr, Dumfries, Hamilton, Paisley

School

Computing

Entry

Higher BBC plus Maths and English at S Grade Level 3 or above.

A-Level CC plus Maths and English at least at GCSE.

Year 2 Exceptionally, HNC or equivalent qualification in appropriate subject area (equivalent to 120 credits) will be considered by the Admissions Officer.

Year 3 HND, or equivalent qualification, in appropriate subject area (equivalent to 240 credits).

Duration

BSc 3 years

BSc (Sandwich) 4 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Linda Crearie

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(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

YEAR 3

The IT topics and electives selected at this level will predominantly be ones that deepen your knowledge and understanding. However, there will be scope for widening the IT experience.

(OPTIONAL) SANDWICH PLACEMENT

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

YEAR 4 (HONOURS)

You will again study from a prescribed list of IT topics and electives. The additional electives will provide some scope for widening of experience. Honours students must undertake a major personal project in a chosen area of interest relating to their studies.

CAREER PROSPECTS

As a graduate you can look forward to excellent career prospects. The practical approach featured throughout will enable you to make an effective and immediate contribution within your work environment. Jobs may include: computing/information technology specialist, computer programmer, web developer, database administrator or systems analyst, however the range of IT experience gained in this programme may provide the basis for a wide range of career options where the use of IT systems is of primary importance.

Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

COMPUTING

Multimedia Technology

RAPID ADVANCES IN TECHNOLOGY ARE CHANGING THE WAY IN WHICH THE INFORMATION WE ACCESS EVERY DAY IS GATHERED, PRESENTED AND DELIVERED. EQUALLY, THE EVER-EVOLVING NATURE OF ELECTRONIC COMMUNICATIONS MEANS THAT INTERACTIVE MULTIMEDIA CONTENT IS ACCESSIBLE ALMOST ANYWHERE AT SPEEDS WHICH WOULD HAVE BEEN UNTHINKABLE A FEW YEARS AGO.

Multimedia technologies are integral to the production and delivery of all forms of interactive content. These technologies enable the general public to access and use information, pictures, music and video in exciting new ways, from websites such as YouTube and Google StreetView through to mobile phone apps of all kinds. Content is now delivered onto a wider range of devices including personal computers, the web, DVD, interactive TV and mobile phone. The Multimedia Technology degree covers the theoretical and practical aspects of all these technologies, as well as the ways in which they are used to get a message across to any type of audience.

You will study topics such as multimedia editing and web development, using a wide range of industry-standard content creation tools. You will develop skills in interface design, content production and distribution across a variety of different platforms. Most importantly,

you will have plenty of opportunity to obtain practical experience through project work, and to develop the professional skills required for success in a dynamic and competitive industry. This is a progressive course that is continuously updated to reflect advances in technology and industry demands to ensure graduates have the skills employers are looking for.

COURSE CONTENT

YEAR 1

You will develop key skills in areas such as multimedia content creation, video production, computer animation and the web as a basis for understanding the wide variety of technologies used within the multimedia industry. Professional and personal development issues are also addressed at this level.

YEAR 2

Students learn skills in assembling and developing multimedia presentations – both standalone and for the World Wide Web – using industry-standard software tools. You will also learn the intricacies

UCAS

Ayr GP43 A BSc/MMT
Paisley GP43 P BSc/MMT

Campus

Ayr, Paisley

School

Computing

Entry

Higher BBC plus English and Maths at least @ 5 Grade.

A-Level CC, plus GCSE English and Maths.

Year 2 Direct entry is possible for students with a relevant complete HNC in computing, multimedia or web development. Please contact the Admissions Officer for details.

Year 3 HND in a relevant multimedia or computer related discipline including computing, multimedia, web development.

Duration

BSc 3 years

BSc Hons 4 years

Contact

Dr Patrick Walder
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(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

NB Year 3 entry to this UWS programme is also offered at City of Glasgow College under our partnership agreement, (UCAS: GP43 G BSc/MMT)

of individual multimedia elements such as digital images and audio. The technologies underpinning content delivery are covered, and students learn the scripting skills required to develop interactive applications and are introduced to the key technologies which underpin most modern websites.

YEAR 3

You will learn to develop richly interactive multimedia content across a range of platforms, with various industry-standard tools covered in detail. The emphasis is on advanced methods to enable the development of content with a high level of interactivity, such as Flash games for the web. Students are encouraged to produce interactive content for different target markets and devices, such as mobile phones and DVD menu systems. While the theory is explored in-depth, there is a strong practical element to the course, with much of the assessment being project-based.

YEAR 4 (HONOURS)

Students have the chance to specialise at this level, being able to select option strands in either the more technical aspects of web development, or in the more creative areas of animation and video effects. In addition, you will learn about new and emerging multimedia technologies in order to broaden your experience and be better equipped to meet the needs of industry. An Honours-level individual

project – selected from a wide choice of possible topics – is undertaken over two trimesters. This enables students to develop their experience and practical skills in the specific application areas that match their interests and future employment options.

CAREER PROSPECTS

Today's job market demands graduates who are media literate and commercially aware, who are able to learn new skills and techniques. The Multimedia Technology degree offers you the chance to develop these attributes and to demonstrate them in your practical work and projects which will give you a portfolio of work that will showcase your skills to potential employers.

Your skills may be utilised in areas such as e-commerce, corporate training and publishing, multimedia marketing or web development. A great many organisations, including independent consultancies, educational bodies, government agencies and multinational manufacturing companies, will have opportunities for Multimedia Technology graduates.

PROFESSIONAL RECOGNITION

This course is approved by the British Computer Society. Contact Admissions Officer for further details.

Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

PROFESSIONALLY
RECOGNISED
British Computer
Society

COMPUTING

Music Technology

THIS PROGRAMME AIMS TO EQUIP GRADUATES WITH THE KNOWLEDGE AND PRACTICAL ABILITY TO APPLY COMPUTER SOFTWARE AND ELECTRONIC HARDWARE-BASED TECHNOLOGIES TO THE GENERATION, RECORDING, PRODUCTION AND POST-PRODUCTION PROCESSING OF MUSIC AND AUDIO FOR A WIDE RANGE OF APPLICATIONS.

This includes recording and distribution, broadcast, multimedia, film, animation and computer games. Graduates will also develop an entrepreneurial outlook to business aspects of the music industry.

Recent investment in facilities ensures students are working with up-to-date equipment. The audio/video processing lab is equipped with Apple Mac Pro computers, MIDI keyboards, Digidesign M Box audio and microphones. The mixing desks and equipment used in the recording studios are industry standard. Software includes Final Cut Express, Pro Tools LE and LogicPro.

COURSE CONTENT

YEAR 1

Year 1 acts as a foundation for later development with a strong emphasis on audio. Modern music production techniques are analysed and critical listening is developed. Audio will be prepared for multimedia and broadcast applications. The practical aspects of live sound reinforcement will be explored together with the technical underpinning of acoustics. Audio technology will be

introduced providing a background in electronics for audio applications. A discussion of the professional and business aspects of the music industry places these themes in the context of the creative computing profession.

Through your choice of recommended options you may either develop your abilities in written music and harmony using a computer-based score editor or strengthen your interest in related creative technologies.

Transferable skills such as project management and personal development are embedded within core modules.

YEAR 2

The theory of digital audio and an up-to-date knowledge of industry standards for music file storage, transfer and networking are presented and complemented by the development of in-depth practical ability to apply two industry-leading digital audio workstation applications. Audio post-production techniques will be introduced. The specifications of a wide range of audio hardware from microphones to systems will be discussed and measured. Acoustics

UCAS

W350 P BSc/MT

Campus

Paisley*

School

Computing

Entry

Year 1 Higher BBC, preferably including subjects such as Maths, Physics, Computing, Information Systems or Technological Studies. Higher Music would be welcomed. S Grade Maths and English or their equivalents are essential.

A-Level CC, preferably including subjects such as Physics, Computing or Maths. Music would be welcome, GCSE Maths and English or their equivalents are essential and Physics would be welcomed. BTEC National Diploma Music Technology.

Year 3 HND in Sound Production, Music and Audio Technology, Music Technology or closely related title (ideally with an "A" in the graded unit), or Diploma in Audio Recording.

Duration

BSc 3 years

BSc Hons 4 years

Contact

Derek Turner

0141 848 7044

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theory will be presented and related to practical studio environments. The theme of Audio Technology will be further expanded to digital systems.

Through option choices you may continue to develop your compositional skills using creative music software to produce music and sounds for animation or strengthen your interest in live sound reinforcement.

YEAR 3

You will develop your knowledge and experience in the audio area and to integrate this with film, animation and multimedia. There is extensive access to digital studio facilities for recording and pre-mastering and professional studio practices will be adopted. Audio signal processing will develop a deeper understanding of the processes applied to audio by digital workstation applications and VST effect plug-in units will be developed. The business and legal framework of the music industry will be presented with an emphasis on the electronic distribution of audio and associated multimedia products. A group project will integrate the themes of audio, video and multimedia in the production of a promotional multimedia CD for a band or artist. Through option choices you may continue to develop a strand of electronics related to audio applications or you may gain valuable experience of the working environment by participating in a music industry placement including overseas

placement opportunities managed in conjunction with partner institutions, such as the Harris Institute in Canada.

YEAR 4 (HONOURS)

The advanced audio topics of mastering and surround mixing complete the stream of audio engineering, and these are applied to the areas of film and animation. Audio signal processing concentrates on synthesis techniques and VST instrument plug-in units will be developed. The major project enables students to deepen understanding and apply professional practices in an area of personal interest and demonstrate a degree of autonomy in working.

Through a choice of recommended options you may study the distribution of media across the internet via a streaming server and other current topics relating to networked multimedia or develop audio for computer games applications.

CAREER PROSPECTS

Career paths would typically be as: studio engineers, either recording, mixing or mastering music, live sound engineers, sound recordists, broadcast engineers, audio editors, sound technicians, further and higher education, or as AV installation engineers. The Music Technology degree also provides transferable graduate skills which could be applied to careers in other areas, for example teaching or lecturing. Students tend to go freelance, set up their own business or work for small companies.

*Delivery of the Music

Technology degree is primarily at the University's Paisley Campus; however students may be required to attend the Ayr Campus within the Honours Year. Students may also choose from a selection of optional modules which include some presented on the Ayr Campus. In addition to the facilities in Paisley, students will have access to facilities at the Ayr Campus which include several studios and live sound facilities. Some elements of the programme may be delivered off-campus to access specialist facilities, such as a local theatre, to give students experience of music production in a real auditorium setting.

COMPUTING

CertHE Web Authoring

THE GROWTH IN THE INTERNET AND THE WORLD WIDE WEB HAVE HAD A MAJOR IMPACT ON MOST PEOPLE AND BUSINESSES. WHETHER BROWSING FOR INFORMATION OR CONDUCTING BUSINESS, THE BENEFITS THESE TECHNOLOGIES PROVIDE ARE UNMISSABLE. THIS COURSE SETS OUT TO INTRODUCE YOU TO THE CREATION OF WEB PAGES AND THE CONTENT WHICH THE WEB PAGES PROVIDE.

During the course you will gain expertise in web page creation, designing pages which are effective, programming scripts which help users of your pages, and how to publish and maintain your sites. There is an emphasis on making sites easy to use. The course uses industry-standard tools like Dreamweaver, Flash and Photoshop extensively.

COURSE CONTENT

The course is designed as an introduction to multimedia and web development for those who wish to pursue professional accreditation in web design. The course contains subjects covering the Certified Internet Webmaster curriculum as well as the content of the IC3 qualification. Course subjects include web page design and creation, computer networking, use of web languages, server management and elements of computing technical support.

The campus labs include a full Adobe suite with flat screen monitors. Cisco hardware and software is also available for use.

CAREER PROSPECTS

After successfully completing the programme graduates can expect to follow a career in audio, video, animation or web page design. They may find jobs as web developers or pursue a career in multimedia.

PROGRESSION

Successful completion of Cert HE Web Authoring allows progression to the second year of BSc Multimedia Technology.

UCAS

G420 A CerHE/WebA

Campus

Ayr

School

Computing

Entry

Minimum of one SQA Higher at C or above, or successful completion of NC Computing or Access to Computing. Mature applicants with relevant experience/core skills may be admitted without these formal qualifications.

Duration

CertHE 1 year full-time or 2 years part-time

Contact

Brian McGhee or Jim Scullion
0141 848 7044
 (44 141 848 7044 outwith UK)
 uni-direct@uws.ac.uk



COMPUTING

Web Development

THE INTERNET AND THE WORLD WIDE WEB HAVE RADICALLY ALTERED THE WAY IN WHICH INDIVIDUALS AND ORGANISATIONS COMMUNICATE AND CONDUCT BUSINESS.

Web-based technologies allow millions of users to access unprecedented resources; establish social networks; support geographically distributed workgroups, vendors and clients; and ensure safe and secure internet transactions. Web applications continue to develop in areas such as cloud computing, gaming and GPS-aware mobile devices.

To support this high-technology growth sector, there is a demand for skilled personnel who are able to design and develop web services software and administer the infrastructure on which these services operate. Throughout this programme, you will gain expertise in: systems design and analysis; use of the latest tools, techniques and scripting languages for developing dynamic, interactive, secure and robust web solutions; establishing and maintaining secure web servers; and designing, developing and interacting with business models and database systems.

COURSE CONTENT

YEAR 1

The first year provides a broad-based introduction to computing, the web and the computing profession. Students gain skills in the use of internet tools and techniques, e-business, networks, programming and design.

YEAR 2

Year 1 topics are extended but with an increased web focus. Topics include design, authoring and interaction for the web. Through this, you will be introduced to industry-standard software such as Adobe Dreamweaver and Flash. Additionally, you will study analysis, the use of XML and databases.

YEAR 3

You will undertake studies in the use of XHTML, CSS and JavaScript for client-side website development with ASP.NET and PHP on the server side. Students will configure and administer a number of secure servers for the deployment of web services. Students also study the theory and practice of software for the implementation of business web solutions.

UCAS

G450 P BSc/WebD

Campus

Paisley

School

Computing

Entry

Higher BBC plus 5 Grade Maths and English.

A-Level CC plus GCSE English and Maths.

Year 2 HNC in relevant subjects: computing, multimedia, information systems or internetworking. Please contact the Admissions Officer for details.

Year 3 HND in relevant subjects: computing, multimedia, information systems or internetworking. Please contact the Admissions Officer for details.

Duration

BSc 3 years

BSc Hons 4 years

Contact

Dr Mark Davison

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

YEAR 4 (HONOURS)

In the Honours year, you will extend your studies of client-server systems (eg AJAX and Python) plus emerging technologies used for the production of intuitive and dynamic web interfaces. All students undertake a major individual project over the year, providing the opportunity for you to demonstrate your creativity, knowledge and understanding to produce a web service product using multimedia, cloud computing or other techniques of your choice.

CAREER PROSPECTS

The Web Development degree is designed to provide you with the required skills to design, develop and maintain secure and usable web services that exploit the capabilities of the internet. This covers a range of areas including web authoring, techniques for the development of web software and the administration of servers or web applications. The types of skills in demand in the employment market are the ability to set up and manage secure and robust web servers and to create and maintain appropriate web material for companies. Graduates from this course should be suitable for positions such as web developers, web programmers, Internet and systems developers and web designers in a variety of organisations, both locally and nationwide.

PROFESSIONAL RECOGNITION

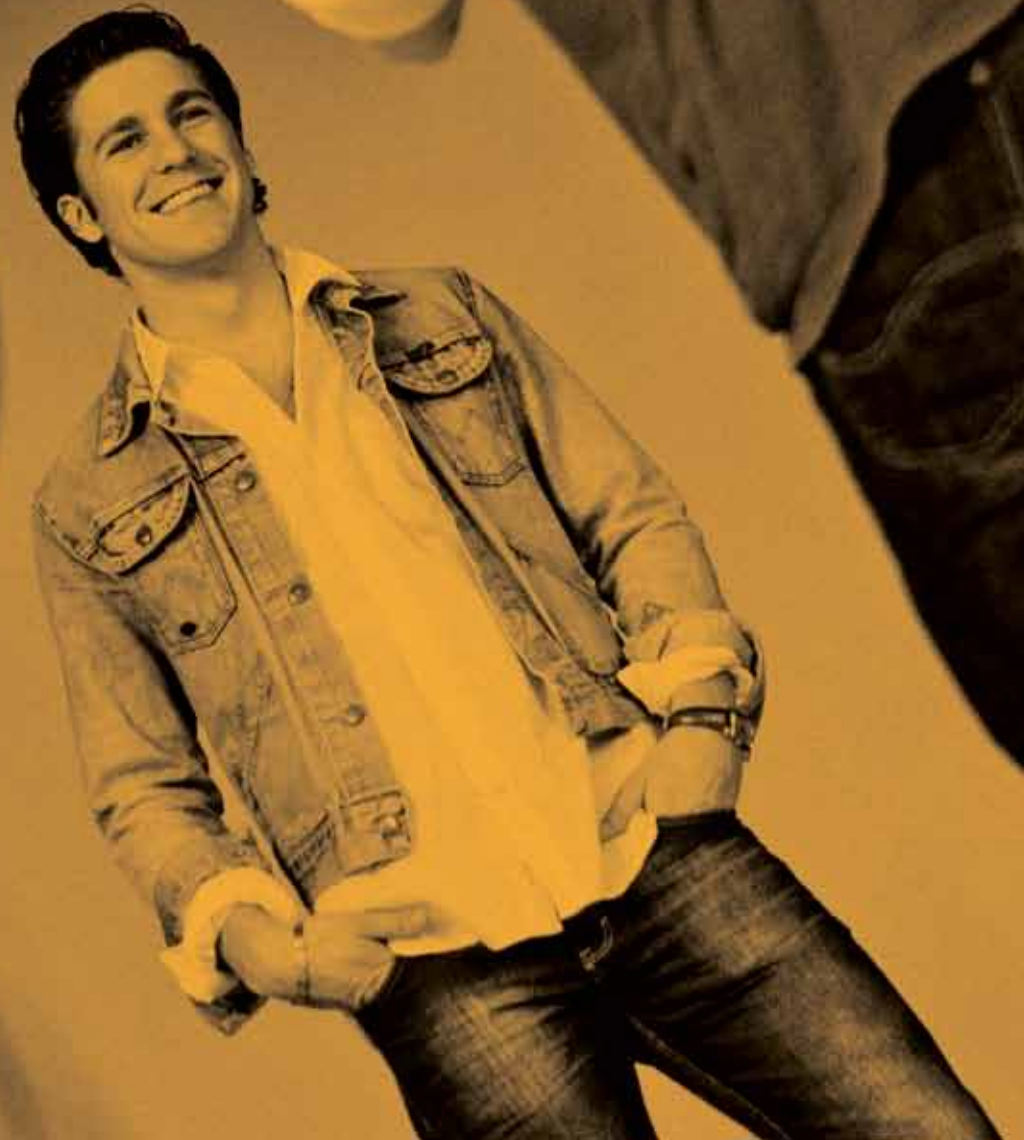
This course is approved by the British Computer Society. Contact Admissions Officer for further details.

Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

PROFESSIONALLY
RECOGNISED
British Computer
Society

CREATIVE AND CULTURAL INDUSTRIES

AN EXCITING RANGE
OF PROGRAMMES
WHICH ANTICIPATE
THE SKILLS NEEDED TO
MEET THE DEMANDS
OF THE CREATIVE AND
CULTURAL INDUSTRIES.



CREATIVE AND CULTURAL INDUSTRIES

OUR PROGRAMMES

- part of the UWS Skillset Media Academy, and designed to anticipate the skills needed to meet the demands of the creative and cultural industries
- accredited by Skillset, the sector skills council for creative media
- delivered by staff who have extensive experience of professional practice across the arts, media and creative industries
- practice-led programmes which reflect current industry best practice, supported by first-class facilities

FACILITIES

Our brand new £70m Ayr Campus is scheduled to open in September 2011. Students enjoy access to:

- screening space
- performance suite
- two 3-camera TV studios
- 4 comprehensively equipped radio studios
- 6 music rehearsal rooms kitted out with a range of equipment
- 4 recording studios equipped with Digidesign's ProTools recording equipment
- 4 computer labs with Apple Macintosh computers variously equipped with software and accessories for video, audio, radio, music and art
- UWS student radio station, broadcasting to FM, and on DAB to a potential audience of 300,000 across the West of Scotland

We also enjoy partnerships with Sony and Digidesign.

HANDS-ON EXPERIENCE

Through our work-based learning module, you'll have the option to gain practical experience in an industry setting. UWS students have worked with:

- Channel 4
- STV
- BBC
- Film-City Glasgow
- CCA Glasgow
- Sky TV
- community projects from across the region
- a range of local and community radio stations
- Pinewood Studios
- Mirror Group Newspapers
- Sony
- EMI

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*At time of print, course offered subject to final University approval



Avid Authorized Training Partner



EXPERT ADVICE

Recently, students have enjoyed input from industry experts including:

- singer/songwriter Shirley Manson
- former Deep Purple keyboard player Jon Lord
- top Scottish film and TV producer, Paddy Higson
- David Bates, Senior Artists and Repertoire (A&R) Manager at Sony BMG

WORKING IN PARTNERSHIP

Our Skillset Media Academy brings together all of our provision in support of the creative media sector. Incorporating partnerships for progression with Scotland's colleges, the Academy operates between our campuses and a creative enterprise cluster in Glasgow, working with the CCA: Centre for Contemporary Arts, the Scottish Centre for Enabling Technologies, and Film City Glasgow. Through our presence in Glasgow's Digital Media Quarter we are co-located with some of the largest media employers in Scotland – ideal for networking, collaboration and professional development – and with major international media businesses, micro-enterprises and independent practitioners.

Links with educational establishments enable student exchanges and practical project work with partners in Germany, Finland and Sweden as well as in the UK. Music students are involved in a band exchange project with universities in France and Germany and are setting up a record label. Extensive links with the Harris Institute for the Arts has seen our students benefit from work experience in the Toronto offices of EMI, Sony, Audiohead and BMG.

RESEARCH

Our vibrant research activity covers a wide range of areas, including:

- providing advice on the cultural and educational aspects of London's successful bid to host the 2012 Olympic Games
- the first major "Celebrity Culture" conference which attracted academics from across the world
- research on poetry, independent film, and new media
- documentary charting life in Stirling's Raploch estate, broadcast on BBC Scotland
- production of 3D animated comedy for the BBC
- research on Operación Triunfo – Catalan reality TV, where Big Brother meets Pop Idol
- an interactive web project on the poetry of ee cummings

"At university you get the experience of a creative education and have a good time studying some of the most interesting things you'll ever learn. I play guitar and sing in a band and I'm pretty involved with our student radio station. It's easy to do lots of extra-curricular projects for fun since we have great access to film cameras and studios. Some of the lecturers are geniuses! I find them very inspiring."

Phil Anderson

Broadcast Production student

Showcase your work

An annual end of year show, gives students the chance to showcase their work to peer groups and potential employers.

CREATIVE AND CULTURAL INDUSTRIES

Broadcast Production

THE CONTENT OF THIS EXCITING PROGRAMME IS TAILORED TO THE CURRENT BROADCASTING INDUSTRY, COMBINING PRACTICAL AND THEORETICAL ELEMENTS. TAUGHT BY STAFF WITH EXTENSIVE WORKING EXPERIENCE IN THE INDUSTRY, BROADCAST PRODUCTION TEACHES YOU HOW TO MAKE AND HOW TO UNDERSTAND TELEVISION, RADIO AND OTHER DIGITAL MEDIA. THE PRACTICAL PRODUCTION OF TELEVISION AND RADIO PROGRAMMES IS LINKED TO THE STUDY OF MEDIA THEORY.

Based at our Ayr Campus, where you will have access to the latest broadcasting facilities, you will have the chance to work in our radio and television studios and digital sound and video editing suites. You will have the opportunity to broadcast on the campus radio station. We will teach you how to develop and produce television programmes, write scripts, produce radio, and make documentaries. You can choose to study Scotland's media representations, broadcast drama, American broadcasting, and crime drama. Aspects of media theory studied include television studies, the media industries, new digital platforms and intellectual property rights. Throughout the programme professionals will give you first-hand knowledge of television and radio production through workshops and seminars. Opportunities are available to work within the broadcast industry and to gain academic credit for that work.

COURSE CONTENT

YEAR 1

Television production, filmmaking and script-writing are presented within modules in television production. Your lens-based skills can be further developed through the digital photography module and radio is covered through the module Introduction to Radio. Critical studies of media output will be presented within the production-oriented modules, and in the core module Factual Broadcasting. Optional modules include Sport: Media and Society; Popular Music, History and Politics; Creative Writing 2; and modern languages (French, German or Spanish).

YEAR 2

You will continue to produce for television, radio and new platforms and will begin to specialise, choosing a specific pathway of production and study that you feel will best prepare you for your chosen career. Modules include Studio Production, Radio

UCAS

P391 A BA/BroadP

Campus

Ayr

School

Creative and Cultural Industries

Entry

Higher BBBC, including English.

A-Level CCC. English required at GCSE.

Year 2 Entry may be possible with HNC in Communication, Media or related subject.

Year 3 Entry may be possible with HND in Communication, Media or related subject.

Please note: applicants will be invited for interview.

Duration

BA 3 years

BA Hons 4 years

Contact

Lynn Sinclair

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

Practice and Broadcast Drama. In the core documentary module students combine technical and creative work in developing, pitching and producing a short documentary as well as engaging with documentary theory. You will also have the opportunity to improve your creative writing skills through Introduction to Script-writing and the module option Screen-writing: The Short Film. Other options include Digital Photography 2, and Scotland: Media & Identity. You will also be able to choose from a range of other optional modules including a modern language.

YEAR 3

You will choose to specialise in one of two major strands: Television Production or Radio Production which will combine theory with practical experience. Research for Broadcast is designed to link directly to your production work as well as the Honours year's research project work. This module provides students with access to guest lecturers who are currently working as researchers within the industry. Third year studies continue with a particular emphasis on global media via the modules: Rights and Creative Industries, and Global Cultural Industries. The option focusing on script-writing is Team Writing for Television. The Situation Comedy: Radio and Television option offers an opportunity to look critically at that output.

YEAR 4 (HONOURS)

Year 4 offers you an exciting opportunity to study the areas that interest you most. Your creative project and research project make up the majority of your entire year and allow you the opportunity to concentrate on the areas you have chosen in Year 3 ie television or radio. Your creative project will be a television or radio project and will be the culmination of all your previous production experiences. Your broadcasting research project will allow you to immerse yourself in an area of broadcast media that interests you. In this year you will also study Broadcasting: Current Issues which is primarily taught by industry practitioners – producers, directors, script-writers, presenters – who discuss their roles within the creative industries including possible routes to employment. Finally, you can choose a module from a list of options that includes Crime Drama, American Television: Genre, Culture and History and the practice based module Producing Factual Formats.

CAREER PROSPECTS

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

CREATIVE AND CULTURAL INDUSTRIES

Commercial Music/Commercial Music Performance (3rd year entry)*

MUSIC IS NOW ONE OF THE UK'S LARGEST INDUSTRIES BY EXPORT ALONE, GENERATING IN EXCESS OF £2.5 BILLION FOR THE ECONOMY ANNUALLY AND EMPLOYING AN ESTIMATED 100,000 FULL-TIME EQUIVALENT PERSONNEL.

The primary objective of these two programmes is to enable those with talent and ability to forge a varied, life-long career incorporating performance, business, composition, production and sociology elements. The Commercial Music programme is run over three or four years predominantly at the University's campus in Ayr while the Commercial Music Performance programme is delivered in partnership at North Glasgow College.

The programmes are structured around a spine of key skills and business modules (project management, IT, communication and negotiation skills, structure of the music industry and creativity); and allows students to select modules in performance and/or production and/or industry environment/sociology. Students will develop musical performance skills in the instrument and genre(s) of their choice. Flexibility within these programmes allows students to customise their final qualification to suit their chosen career path.

Developed in response to industry, the focus is on the modern music industry and the changes brought about by new media. Lecturers are industry professionals and guest speakers are

regularly invited to present to students. Recent guests have included recording artist and actress Shirley Manson, Deep Purple's Jon Lord and David Bates, Senior A & R Manager for Sony BMG.

A work-related learning module offers the opportunity to gain experience in a relevant organisation or company as an option for students in Year 2 or Year 3. Advanced project work including record releases and performance events will be staged regularly to develop the students' experience and understanding of the industry environment. Open to musicians, producers, DJs, re-mixers, those wishing to run small record companies, develop artists or stage live events, the courses will encourage each student to develop a group of specialisms making them sufficiently versatile to sustain not one but several serial careers in the music industry.

COURSE CONTENT

YEAR 1 – (COMMERCIAL MUSIC ONLY)

Students are introduced to the three key theatres of the music industry – performance, production and sociology/industry environment. Initially encouraged to study all three areas to develop a broad understanding,

Commercial Music UCAS
W340 A BA/CM

Campus
Ayr

School
Creative and Cultural Industries

Entry Higher BBBC including English and Music or a science.
A-Level CCC including Music or a science, plus three GCSEs including English.

Year 3 Advanced entry with relevant HND or Advanced Diploma in Music, Performance, Music Technology or Music Business. For other related qualifications contact Admissions Officer.

NB: Candidates will be invited to attend an interview and/or audition.

Duration
BA 3 years
BA Hons 4 years

Contact
Allan Dumbreck
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

NB Year 3 entry to the Commercial Music programme is also offered at Stow College under our partnership agreement, (UCAS: W340 S BA/CM).

students will also complete modules to develop transferable skills – IT, project management and interpersonal and presentation skills.

YEAR 2 – (COMMERCIAL MUSIC ONLY)

Core classes range from analysis of media sources and intellectual property to professional practice. Performance options widen to include songwriting and further instrumental/group skills. Production elements include digital music production, new media and website design and additional options include events production and investigation of the international music markets.

YEAR 3

Introducing the concepts of creativity, students will have a chance to advance their study into new media and website design, music product design and complete a four-week work placement. Students develop a negotiated project of their own using the University's rehearsal, digital production and recording studio facilities. Record releases and events will be staged from the beginning of trimester two onwards. Work-related learning is also offered as an option.

YEAR 4 (HONOURS)

Research into a key element of commercial music of the student's choice can lead to a dissertation in the second trimester. Music production, marketplace opportunities and their exploitation are assessed and the specialisms extend to encompass singles production, festival and tour production and advanced artist development. Advanced audio production study is undertaken at commercial studio facilities in the centre of Glasgow.

CAREER PROSPECTS

Adapting to challenges of new media and technology, the programmes address the needs of the workplace. The fields of events production and performance are particularly strong in Scotland; to give one example, the University has agreed a rolling placement programme with DF Concerts, promoters of the hugely successful Scottish music festival T in the Park. The programmes also address the needs of the wider UK industry, identifying work experience placements.

Commercial Music Performance* UCAS
W385 N BA/CMP

Location
North Glasgow College

School
Creative and Cultural Industries

Entry
Year 3 Advanced entry with relevant HND or equivalent in Music Performance, First Instrumental or Composition. For other related qualifications contact Admissions Officer.

NB: Candidates will be invited to attend an interview.

Duration
BA 1 year
BA Hons 2 years

Contact
Allan Dumbreck
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

*At time of print, Commercial Music Performance course offered subject to final University approval.



CREATIVE AND CULTURAL INDUSTRIES

Commercial Sound Production

(3rd year entry)

MUSIC IS NOW ONE OF THE UK'S LARGEST INDUSTRIES BY EXPORT ALONE, GENERATING IN EXCESS OF £2.5 BILLION FOR THE ECONOMY ANNUALLY AND EMPLOYING AN ESTIMATED 100,000 FULL-TIME EQUIVALENT PERSONNEL.

A vibrant but constantly changing terrain shaped by technology and imagination, the music production environment attracts many, who in the past were fortunate to sustain a few years of employment.

The primary objective of this course is to enable those with talent and ability to forge a varied, life-long career. Incorporating business, production and sociology elements, the course is delivered at Cumbernauld College under our partnership agreement.

The BA is structured around a spine of key skills and business modules (project management, IT, communication and negotiation skills, structure of the music industry, creativity) and allows students to select modules in production and/or industry environment/sociology, thereby customising the final qualification to suit their chosen career path.

Students will develop technical production skills in the areas of music, Sound Design and Audio Production, specialising in areas such as surround sound and audio for a wide range of media applications.

The work-related learning module offers the opportunity to gain experience

in a relevant organisation or company as an option for students. This will further develop students' practical and personal skills and help them determine their choice of subjects for later specialist study. Advanced project work including record releases and performance events will be staged regularly to develop the students' experience and understanding of the industry environment. Open to musicians, producers, DJs, re-mixers, those wishing to run small record companies, develop artists or stage live events, the course will encourage each student to develop a group of specialisms making them sufficiently versatile to sustain not one but several serial careers in the music industry.

YEAR 3

Introducing the concepts of creativity, students will also have a chance to advance their study into new media and music product design and complete a four-week work placement. Students develop a negotiated project of their own using the University's rehearsal, digital production and recording studio facilities. Record releases and events will be staged from the beginning of trimester two onwards.

UCAS

J930 C BA/CSP

Location

Cumbernauld College

School

Creative and Cultural Industries

Entry

Year 3 Entry with relevant HND or Advanced Diploma in Music Technology or Music Business. For other related qualifications contact Admissions Officer.

NB: Candidates will be invited to attend an interview.

Duration

BA 1 year

BA Hons 2 years

Contact

Paul McGeechan

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

YEAR 4

Research into a key element of commercial music of the student's choice can lead to a dissertation in the second trimester. Music production, marketplace opportunities and their exploitation are assessed and the specialisms extend to encompass singles production, festival and tour production and advanced artist development. Advanced audio production study is undertaken at commercial studio facilities in the centre of Glasgow.



CREATIVE AND CULTURAL INDUSTRIES

Contemporary Art Practice*

(3rd year entry)

THIS EXCITING NEW PROGRAMME, DEVELOPED AND DELIVERED IN COLLABORATION WITH CITY OF GLASGOW COLLEGE, WILL EXPLORE TRADITIONAL 2D CREATIVE PROCESSES, AS WELL AS OFFERING OPPORTUNITIES FOR ENGAGEMENT WITH NEW MEDIA AND INSTALLATION.

The programme, scheduled for launch in September 2011, will be offered at the North Hanover Street campus of City of Glasgow College and will be delivered by staff from the College and University, with extensive creative industries experience. It will offer students a wide-ranging, practice-based, contemporary fine art degree providing opportunities to develop a distinct creative voice. Cultural, intellectual and ethical issues relating to the creative process will also be explored within a critical and reflective context.

The programme aims to foster a high level of artistic exploration and personal development whilst providing strong vocational training through work-related experience and opportunities to undertake professional studies and business venturing. You will be offered the chance to explore in-depth two and three-dimensional creative strategies as well as lens-based and digital disciplines. Critical reflection on creative practice will be central to the course.

In developing this new programme, with its focus on combining theoretical and academic studies in the arts with the practical skills and experience

sought by the industry, academic staff have worked extensively with experts from the fine arts and museums and galleries sectors who have advised on specialisms and programme delivery.

Graduates from this degree will find themselves well-equipped with a strong portfolio of transferable skills relevant to contemporary creative practices and extensive vocational insight and knowledge based on first-hand experience. Allied to your critical and research skills this will greatly enhance your opportunities for work and future study. The breadth of activities experienced in this programme will stand you in good stead for involvement, participation and employment within the creative industries sector.

Teaching will encompass art studio and IT lab learning, plus workshop sessions, lectures and seminars.

APPLICANT SKILLS

You will be expected to present a broad-based portfolio with evidence of drawing skills, experimentation and research. At interview, you should be able to discuss these skills and demonstrate a strong visual awareness through practical work. Evidence of lens based experience;

UCAS

W901 G BA/CAP

Location

City of Glasgow College

School

Creative and Cultural Industries

Entry

Year 3 HND in Contemporary Art Practice (or equivalent) with B in graded units, or relevant professional experience. Applicants may also be considered from the following HNDs: HND Computer Arts; HND Visual Communication; or other relevant specialised HND (or equivalent) qualification. Contact Admissions Officer for details.

NB all candidates will be interviewed and assessed on their portfolio.

Duration

BA 1 year

BA Hons 2 years

Contact

Robert Sutter
Subject Leader
Art & Digital Media
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

*At time of print, course offered subject to final University approval.

art & design software proficiency and indication of an interest in research in the contemporary fine art subject area would also be beneficial at interview.

COURSE CONTENT

YEAR 3

You will specialise in your major area(s) of contemporary art practice. Academic and theoretical subject material will prepare you for your Honours year.

Core modules

- Advanced Visual Creativity
- Critical Studies in the Visual Arts
- Contemporary Creative Processes 1
- Art Creative Project 3A
- Work-related Learning

A recommended optional module might be chosen from: Contemporary Creative Processes 2, Rights and the Creative Industries, and Business Venturing.

EU OPPORTUNITIES

Students on the course will also be eligible to apply to study with one of our European partners in Trimester 2 of Year 3 as part of the European Union-funded Erasmus scheme. You may also opt to take part in the Intercultural Design Camp, co-ordinated by the University and its Swedish, Belgian and German partners. This comprises a two-week intensive summer school combining conceptual work and hands-on experience. The Camp runs in August annually. Visit www.designcamp.eu for details.

YEAR 4 (HONOURS)

In this final year, you will be expected to utilise core specialist skills in the development of self-generated creative projects. Production of an Honours dissertation covering an area of personal study is also a core element of this programme.

Core modules include:

- Artworks
- Art Creative Project
- Art Research Project

The recommended option at Level 10 is: Presentation and Promotion, although you may choose from a range of available options at this level.

CAREER PROSPECTS

Career opportunities for CAP graduates include: practising artist within the context of today's diverse creative industries, plus a variety of roles and positions within museums, galleries, studios, arts centres, public art and public sector agencies, education bodies, festivals and art fairs. There are also numerous graduate opportunities for involvement at all levels of the expanding arts-based teaching sector, including community-based teaching as well as schools and colleges.

POSTGRADUATE STUDY

Opportunities for future Masters study will be available for Honours graduates who could progress to the University's MA in Creative Media Practice.

CREATIVE AND CULTURAL INDUSTRIES

Contemporary Screen Acting (3rd year entry)

THE NEW DEGREE IN CONTEMPORARY SCREEN ACTING IS AN INNOVATIVE PROGRAMME WHICH SITS ALONGSIDE OUR TWO HIGHLY SUCCESSFUL PROGRAMMES, BA (HONS) PERFORMANCE AND BA (HONS) MUSICAL THEATRE.

The BA (Hons) Contemporary Screen Acting is a two-year degree aimed at entrepreneurial acting students interested in the new media for delivery and dissemination of their creative acting talent. Typically they will have gained an HND in acting and performance or equivalent and now wish to embark on degree level study of screen acting and delivery through the new media, beginning at Level 9 in third year. Applicants are asked to prepare two contrasting screen acting pieces and will be invited to attend an interview.

The programme offers a distinct and unique student experience in the practical and theoretical study of contemporary screen acting, by the use of several new core modules specifically designed to combine creativity, flexibility, commerciality and entrepreneurship. It will appeal to students on a full-time basis, but due to flexible delivery, will also be an attractive prospect for actors who wish to expand their acting abilities. Uniquely, students will gain experience of working with external client groups such as SMEs, community groups, charities and voluntary bodies. The students liaise with these enterprises to create an authentic

commercial relationship between university and industry. Students then develop this relationship in order to publicise their client's activities on the web through the creation of screen acting artifacts such as interactive dramas, training videos, webisodes or viral ads. In addition, students are trained to create, record, and edit their own web deliverable screen actor's marketing showreel, and to publish through their own actors online blog. Lecturers are industry professionals with expertise in many areas including directing, acting and writing for popular television dramas.

Students will explore screen acting techniques for new green screen technologies and the expanding sphere of computer generated imaging. Increasingly it is the case that actors who work in the small and large screen are being asked to work in studio environments acting in complete scenes where they are the only human actor. At present, very little training is given for this type of work and UWS is the first university to offer this unique educational experience.

UCAS

W410 A BA/ScrAct

Campus

Ayr

School

Creative and Cultural Industries

Entry

Year 3 HND Acting and Performance.

Applicants may also be considered from any appropriate performance or screen-based HND.

NB All candidates will be interviewed.

Duration

BA 1 year

BA (Hons) 2 years

Contact

Stuart Hepburn

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

COURSE CONTENT

YEAR 3

Students will study the Commercial Screen Project, screen acting skills, camera acting techniques and researching creative practice. They can also choose from options such as team writing for television and TV presenting. Students will be able to take full advantage of the cutting edge facilities at the new Ayr Campus; using the computer labs, TV studios and recording facilities.

YEAR 4

Students will study modules such as the actor's showreel, screen drama, contemporary screen acting research, and create a major project such as a short film, an online publicity campaign, or trailer for a long-running TV drama.

CAREER PROSPECTS

The successful graduate will enter the job market, not as a passive actor awaiting a phone call from a casting agent, but as a trained, motivated individual capable of marketing themselves within the creative industries as a whole and on the web in particular.

CREATIVE AND CULTURAL INDUSTRIES

Creative Industries Practice*

THE BA (HONS) CREATIVE INDUSTRIES PRACTICE IS DELIVERED BY THE UWS SCHOOL OF CREATIVE AND CULTURAL INDUSTRIES, PART OF THE SKILLSET MEDIA ACADEMY.

Although it's possible to start the programme from Year 1, the degree is primarily aimed at students wanting to upgrade an HNC/HND qualification to a degree.

At Ayr Campus students study core modules each year and select the remaining modules from a range of subject choices. This option allows students to tailor their degree to suit interests or future career aspirations without specialising in a single route.

At Cardonald College students enter the third year of the programme and the focus is on graphic design.

COURSE CONTENT

AYR CAMPUS

YEAR 1

Six modules are studied during this year, aimed at developing the student's expertise in different areas. Options include Creative Writing A & B or TV Production.

YEAR 2

The student chooses a further six modules. These cover areas such as an introduction to scriptwriting, short films and British cinema.

YEAR 3

Modules include Work-related Learning, Rights and Creative

Industries plus a further four modules selected by the student.

YEAR 4

Students will work on two projects; Creative and Research. In addition they will be required to complete a further two modules.

CARDONALD COLLEGE

(3rd year entry)

Subjects include Work-Related Learning, Rights and Creative Industries plus four graphic design modules.

CAREER PROSPECTS

Graduates will seek employment in the creative industries, SMEs or on a freelance basis.

The degree offered at Cardonald College focuses on career options in graphic design.



Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

UCAS

Ayr Campus

W900 A BA/CIP

Cardonald College

W900 O BA/CIP

Location

Ayr Campus
Cardonald College

School

Creative and Cultural Industries

Entry

Higher BBBC, including English.

A-Level CCC. English required at GCSE.

Year 2 Entry may be possible with HNC in Communication, Media or related subject. **Year 3** Entry may be possible with HND in Communication, Media or related subject.

NB Applicants for the programme offered at Cardonald College must have an HND in Graphics and/ or Visual Design or related subject. Candidates with considerable industrial experience may be considered for direct entry to Year 3 of the degree on completion of an Accreditation of Prior Experiential Learning (APEL) claim.

Please note: applicants will be invited for interview.

Duration

Ayr Campus

BA 3 years

BA Hons 4 years

Cardonald College

BA 1 year

Contact

David Manderson

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

*At time of print, courses offered subject to final University approval.



CREATIVE AND CULTURAL INDUSTRIES

Digital Art

(3rd year entry)

TAKING YOUR ART AND DESIGN SKILLS TO A NEW LEVEL – THIS COURSE EXPLORES DESIGN FOR PRINT, SCREEN-BASED ART AND DESIGN, INTERACTIVE MEDIA, TIME-BASED ART AND INSTALLATION, OPENING UP CAREER OPPORTUNITIES IN A RANGE OF AREAS WITHIN THE CREATIVE INDUSTRIES.

This exciting UWS programme, with entry at Level 9, aims to widen access to art and design at higher education level, enabling college students to build on their qualifications and gain the practical expertise, creative thinking and aesthetic sensibilities attractive to employers in the creative industries.

Students develop practical experience in the more traditional skills of visual communication and principles of art and design. Through a range of activities, which include analytical drawing, figurative studies and design, students become proficient in the use of visual elements associated with traditional art practice. These topics provide the background knowledge and practical skills, essential to a digital art degree.

Digital media looks at how these art and design principles can be applied in the digital domain. Students use industry-standard hardware and software in their studies and cover topics such as Visual Communication, Graphics and Illustration, and Time-based and Interactive Media. Students also examine how (digital)

art and artists engage within broader cultural contexts and this provides the opportunity to develop critical thinking.

Professional issues within the creative industries are addressed. Students experience a number of studio and workshop practices that include individual and team work. There are opportunities to devise, at a professional level, creative projects that bring together all the art learning and digital skills acquired during the course. Guest lectures and workshop sessions with artists and designers of note are also an essential integrated element of many modules and students have had input from industry specialists from the BBC and STV, amongst others.

In addition, students are able to plan, mount and set up exhibitions of their own creative projects. In Year 3 there are opportunities for work-related learning.

APPLICANT SKILLS

Students will be expected to present a wide-ranging portfolio with evidence of drawing skills, experimentation and research. At interview, you should be

UCAS

W290 A BA/DA

Campus

Ayr

School

Creative and Cultural Industries

Entry

Year 3 HND Computer Arts; HND Visual Communication; HND Contemporary Arts Practice or other relevant specialised HND (or equivalent) qualification. Contact Admissions Officer for details.

NB all candidates will be interviewed and assessed on their portfolio.

Duration

BA 1 year

BA Hons 2 years

Contact

Robert Sutter
0141 848 7044
 (44 141 848 7044 outwith UK)
 uni-direct@uws.ac.uk

able to discuss your art and design skills and demonstrate a strong visual awareness through practical work. Evidence of photographic experience, art and design software proficiency, and evidence of an interest in research in the digital art subject area would also be beneficial at interview.

COURSE CONTENT

YEAR 3

Students will specialise in their major area(s) of digital creativity – graphic design and illustration, and interactive and time-based media. Fine art teaching will continue to develop student skills. Academic and theoretical subject material will prepare students for their Honours year.

Core modules include Advanced Visual Creativity, Critical Studies in the Visual Arts, Digital Media 3A, Digital Media 3B and Work-related Learning.

A recommended optional module may be chosen from: Graphics and Illustration, Rights and the Creative Industries, and Business Venturing.

EU OPPORTUNITIES

Students on the course will also be eligible to apply to study with one of our European partners in Trimester 2 of Year 3 as part of the European Union-funded Erasmus scheme.

You may also opt to take part in the Intercultural Design Camp, co-ordinated by the University and its Swedish, Belgian and German partners. This comprises a two-week intensive

summer school combining conceptual work and hands-on experience.

YEAR 4 (HONOURS)

You will be expected to utilise your core specialist skills in the development of self-generated creative projects covering digital and fine art. There are also opportunities to work collaboratively with fellow CCI students. Production of an Honours dissertation covering an area of personal study is also a core element for this programme.

Core modules include Artworks, Art Creative Project, and Art Research Project.

The recommended option at Level 10 is Presentation and Promotion, although you may choose from a range of available options at this level.

CAREER PROSPECTS

Graduates are likely to have employment opportunities in interactive media, film, television, graphics, computer games design and publishing. Graduates of this specialised visually creative degree would be attractive to employers across the creative industries. Previous students are working in the creative industries for such varied employers and organisations as BBC Scotland, Theatre Cryptic, Green Media, Ricefield Arts and Cultural Centre, the NHS (as a medical illustrator); while others are currently working as freelance illustrators, artists and designers, or with community arts and education organisations.

CREATIVE AND CULTURAL INDUSTRIES

Filmmaking & Screen-writing

ARE YOU LOOKING FOR A COURSE WHERE YOU CAN MAKE YOUR OWN FILMS AND WRITE SCRIPTS WHILST STUDYING CLASSIC AND CULT FILMS FROM AROUND THE WORLD?

Filmmaking and Screen-writing is an innovative degree course that will appeal to applicants interested in creative filmmaking, screen-writing, and film analysis. The programme is designed to allow students to develop the creative, critical and professional skills that are important within cinema, television and related cultural industries. Students will gain experience in key areas of production such as research and script-writing, camera and sound operation, and current post-production techniques. They will also build a portfolio of work over the duration of the programme.

The University is well equipped with the latest digital film technology, television studios, and performance spaces. Modules are taught by staff with high-profile filmmaking experience and leading independent makers. Students benefit from lectures and workshops by visiting industry professionals; recent guest speakers include film director Peter Mullan, and film and television writer Sergio Casci. Students will be able to develop interests in the historical, technological and aesthetic development of filmmaking. For example, students could choose to examine contemporary mainstream and independent American cinema, European cinema, and British

cinema. A work-based learning module offers the chance to gain experience in a relevant organisation or company as an option for students in Year 3.

COURSE CONTENT

YEAR 1

The first year of the programme introduces students to fundamental aspects of digital filmmaking and writing for the screen. Creative and technical skills are developed in modules covering video production and creative writing. Students may also take modules that complement practical filmmaking by encouraging the close, detailed analysis of how films are constructed and how a wide variety of films tell stories through techniques of narrative organisation, cinematography, editing and sound.

YEAR 2

In the second year students will further develop their creative skills in the contrasting contexts of fiction and documentary production. Second year students also benefit from specialised teaching in script-writing. Skills of critical analysis, research and writing can be developed in film studies modules that look closely at film genres, and which examine significant industrial, commercial and creative aspects of contemporary British cinema.

UCAS

WW68 A BA/FSW

Campus

Ayr

School

Creative and Cultural Industries

Entry

Higher BBBC including English.
A-Level CCC. English Language and Literature required @ GCSE.

Year 2 HNC in Creative Media, Communication or related subject.

Year 3 HND in Creative Media, Communication or related subject.

NB: candidates will be invited for interview.

Duration

BA 3 years

BA Hons 4 years

Contact

Andrew Jarvis

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

YEAR 3

This level allows the student to bring together skills that have been developed in previous years and engage in more ambitious filmmaking and script-writing projects. Year 3 places an emphasis on the professional and creative skills that are important within independent production. Students can continue to develop their critical skills by studying contemporary Hollywood filmmaking and by engaging with key theoretical perspectives and research techniques. During this year, students have the option of taking a work experience module, previous placements have been with companies such as STV, BBC Scotland, GFT (Glasgow Film Theatre) and independent organisations.

YEAR 4 (HONOURS)

Central to studies in the Honours year are two double modules: the Creative Project in which students develop a folio of creative work that provides evidence of a high standard of achievement in areas such as script-writing and directing; and the Honours Dissertation, a research project in which students carry out an independent study of an aspect of filmmaking which is of particular interest to them. A core module in film producing is taken by all students. In the Honours year, students can also choose from a range of film studies and creative practice options.

CAREER PROSPECTS

Moving image production (independent film, cinema and television) is growing considerably in Scotland and is creating a wide range of career opportunities not only in production, but also in exhibition, administration and education. The broad nature of this course and opportunities to specialise in a creative skills stream, mean that graduates will offer excellent professional, communication and analytical skills and be able to apply these to a number of areas of the media including film and television production, journalism, marketing, and management. Further study is possible at MA and PhD level.



CREATIVE AND CULTURAL INDUSTRIES

Journalism

THE FAST-MOVING WORLD OF JOURNALISM HAS CHANGED IN RECENT YEARS – NO LONGER CONFINED TO PRINT, NEW MEDIA HAS OPENED UP EVEN MORE OPPORTUNITIES FOR GRADUATES. IF YOU WANT TO BREAK THE NEXT BIG STORY, THIS COURSE WILL GIVE YOU THE STRONG PRACTICAL SKILLS NEEDED TO EXCEL IN THIS COMPETITIVE PROFESSION.

The BA (Hons) Journalism programme will provide you with the professional abilities and practical skills that journalists require to work in a newsroom. You will be taught general reporting, interviewing and writing skills that will prepare you for the demands of a convergent news environment where journalists produce news in a variety of formats for print, broadcast and online audiences. The course also has a strong academic element that underpins the practical aspects of journalism. It provides students with a knowledge of national and local government, the Scottish Parliament, the European Union, and international relations as well as civil and criminal law and the role each of these plays in the news media. Aspects of the role of the news media in society, ethical dilemmas facing journalists and technological innovations in the industry, are also studied. With strong emphasis on practical skills, all students undertake work placement in newspapers, magazines, broadcast and online news environments. Students regularly gain work experience in

local and national newsrooms across Scotland, with tabloid and broadsheet publications. Throughout the course, students are encouraged to develop their own portfolio of work and build and maintain professional contacts.

COURSE CONTENT

YEAR 1

Students are provided with a comprehensive introduction to a range of news-writing and reporting skills for print, broadcast and online news providers. Academic subjects enable study of a range of issues that are relevant to journalism and news production in the 21st century.

YEAR 2

As knowledge and skills deepen, you will be expected to undertake more advanced news-writing and newsgathering projects. Students will also have the opportunity to study magazine journalism and broadcast journalism. Academic subjects will include the study of politics and law and media regulation.

UCAS

P500 H BA/Jour

Campus

Hamilton

School

Creative and Cultural Industries

Entry

Higher BBBC or above including English.

A-Level CCC including English, plus English Language & literature @ GCSE.

Year 2 CertHE/HNC Journalism (Year 2 entry is dependent on course content).

Year 3 DipHE/HND Journalism (Year 3 entry is dependent on course content).

Duration

BA 3 years

BA Hons 4 years

Contact

Amanda Geary

0141 848 7044

(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

YEAR 3

All students will undertake work placement in news organisations during this year. Additionally, they will participate in a weekly news production class where they will produce news content for print, broadcast and online news. Students will undertake the study of ethics from a journalistic perspective and discuss the wider social and cultural responsibilities of journalism.

YEAR 4 (HONOURS)

In this year, you will undertake projects that lead to the completion of an Honours dissertation, a major research project where you carry out an independent study of an aspect of journalism and its role in society. Students will receive individual support and guidance from academic supervisors. Practical portfolio-based work will continue and you will be encouraged to continue to undertake appropriate workplace experience.

CREATIVE AND CULTURAL INDUSTRIES

Musical Theatre

(3rd year entry)

FOLLOW YOUR DREAMS OF SUCCESS WITH SCOTLAND'S FIRST MUSICAL THEATRE DEGREE. THIS UWS PROGRAMME, DEVELOPED AND DELIVERED IN COLLABORATION WITH STOW COLLEGE, GLASGOW, WILL ENABLE YOU TO BUILD ON YOUR HND (OR EQUIVALENT) QUALIFICATION TO DEGREE OR HONOURS DEGREE LEVEL AND GIVE YOU PRACTICAL EXPERIENCE IN A RANGE OF ASSOCIATED MUSICAL THEATRE GENRES.

This unique programme has been devised to prepare you as a 'triple threat' performer, with skills in acting, singing and dance; subjects which form the core of this degree. Individual and team work, personal and professional skills, and theoretical and analytical techniques are all addressed.

You should have a strong interest in musical theatre performance, singing, dance and acting and have the ability to discuss your views on performances you have seen. Applicants' likely interests should also include literature, writing, performance, music and art. Your audition for entry to the course will be before a panel including industry representation from areas such as direction, choreography and dance.

Modules have been designed to respond to a range of employment opportunities across the cultural and creative industries. You will be encouraged to develop, to a professional level, skills already gained during your previous studies, while learning new

choreographic techniques. At the end of Trimester 1 you will participate in a professionally produced musical theatre piece, in collaboration with your fellow students. This will be performed in a professional theatre setting and UWS students on the course have already staged productions of the musical Chess and the Scottish premiere of Margeurite, the musical theatre work by Alain Boubil and Claude-Michel Schönberg.

At the end of the Trimester 2 you will work with a partner to deliver your own 15-minute performance piece - in front of an invited audience of professionals, peers and agents - and also assist with the production, staging and direction of a fellow student's performance.

As a UWS Musical Theatre student you will also have the opportunity to take part in the School of Creative and Cultural Industries' annual student showcase event, which has taken place in major arts venues across Glasgow, including Centre for Contemporary

UCAS

WW34 S BA/MusT

Location

Stow College, Glasgow^

School

Creative and Cultural Industries

Entry

Year 3 HND Musical Theatre or equivalent.

NB Students will also be expected to attend an audition and interview where they will be required to sing one song from musical theatre repertoire, perform one monologue (approx 2 minutes) and attend a group dance workshop.

Duration

BA 1 year

BA Hons 2 years*

Contact

Jane Robertson

0141 848 7044

(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

*At time of print, the Honours year is subject to final University approval.

^The core module Researching Creative Practice is taught at the University's Paisley Campus.

Arts, Tron Theatre, The Arches, and Scotland Street School Museum.

COURSE CONTENT

YEAR 3

In Year 3 you will study acting, dance and choreography, production realisation, spoken word and voice, advanced singing and repertoire, musical theatre production and Researching Creative Practice.^

YEAR 4

In the Honours year you will study modules such as, Musical Theatre Specialism allowing you to specialise in acting, singing or dance; and Researching Creative Practice^ which brings together all elements of production and performance as well as researching and conducting a major project in an area of musical theatre that is of particular interest.

Areas of practical experience will include acting, singing, voice, jazz dance, tap dance, ballroom, choreography, musical theatre performance, and solo performance. Theoretical areas covered will include research, performance analysis, dissertation, teaching techniques and production techniques.

The degree is largely taught at Stow College's Hotspur Street Campus in the West End of Glasgow, where you will have access to specialist rehearsal rooms, training theatre, technical workshops and dance studios. Depending on your module choices, you may also have

the opportunity to study modules at UWS Paisley or Ayr campuses, as appropriate, and access the performance areas and library facilities there.

CAREER PROSPECTS

UWS Musical Theatre graduates will find employment opportunities in teaching, performance, theatre, production, research, community arts; and in entertainment roles in the travel and leisure industries.

"To the students of UWS, I hear you are doing the most wonderful show, Marguerite! I hope it is a huge success for you and that you get as much out of it as I did. Good luck to you all. Enjoy."

Ruthie Henshall

Stage and screen actor

CREATIVE AND CULTURAL INDUSTRIES

Performance

(3rd year entry)

THE BA PERFORMANCE DEVELOPS STUDENTS' PRACTICE AND KNOWLEDGE ACQUIRED FROM PERFORMANCE DIPLOMA COURSES ACROSS THE UK AND INTRODUCES RELEVANT NEW SKILLS.

This is achieved by:

- honing the stage acting skills the students arrive with
- enhancing skills in screen acting and community theatre
- introducing new skills in script-writing and directing

The three elements are framed by critical contexts, contemporary stage and screen practice and personal reflection. Practice-led research is encouraged to enable students to integrate practice with theory. Our staff are professional practitioners in the industry and are actively involved in research on theatre production, green screen and stage/screen adaption.

The programme is a third year direct entry course suitable for applicants who have a Higher National Diploma or equivalent in an acting/performance-related discipline. It is delivered at our Ayr Campus which is equipped with television and performance studios. Many of the programme lecturers work professionally and students will benefit from their experience. Recent guests lecturers have included Lorenzo Mele (Senior Arts Officer at Glasgow Life) and Martin McCardie (Scottish writer and actor). Applicants are encouraged to see the course as an honours degree programme

to enable them to benefit from the full range of modules and equip them with the knowledge and skills required of this competitive industry. It is, however, possible to exit after one year with an ordinary degree. Students are timetabled for three days a week over two trimesters and are given ample notice for extra rehearsal time required for the production aspects of the course.

COURSE CONTENT

YEAR 3

The core modules at this level are: Community Theatre Project 1 and 2 where students form touring theatre companies and take the theatre pieces they create and the drama workshops they design to settings as diverse as museums, prisons, schools, hospitals etc. Camera Acting Techniques focuses on character study and the technical aspects of portrayal required for film and television. Scriptwriting offers students an opportunity to write short scenes for both stage and screen. The optional modules include stage directing/acting and TV Presenting where students learn presenting skills for the studio and for location. All the modules are taught practically but require students to undertake research and engage with theory.

UCAS

W400 A BA/Perf

Campus

Ayr

School

Creative and Cultural Industries

Entry

Year 3 HND Acting & Performance or equivalent.

NB Students will also be expected to attend an interview and asked to perform two short contrasting performance pieces as part of the selection process.

Duration

BA 1 year

BA Hons 2 years

Contact

Jo Ronan

0141 848 7044

(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

YEAR 4

This is a challenging year where students identify the strengths of their practice and develop the confidence to integrate performance and cultural theory with practical projects. All five core modules Performance Pitch; Product; the double Research module; and Theatre Practice are designed to launch graduates into the profession. For the Pitch, Product and Research modules, students undertake a creative project where they develop an idea based on research in the field and actualise it in terms of stage/screen. The projects are showcased in professional venues in Glasgow like The Arches, the CCA, and The Stand, and other pubs and clubs. Theatre Practice prepares students for theatre work either as an actor or director focusing on audition skills and diverse approaches to theatre-making. The optional modules in this year are: The One Act Play where students write plays suitable for Glasgow theatre venues like the Oran Mor; and Screen Drama where students work in groups to produce a short film. Professional practice is at the heart of this year.

CAREER PROSPECTS

Students leave the programme as intelligent performance practitioners equipped with the breadth and diversity of skills required when entering into professional creative practice. Students will have skills for a broad range of work which can include acting; directing; producing for stage and screen; writing for film, television and stage; designing and delivering community theatre projects; and postgraduate entry to primary teaching and secondary drama teaching. Some students may go on to form their own companies.

"I chose to study BA Performance at UWS to help me further my career. I was already working as an actress and the programme offered new opportunities for me to explore. I also made some useful industry contacts. After leaving UWS I've worked on a number of exciting projects and the play that I've written was recently on at the Tron Theatre in Glasgow."

Julie Tsang

Actor and Playwright

"The BA Performance was a natural progression from the college course I was studying. It equips you with quite a diverse range of skills and it's practical. I use the techniques from the programme for both acting and script-writing. It offered me flexibility as I could continue to study while working as an actor."

Paul Donnelly

Actor (most recently starring in Peter Mullan's Neds)



CREATIVE AND CULTURAL INDUSTRIES

Photography

(3rd year entry)

UWS'S BA (HONS) DEGREE IN PHOTOGRAPHY, DEVELOPED AND TAUGHT IN COLLABORATION WITH CITY OF GLASGOW COLLEGE, WAS LAUNCHED IN SESSION 2010/11, AND PROVIDES A NATIONAL AND INTERNATIONALLY RECOGNISED QUALIFICATION.

Synergies between the photographic and digital imaging areas are now apparent in an industrial context, bringing opportunities for new and exciting creative practice. Within this programme there are also opportunities to explore the photographic and digital imaging subject areas within critical and reflective contexts.

The programme is delivered at the North Hanover Street campus of City of Glasgow College by staff from the College and the University. Students gain practical experience in the College's digital and analogue photography labs and studios as part of their studies, and also have the chance to undertake modules in arts-related business subjects at the University's campus in Ayr.

COURSE CONTENT

The course focuses on practice-led photographic areas and work-related experience while providing opportunities for business, entrepreneurship and enterprise activities. Guest lectures and workshop sessions with photographers and contemporary digital practitioners are also an essential integrated element of many modules.

In addition, you will be able to plan, mount and set up exhibitions of your own creative projects in city centre locations. Previous venues for University exhibition work include The Lighthouse and the Centre for Contemporary Arts in Glasgow.

YEAR 3

You will specialise in your major area(s) of photographic creativity, as well as reflecting upon your practice within a broader art and design and creative industries context. Academic and theoretical subject material will prepare you for your Honours year.

Core modules are: Photography 3A, Critical Studies in the Visual Arts, Photo Imaging, Photography 3B and Work-related Learning. You will also select an option module from Photography (Extended Development), Rights and Creative Industries, and Business Venturing.

UCAS

W690 G BA/PhD1

Location

City of Glasgow College (some options may also be studied at the University's Ayr Campus)

School

Creative and Cultural Industries

Entry

Year 3 HND in Photography or relevant professional experience.

NB all candidates will be interviewed and assessed on their portfolio.

Duration

BA 1 year

BA Hons 2 years

Contact

Robert Sutter

0141 848 7044

(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

WORK-RELATED LEARNING

For your work-related learning module you will be expected to work to an industry-set brief from a professional body such as The Association of Photographers (AoP) or Design and Art Direction (D&AD) - the British educational charity which promotes excellence in design and advertising – (www.dandad.org), or from a creative industries employer. Students on the course have undertaken work-related learning with a range of companies including: Daily Mail, Glasgow School of Art, Mallinson TV Productions, and Venture Glasgow photography studio.

Students will also have the opportunity to work on collaborative projects with fellow students on the University's performance and creative industries programmes.

EU OPPORTUNITIES

Students on the course will be eligible to apply to study with one of our European partners in Trimester 2 of Year 3 as part of the European Union-funded Erasmus scheme. You may also opt to take part in the Intercultural Design Camp, co-ordinated by the University and its Swedish, Belgian and German partners. This comprises a two-week intensive summer school combining conceptual work and hands-on experience.

YEAR 4 (HONOURS)

In this final year, you will be expected to utilise your core specialist skills in the development of self-generated creative projects. Production of an Honours dissertation covering an area of personal study is also a core element of this programme.

Core modules include Photoworks, Photography Creative Project and Photography Research Project.

The recommended option at Level 10 is Presentation and Promotion, although you may choose from a range of available options at this level.

CAREER PROSPECTS

A wide and exciting range of career opportunities is possible following successful completion of this course. The creative industries sector encompasses a dynamic range of creative practice and economic activities including, at its core, visual media. Photography holds a key role within the creative industries sector and as a graduate of this course it is expected that you will be well placed to play your part in these industries.

POSTGRADUATE STUDY

Opportunities for future Masters study will be available for Honours graduates who could progress to the University's MA in Creative Media Practice.

CREATIVE AND CULTURAL INDUSTRIES

Sports Journalism

LOVE SPORT? IF YOU WANT TO LIVE, BREATHE AND WRITE ABOUT A SUBJECT YOU'RE PASSIONATE ABOUT, THEN OUR DEGREE IN SPORTS JOURNALISM COULD BE YOUR NEXT BIG GOAL.

UWS is the first university in Scotland to offer the BA Sports Journalism degree. The programme will provide you with the professional abilities and practical skills that will prepare you to work in the exciting and growing field of sports journalism. At the core of the programme will be the development of essential journalism skills. You will be taught reporting, interviewing and writing skills that will prepare you for the demands of a convergent news environment where sports journalists produce news for print, broadcast and online audiences. The course will bring together a range of practical, professional journalism skills with a well-developed knowledge and understanding of the role of sport in society and communities. The course also has a strong academic element that underpins the practical aspects of journalism and sport. You will have the opportunity to study aspects of the law and how it relates to both journalism and sport, the cultural aspects of both journalism and sport, the importance of sport to local and national economies and the role of the ethical reporter in the 21st century.

National sports writers and broadcasters are invited to present guest lectures throughout the course e.g. from The Herald, Sun and BBC.

With its strong emphasis on practical skills, all students undertake work placement in newspaper, magazine, broadcast and online news environments. Students gain work experience in local and national newsrooms, with tabloid and broadsheet publications, local and national broadcasters and online sports news organisations. Students are encouraged to develop their own portfolio of work and build and maintain their own professional contacts.

COURSE CONTENT

YEAR 1

Students are provided with an introduction to a range of news writing and sports reporting skills for print, broadcast and online news providers. Academic subjects enable students to study a range of issues that are relevant to sport and journalism in the 21st century. In Years 1 and 2 students also learn about the sports cycle and covering sports press conferences.

UCAS

P501 H BA/SpJ

Campus

Hamilton

School

Creative and Cultural Industries

Entry

Higher BBBC or above, including English.

A-Level CCC including English, plus English Language and Literature @ GCSE.

Year 2 CertHE/HNC Journalism (Year 2 entry is dependent on course content).

Year 3 DipHE/HND Journalism (Year 3 entry is dependent on course content).

Duration

BA 3 years

BA Hons 4 years

Contact

Elizabeth McLaughlin

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

YEAR 2

As students' knowledge and skills deepen, they will be expected to undertake more advanced newswriting and news gathering projects. Students will also continue to develop their specialist skills in sports reporting through a range of practical and theoretical modules.

YEAR 3

All students will undertake work placement in news organisations. Additionally, students will participate in a weekly news production class where they will produce news and sports content for print, broadcast and online news. Students will examine the role of sports in society and discuss the wider social and cultural responsibilities of journalism. Sports commentary is also covered during this year.

YEAR 4 (HONOURS)

In this year, students will undertake projects that lead to the completion of an Honours dissertation, a major research project where students will carry out independent study of an aspect of sports journalism. Students will receive individual support and guidance from academic supervisors. Practical portfolio-based work will continue and students will be encouraged to continue to undertake appropriate workplace experience.

"I'm delighted to contribute to the first specialist course in Scotland. When the panel met to discuss the course I emphasised the importance of crossover skills and not separating one medium from another: print, online, TV, radio – young journalists need to be able to adapt their skills to a number of platforms. And practical assessment is key to their success."

Darryl Broadfoot

Herald sports journalist and UWS industry panel member

EDUCATION

IF YOU WANT
A REWARDING
AND STIMULATING
CAREER, EDUCATION
COULD BE THE RIGHT
CHOICE FOR YOU.



EDUCATION

GETTING INVOLVED IN THIS SECTOR OFFERS AN EXCITING OPPORTUNITY TO MAKE A REAL DIFFERENCE – WHETHER IT'S WORKING WITH CHILDREN IN A PRE-SCHOOL SETTING OR TEACHING IN A SCHOOL. UWS STUDENTS GRADUATE WITH EXTENSIVE THEORETICAL KNOWLEDGE AND PRACTICAL SKILLS GAINED THROUGH WORK-RELATED LEARNING, ENSURING THAT THEY ARE MORE THAN ABLE TO MEET THE EXPECTATIONS OF EMPLOYERS.

The School of Education undergraduate and postgraduate courses are principally taught at Ayr and Hamilton campuses. Childhood Studies is offered at Dumfries Campus, and may also be offered at Hamilton Campus subject to demand. The School is a centre of experience in teaching and learning and reinforces our commitment to offering the best possible learning environment for students.

PRACTICAL EXPERIENCE

Primary Education students enjoy hands-on work experience in relevant school settings throughout their studies. 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 students to put theory into practice in a real-life setting.

RESEARCH AND EXPERTISE

School of Education staff have a reputation for research and curriculum development in the education sector. Recent areas of significant research output include: policy studies in education; initial teacher education, policy and practice; affective education; art education; Holocaust studies in education; language education; inclusive education; and youth studies. Our recent in-service and consultancy work with schools and local authorities includes: Curriculum for Excellence interdisciplinary teaching, art and design and assessment and moderation. Our staff also enjoy representation with several public sector organisations.

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THE RESOURCES TO SUCCEED

Education students have access to a wide range of progressive teaching and learning facilities including interactive whiteboard technologies and interactive classroom communication systems.

A SCOTTISH BEd QUALIFICATION

Since 2002, a year-long, salaried teaching position has been guaranteed to eligible, appropriately qualified BEd graduates of Scottish universities. During this induction period, fresh graduates receive full support towards achieving the Standard for Full Registration with the General Teaching Council for Scotland. After completing their induction employment, graduates are very successful in obtaining teaching posts.

A Scottish BEd is a highly regarded qualification for teaching in the rest of the UK, other English speaking countries, or schools elsewhere using English as the language of instruction. Recent BEd graduates have gained employment overseas in Cyprus, Germany, Italy, Spain, United Arab Emirates, Taiwan, Japan and New Zealand.

CONTINUING PROFESSIONAL DEVELOPMENT

Continuing Professional Development (CPD) is increasingly important for those working within a learning and teaching context. The School of Education delivers a range of career-focused CPD programmes and is expanding this portfolio to support a range of employment contexts. Technology enhanced learning is a feature of course delivery and a number are developed in partnership with national organisations and local authorities. CPD provision is popular with graduates from the University.

"I came to university from school. Studying at UWS is how I aim to achieve what I want – in five years time I'd ideally like to be teaching abroad. I'd recommend the location of the campus where I'm studying (Ayr) – it's not in the smog of a city, but is still easy to reach."

Kyle Dudding
Primary Education
Student

EDUCATION

Childhood Studies

EARLY CHILDHOOD IS A CRUCIAL STAGE IN A CHILD'S FUTURE DEVELOPMENT – THIS REWARDING DEGREE COURSE GIVES YOU THE OPPORTUNITY TO PLAY AN IMPORTANT ROLE IN SUPPORTING CHILDREN AND THEIR FAMILIES IN A VARIETY OF ENVIRONMENTS.

Our Childhood Studies programme is offered on a full-time basis at Ayr Campus (see opposite for details of provision in Dumfries and Hamilton). The existing structure has been designed to allow students entering at Year 2 to build on their previous qualifications, upgrading to degree level through two years of university-level study. The degree has been designed to deepen understanding of a variety of issues related to childhood and services for children and their families.

Students will develop their existing skills and knowledge, consider the values that underpin work in children's services and appreciate the importance of professionals from differing disciplines working in partnership. The programme aims to enable students to promote children's learning effectively and to develop the ability to work as a reflective practitioner. The degree develops students' knowledge and skills and addresses management issues in childcare settings. The programme is informed by developments in the childcare sector and is student focused with one-to-one support embedded in the programme. Students will have the

chance to complete two three week blocks of work-based experience each year.

COURSE CONTENT

YEAR 2

Early childhood curriculum theory and practice is examined along with supporting children's learning in the workplace. Health and well-being and understanding of equality, social justice and inclusion is developed. In Trimester 2, disposition to learn and multiple intelligences are studied and self-reflection skills are developed. Leadership and teamwork are studied and put into practice in a variety of childcare settings.

YEAR 3

Students undertake the study of communication, language and early literacy, complemented by work in placement. Skills management and leadership are further developed. Students examine, reflect upon and critically evaluate current social policy relating to integrated working. The policies and practices of childcare in a selection of other countries is studied as well as the wider Scottish

UCAS

Ayr
L560 A BA/ChS

Dumfries
L560 D BA/ChS

Hamilton
L560 H BA/ChS

Campus
Ayr, Dumfriest, Hamilton**

School
Education

Entry

Year 2 HNC Early Education and Care or HNC Childcare and Education.

- In addition a Higher at C or above (or equivalent) in English is preferred.
- Applicants with similar childcare qualifications and qualifications pre-dating HNC should contact the University for advice on Recognition of Prior Learning.

Duration

BA 2 years

Contact

Dorothy Johnson
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

children's workforce. Creativity in the curriculum is also studied and the expressive arts are used to promote creativity. Students are introduced to qualitative research methods and undertake a research project.

CAREER PROSPECTS

Students who successfully complete this degree will be able to seek employment in a range of childcare environments. These may include work in the integrated childcare services working with children under five, or out-of-school care. Employment opportunities also exist in project work offering support for children and their families. Graduates have also found employment opportunities as early years officers with local authorities, or trainers and lecturers with early education and care training agencies and colleges. For graduates with appropriate experience there may be opportunities to progress to social work qualifications or to gain a Childhood Practice qualification. Graduates may also be eligible to make application to university postgraduate initial teacher education programmes (Primary Education) if they have the required passes in English and Maths. (Please note that BA Childhood Studies is not a nursery or primary teaching qualification. This qualification does not allow registration with SSSC as a Lead Practitioner).

PROTECTING VULNERABLE GROUPS SCHEME (PVG)

Applicants will be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme), managed and delivered by Disclosure Scotland. For more information on the PVG Scheme please refer to www.scotland.gov.uk/Topics/People/Young-People/children-families/pvglegislation

†Provision in Dumfries

BA Childhood Studies is offered on a full-time basis at Dumfries Campus. It is designed for students holding relevant Higher National qualifications (see entry requirements as previously detailed) to gain access to Year 2 and to obtain a BA qualification through two years of University study. Provision in Dumfries is offered subject to student demand.

**Provision in Hamilton

BA Childhood Studies will be offered at Hamilton Campus subject to demand – contact University Direct on 0141 848 7044 (44 141 848 7044 outwith UK) for more information on this.

EDUCATION

Primary Education

BUILD A STIMULATING CAREER IN PRIMARY TEACHING WITH THIS CHALLENGING FOUR-YEAR DEGREE COURSE, WHICH PREPARES YOU FOR A REWARDING CAREER IN THE CLASSROOM.

The Primary Education course is designed to equip you with the skills to become an effective primary school teacher within a modern educational environment. In addition to gaining the award, successful completion of the course will provide you with the formal teaching qualification necessary for provisional registration with the General Teaching Council for Scotland, a pre-requisite for taking up a teaching post in Scotland.

Throughout the four-year course, students will gain practical placement experience across all stages of the primary school, including pre-school. Placements take place within many local authorities, including Ayrshire, Dumfries & Galloway, East Renfrewshire, Glasgow, Inverclyde, North and South Lanarkshire, and Renfrewshire. Students may be offered placements in rural or urban school environments.

The programme covers core professional elements in primary education, which include School and Professional Studies and Curricular Studies. Curricular Studies comprises, amongst others, aesthetics, humanities and mathematical and scientific studies, all of which link to the primary school curriculum. Opportunities

are available to specialise in an area of personal interest, eg, modern languages, ICT or art. This helps to develop teaching skills and a personal interest to assist with a future teaching career. Students will benefit from staff expertise, in particular the active research culture within the School, and the experience of working teachers.

COURSE CONTENT

YEAR 1

Year 1 focuses on the theme of 'Students as Learners'. It covers topics such as foundation skills, how we learn, English language, modern foreign languages, mathematical and scientific studies, art, music, dance, drama and school and professional studies. Students have the opportunity to spend four weeks in a primary school, observing all stages.

YEAR 2

This year focuses on the theme 'Students as Teachers – Pupils as Learners'. It develops students' professional knowledge and skills through further study of mathematical and scientific studies, English language, drama and aesthetics, as well as initial study of social studies, RME and health education. School and professional studies prepares students for a period of school experience in middle primary.

UCAS

X120 A BEd/Pr

Campus

Ayr

School

Education

Entry

Higher Normally BBBB including English, plus Maths @ S Grade (Credit) or equivalent.

A-Level BCC or CDDD, plus four GCSEs including Maths @ A or B and English Language and English Literature. An offer of a place is conditional on a successful interview.

Contact the School of Education Admissions to discuss other qualifications for entry.

Duration

BEd Hons 4 years

Contact

0141 848 7044

(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

YEAR 3

'Students as Developing Professionals' is the theme of Year 3. This covers additional curricular studies, school and professional studies, and research-informed studies. A specialist academic option – such as Visual Culture, Modern Foreign Languages, Holocaust Studies, and Additional Support for Learning – will also be offered. School experience involves a seven week placement in pre-school and the early stages of primary school.

YEAR 4 (HONOURS)

In the final year, the focus is on 'Students as Research Informed Professionals', with topics covering educational theory, educational policy and practice, and school experience (this involves a nine week placement in schools). Students will also complete a dissertation.

CAREER PROSPECTS

Employment opportunities for primary teaching graduates are good, with new graduates entering a guaranteed one year induction post. This enables graduates to complete their one year probation and achieve the standard required for full registration with the General Teaching Council for Scotland. Recent graduates have found posts throughout Scotland and in England, Northern Ireland, Canada, New Zealand and other Commonwealth and EU countries. The versatility of the BEd degree is also highly regarded in fields

other than education by employers who value the strong personal transferable skills that graduates have developed.

PROTECTING VULNERABLE GROUPS SCHEME (PVG)

Applicants will be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme), managed and delivered by Disclosure Scotland. For more information on the PVG Scheme please refer to www.scotland.gov.uk/Topics/People/Young-People/children-families/pvglegislation

ENGINEERING



ENGINEERING
HAS CHANGED
OUR WORLD.

ENGINEERING

IF YOU WANT TO INFLUENCE THE FUTURE OF THE MODERN WORLD OUR ENGINEERING PROGRAMMES ARE A GREAT STEP TO BUILDING A STRONG CAREER. MANY PROGRAMMES OFFER THE CHANCE OF PAID PLACEMENT AT HOME OR ABROAD TO GIVE YOU A PRACTICAL INSIGHT INTO INDUSTRY, WHILE ENHANCING YOUR CAREER PROSPECTS.

Employers have included:

- Doosan Babcock Energy Ltd
- Scottish Water
- BAe Systems
- British Energy
- Babcock Rail

Industry-standard facilities include:

- Paisley Campus – fully equipped manufacturing workshop; materials testing and analysis facilities; metrology laboratory; rapid prototyping centre; assembly and welding laboratories
- Hamilton Campus – new £2.1 million engineering centre opened 2008, with particular focus on the design and motorsport engineering disciplines
- Both campuses utilise a range of industrial applications software such as PRO/Engineer, Ansys, Fluent, AutoCAD, MS Project and WITNESS

FORMULA STUDENT

We are one of only two universities in Scotland with a 'Formula Student' team. Students have the chance to participate in the Institution of Mechanical Engineers' 'Formula Student' competition, in which they have to design, build, develop and race a single-seater racing car. The competition attracts entries from universities all over the world and helps students develop the management, marketing and communication skills that are vital in the workplace.

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A TRACK RECORD OF WORKING WITH INDUSTRY

- A new, and ground-breaking, joint venture with industry was initiated by the University which established an independent Centre for Engineering Education & Development (CEED), to champion excellence in engineering for the benefit of individuals, companies and the Scottish economy.
- The University's BEng Aircraft Engineering has been designed to meet the needs of Scotland's aerospace companies, and the University has successfully achieved funding from the Scottish Funding Council to provide the necessary infra-structure for many of the key elements of the programme.
- The University is undertaking a number of KTP (Knowledge Transfer Partnerships) in the engineering sector, to help develop local companies and assist in their prototyping and development.

"My course is all-encompassing and the skills I'm gaining should offer me flexibility when it comes to finding a job. Formula 1 has always been my biggest influence and I want to work in that sector after I finish university."

Kathryn Shaw
Motorsport Design
Engineering Student

ENGINEERING

Aircraft Engineering

THIS NEW PROGRAMME, DEVELOPED IN COLLABORATION WITH AYR COLLEGE, HAS BEEN DESIGNED TO ARTICULATE WITH THEIR HND IN AIRCRAFT ENGINEERING. THE SCOTTISH FUNDING COUNCIL HAS AWARDED FUNDING OF £1.3 MILLION TOWARDS THE CONSTRUCTION OF A PURPOSE-BUILT TEACHING FACILITY HOUSING THE INDUSTRY-STANDARD EQUIPMENT TO SUPPORT THIS EXCITING JOINT INITIATIVE.

The programme focuses on three strands of study: aircraft operational aspects; design methods incorporating some of the software tools used in aircraft design; and several management topics. In addition, a project or industry-based activity is included as a key integrating element. Hands-on experience is a major part of the course and you will have access to state-of-the-art computer laboratories and software used in the aircraft design process. You will also have the opportunity to undertake individual and group-based projects in appropriate subject areas allowing you to apply the knowledge gained in lectures to industrial projects and case studies. During the development of the programme, major industry players were consulted such as the SFC, BAE Systems, Spirit, Goodrich and Ryanair. The programme has been designed to meet the needs of the aerospace cluster located in south-west Scotland, but is appropriate to the industry as a whole.

COURSE CONTENT

The programme aims to provide students with skills appropriate to the aircraft design, manufacturing and repair sectors, and builds on the topics covered on relevant HND programmes of study. The aerospace-related topics taught on the programme include advanced avionics, aerodynamics and the design of aerospace structures which are complemented by traditional engineering topics such as project management, prototyping and testing and finite element analysis. Composite materials are increasingly utilised as part of an aircraft's structure and students will be introduced to their design, manufacturing and testing requirements. The programme is delivered through traditional lectures which are supported by 'hands-on' laboratory and practical activities relevant to the aircraft industry. The programme includes a number of unique specialist modules, not offered anywhere else in Scotland.

UCAS

H410 Y BEng/AirE

Location

Ayr College

School

Engineering

Entry

Year 3 HND in Aircraft Engineering or other Engineering discipline.

Other relevant HND qualifications will also be considered. Please contact the Admissions Officer for further information.

Duration

BEng 1 year
BEng Hons 2 years[^]

Contact

Dr Bob Bailey
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

NB Some option modules may be delivered at the University's Paisley Campus.

[^]At time of print, the Honours year is subject to final University approval.

Students will gain valuable experience in the workplace on the programme with consultancy firm Inter-tech. It is also possible for students to apply for placement experience with Airbus France. These students can take an additional module in conversational French in conjunction with their placement.

CAREER PROSPECTS

As a graduate, your wide-ranging skills will be in demand by aerospace companies allowing you to take on a role in design, manufacture or maintenance. A variety of exciting career opportunities could be available including junior management roles, technicians, structural aircraft design and maintenance. It is possible to use the degree to secure work abroad. Successful completion of the degree would also allow progression to postgraduate study on one of the University's PgD/MSc programmes.

ENGINEERING

Chemical Engineering

CHEMICAL ENGINEERING FOCUSES ON THE PRODUCTION PROCESSES INVOLVED IN AREAS SUCH AS THE FOOD, PHARMACEUTICAL, PETROCHEMICAL, PLASTICS, DYES, HEALTH, COSMETICS, HOUSEHOLD GOODS, ENVIRONMENTAL, MICROELECTRONIC AND REFINING SECTORS.

Chemical engineers are involved in the design, operation and management of plants and equipment that process materials. This could include designing and commissioning new manufacturing plants, managing staff or developing environmentally friendly processes. Chemical Engineering is at the forefront of the quest to produce clean energy and satisfy human needs in several areas such as health, food, etc in an environmentally friendly and sustainable manner. Chemical Engineering graduates are consistently among the most sought after by employers in a variety of sectors because of their broad scientific knowledge, problem-solving and practical skills.

This course is designed to meet the continuing demand for suitably trained graduates and offers you a unique opportunity to pursue a diverse range of career paths. The programme includes foundation courses in chemistry, mathematical sciences and engineering principles which will provide a sound base for later engineering studies.

The broad-based nature of the course at earlier levels offers you the

possibility to select another chosen degree route if you opt to do so up to your 2nd year, maximising your career options. The course combines academic studies, hands-on experience and group projects to ensure you develop the essential practical and communication abilities required by employers in a modern and dynamic economy. You will undergo a period of pilot plant-based training as part of the course. In addition, you will have the opportunity to undertake a year's paid industrial placement as part of your degree. We also invite industry experts, such as TUV NEL, to share their expertise with students through guest lectures.

There are two routes through the programme, enabling students to achieve a BEng or a BSc qualification upon successful completion of studies. The BEng qualification is accredited by the Institution of Chemical Engineers (IChemE), the professional body for the industry, and the degree content recommended for this route is in line with the IChemE academic requirements. The BSc, whilst not accredited, offers a wide range of subject combinations

BEng route
UCAS
H810 P BEng/ChE

Campus
Paisley

School
Science

Entry
Higher BBB including two science-based subjects plus English, Maths and Chemistry at least @ 5 Grade. (Note: Candidates lacking Higher Chemistry may be admitted if it is judged that any deficiency can be easily rectified).

A-Level CC, including Maths and one science-based subject, plus GCSE Chemistry, English and Maths required.

Year 2 HNC Chemical Engineering or related subject (including Process Technologies).

Year 3 HND Chemical Engineering or related subject (including Process Technologies).

Duration
BEng Hons 4 years
BEng Hons (Sandwich) 5 years

Contact
Dr Richard Thacker
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk



for students who wish to tailor their programme to meet their own interests and gain added flexibility in module choice. Students select their degree route at the end of Year 2. Sandwich placement options are available as part of both degree pathways between Years 3 and 4.

COURSE CONTENT

YEAR 1
Studies in maths, chemistry and engineering fundamentals lay the foundation on which later chemical engineering subjects are based.

YEAR 2
Study time in Year 2 is spent on chemistry, maths and chemical engineering modules that build on the foundations laid in the first year.

YEAR 3
This year is entirely devoted to mainstream studies of various subjects relevant to chemical engineering, including process design, transport processes, engineering thermodynamics, separation processes, environmental protection, safety and process control.

(OPTIONAL) INDUSTRIAL PLACEMENT

One year can be spent on paid placement as a supervised, junior chemical engineer in industry. Placements are obtained competitively and can be in any branch of the chemical industry in the UK or abroad. Our students have previously been placed with organisations

such as GlaxoSmithKline, British Nuclear Fuels and Sellafield Ltd.

YEAR 4 (HONOURS)

You will undertake one final year of intensive chemical engineering studies including advanced topics in separation processes, catalysis and reactor design, thermal systems design and integration, process safety and control and some economic aspects of the discipline. You will undertake a Chemical Engineering Design Study as a substantial part of your final year programme.

CAREER PROSPECTS

Chemical engineers are consistently among the most highly paid graduates of any subject, due mainly to their major responsibility for capital investment projects. Recent graduates have gained employment with a variety of major companies. Some recent examples of job roles include Plant Engineer at GlaxoSmithKline; Design Engineer with Foster Wheeler; Process Engineer with Texaco; Safety Engineer with BNFL Sellafield; Pilot Plant Engineer with Seal Chemicals; Process Engineer at Doosan Babcock; Plant Engineer with Nestlé; Research Engineer for Joint European Torus Project; and Researcher with Procter and Gamble.

PROFESSIONAL RECOGNITION
The BEng programme is accredited by the Institution of Chemical Engineers (IChemE).

BSc route
UCAS
H813 P BSc/ChEn

Campus
Paisley

School
Science

Entry
Higher BBC, including two science-based subjects plus English, Maths and Chemistry at least @ 5 Grade.
A-Level CD, including Maths and one science-based subject, plus GCSE Chemistry, English and Maths required.

Year 2 HNC Chemical Engineering or related subject (including Process Technologies).

Year 3 HND Chemical Engineering or related subject (including Process Technologies).

Duration
BSc 3 years
BSc Hons 4 years
BSc Hons (Sandwich) 5 years

Contact
Dr Richard Thacker
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk



Engineering Civil Engineering

CIVIL ENGINEERS SPECIALISE IN THE PLANNING, DESIGN, CONSTRUCTION AND MAINTENANCE OF BUILDINGS, BRIDGES, ROADS, AIRPORTS, WATER AND SEWAGE SYSTEMS, POWER STATIONS, RAILWAYS AND MANY OTHER PROJECTS WHICH SERVE THE COMMUNITY. THE FOUR-YEAR BEng HONOURS (SANDWICH) COURSE WILL ENABLE YOU TO DEVELOP THE TECHNICAL, MANAGERIAL AND FINANCIAL SKILLS NECESSARY TO SOLVE THE PRACTICAL PROBLEMS OF DESIGNING, CONSTRUCTING AND ORGANISING CIVIL ENGINEERING PROJECTS.

The course covers broad-based civil engineering subjects, providing you with the basis for later career development in specific areas. In Year 4, you continue to study the main themes in Civil Engineering. You will be able to qualify as a civil engineer with the specific background and awareness to plan, design and implement appropriate projects. Throughout the degree, the practical application of each subject is stressed. There are two twenty-week periods of paid industrial training included within the course to enable you to become familiar with the practical side of the profession. The course also features field trips which cover surveying and site inspection. During the programme students visit the National Construction College to study specialist skills such as concrete construction, steel fixing, drainage and scaffolding. This offers hands-on, practical experience.

Students who start on the BSc course may be eligible to transfer to the BEng Hons depending on performance.

COURSE CONTENT

YEAR 1

Maths and science modules provide an understanding of essential scientific methods. Structural mechanics provides a firm basis for structural analysis in later years, with some design and project work being included. An introduction to the engineering industry is given with lectures and practical work. Communication, drawing and computing skills are developed as a foundation for work in later years, with assignments based on examples from industry.

YEAR 2

Sustainable construction is introduced and the properties and uses of Civil Engineering materials are studied. Design of structural elements covers the design and analysis of

UCAS

BEng Civil Engineering

H200 P BEng/CE

BSc Civil Engineering

H201 P BSc/CE

Campus

Paisley

School

Engineering

Entry

Higher BBB (BEng) including Maths, or BCC (BSc) preferably including Maths. English and a science subject required @ S Grade for both the BEng and BSc.

A-Level CC (BEng) or DD (BSc) including Maths and preferably another science subject, plus three GCSEs including English and a science subject.

Year 2 HNC Civil Engineering. Contact Admissions Officer for details.

Year 2 Direct entry with appropriate A levels – contact Admissions Officer for details.

Year 3 HND Civil Engineering. Contact Admissions Officer for details.

Duration

BSc 3 years

BEng Hons (Sandwich) 4 years

Contact

Callum Tooth

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

structures while hydraulics examines the engineering applications of the laws of fluids. Applied geology introduces the properties and behaviour of soils and rocks. Students also develop skills in surveying. Industrial studies familiarise students with the commercial environment in which the industry operates.

INDUSTRIAL TRAINING

Students spend a twenty-week period of paid employment in industry.

YEAR 3

Students continue to study the main subjects of structural engineering, water engineering, ground engineering and construction technology. Project management introduces the problems inherent in the management of construction and the techniques used in their solution. A two-week group design project is undertaken to give students experience of working in a design team.

INDUSTRIAL TRAINING

Honours students spend a twenty-week period of paid employment in industry.

YEAR 4 (HONOURS)

The final year project provides a significant opportunity for students to undertake an investigation into a subject area of their choice. Students also undertake study in structural engineering and design, ground engineering, construction and management, renewable energy, and materials.

CAREER PROSPECTS

Careers as a civil engineer are varied, ranging from design and construction in private industry to employment with national industries or with local, regional or central government. Many major construction firms actively seek university graduates because they are capable of making a useful contribution to a professional team from the moment they begin work. As a graduate, you are likely to gain employment with a major contracting or consulting engineering company. At the time of writing, career opportunities for civil engineering graduates are available with excellent starting salaries.

PROFESSIONAL EXEMPTIONS

The BEng Honours course is accredited by the Institution of Civil Engineers and the Institution of Structural Engineers as fully satisfying the educational base for an Incorporated Engineer (IEng). See www.jbm.org.uk for further information. A graduate with our BEng (Hons) degree may progress to Chartered Engineer status after appropriate further study such as an accredited technical Masters degree.



ENGINEERING

Computer-Aided Design

THERE IS INCREASING PRESSURE ON MANUFACTURING ORGANISATIONS TO BE MORE PRODUCTIVE, EFFICIENT AND PRO-ACTIVE TO MARKET NEEDS. THIS HAS MEANT THAT MANUFACTURERS HAVE HAD TO ADOPT NEW, FASTER AND FUNCTIONALLY ADVANCED DESIGN, MANUFACTURING AND COMMUNICATION TOOLS IN ORDER TO MAINTAIN A COMPETITIVE ADVANTAGE. CURRENT COMPUTER MODELLING TECHNIQUES ENABLE SOPHISTICATED DESIGN SOFTWARE TO BE USED AT AN EARLY STAGE IN THE DESIGN, PROTOTYPE DEVELOPMENT AND MANUFACTURE OF A PRODUCT.

The course is a tertiary level, two-year programme of study which will provide students with the opportunity to enhance existing qualifications in design, or a related area, to degree and Honours level. The course focuses on the selection, use and development of modern design and development software tools.

During your studies you will gain experience of using sophisticated CAD/CAM packages, analysis software, prototyping systems and ancillary equipment. You will also be introduced to modern communications technologies, which enable quick responses to supplier organisations, customers and the global marketplace.

The degree programme provides students with hands-on experience of the basic principles and on the application of CAD/CAM, associated

systems and techniques. The Honours year will provide students with a more in-depth knowledge of the broader spectrum of design and manufacturing systems and the importance of systems integration. Students will also undertake both individual and group-based projects in an appropriate subject area.

COURSE CONTENT

DEGREE YEAR

The degree year aims to provide students with a broad understanding of, and an ability to apply, current Computer-Aided Design (CAD) technology. Specifically, CAD modelling and analysis techniques will be taught using theoretical and 'hands-on' approaches. A general overview of the design process and project management methods will further enhance students' understanding

UCAS

H130 P BSc/CAD

Campus

Paisley

School

Engineering

Entry

Year 3 HND in any Engineering or Design discipline. Other relevant HND qualifications will also be considered.

Duration

BSc 1 year

BSc Hons 2 years

Contact

Dr James Findlay

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

NB Students are invited to take part in an induction course, designed to assist with the transition from college to study at UWS prior to the start of this degree programme.

of the management of the design process in an industrial context.

HONOURS YEAR

The Honours year will focus on the application of advanced CAD techniques within the design and manufacturing environments. Many examples of current industrial CAD applications will supplement 'hands-on' and theoretical approaches to student learning. An understanding of the broader industrial context will firmly direct students towards future employment or postgraduate study.

CAREER PROSPECTS

The Computer-Aided Design course has been created to meet the needs of industry and enable you to enhance your career prospects. As a graduate, your wide-ranging skills and experience will be sought by employers within the design, engineering and manufacturing sectors, offering you a variety of exciting career opportunities. Successful completion of the course will also allow entry to the University's PgD/ MSc Computer-Aided Engineering programme, should you wish to further your studies at postgraduate level.

Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

ENGINEERING

Engineering Management

THIS COURSE IS SUITABLE FOR THOSE WHO WISH TO PURSUE A CAREER IN A CONTINUOUS IMPROVEMENT PLANNING, SUPERVISORY OR PROJECT MANAGEMENT ROLE WITHIN INDUSTRY. IT IS AN ENGINEERING PROGRAMME WITH A PROVEN RECORD OF SUCCESS FOR EMPLOYMENT.

Successful graduates have been employed in many areas of industry, often obtaining positions at a senior level. The course is also available part-time and attracts sponsored students from many industries. Industry sectors include the manufacture of steel, electronics, food and drink, car parts, earthmoving vehicles, aircraft parts, computer server manufacture, and the water, gas and oil industries.

The programme utilises the UWS Centre for Engineering Excellence with its fully-equipped manufacturing and vehicle workshops, plastics processing, welding and rapid prototyping facilities.

The course has a large element of practically-orientated content to ensure you develop the skills required by prospective employers. It also enables you to work effectively as a member of a professional team. The programme will utilise a large variety of software for industrial applications such as 3D Modelling (PRO/E), project management (MS Project), applied statistics for quality (Minitab) and simulation of processes (Witness). The emphasis of the course is on planning and continuous improvement of engineering applications and not programming.

COURSE CONTENT

YEAR 1

The first year comprises basic engineering principles, the engineer in industry, mathematics, CAD, measurement, hands-on workshop skills and an introduction to planning for engineering.

YEAR 2

Year 2 includes design, processing methods and materials, facilities layout, process and equipment selection, engineering IT applications, quality improvement tools and the extension of key topics from Year 1. There are no further mathematics or engineering principles from this level.

YEAR 3 & 4

The third and fourth years include advanced project management, engineering and change management, quality improvement methodologies; tools and techniques, prototyping and product testing, industrial troubleshooting, operations, renewable energy, health and safety and a number of comprehensive industrial projects.

UCAS

H703 H BEng/EM

Campus

Hamilton

School

Engineering

Entry

Year 1

Highers BBC including maths or science or engineering based subject. If not held at H Grade then English at Level 3 S Grade.

A-level CC including Maths or another science subject, plus 3 GCSEs including English and a science subject.

Year 2 HNC/CertHE in a relevant discipline.

Year 2 Direct entry with appropriate A levels – contact Admissions Officer for details.

Year 3 HND/DipHE in Engineering or a relevant discipline.

Please note:

- essential subject requirements include at least Intermediate 2 pass in maths
- applicants will normally be invited for interview

Duration

BEng 3 years

BEng Hons 4 years

Contact

Peter Griffin

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

CAREER PROSPECTS

The University has an established reputation for producing competent and responsible engineering graduates who are sought by industry. Career areas are varied and include design, research and development, process analysis, manufacture and project management. Previous graduates have been employed by many leading companies such as Rolls-Royce, Terex Equipment, Philips Lighting, CTS Automotive and Electronics, Corus Steel, Selex Electronics, Thales defence products and BAE Systems; shipbuilding and aero engines. Previous graduate engineers have also taken up positions in education and are now working as college lecturers or secondary school teachers.

Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

ENGINEERING

Mechanical Engineering

MECHANICAL ENGINEERS SPECIALISE IN THE DESIGN, DEVELOPMENT AND MANUFACTURE OF A WIDE VARIETY OF MACHINES, PRODUCTS AND STRUCTURES RANGING FROM CONSUMER RELATED DESIGNS THROUGH TO AUTOMOTIVE AND AEROSPACE DESIGNS.

They are responsible for providing engineering solutions in some of the most demanding and rewarding industries today. In order to meet the challenge, mechanical engineers must combine a thorough knowledge of scientific and engineering principles with a flexible approach towards new ideas and developments within the profession. The BEng Honours course in Mechanical Engineering emphasises the application of engineering principles within industry. The course has a large element of practically-orientated content to ensure you develop the skills required by prospective employers and the ability to work effectively as a member of a professional engineering design team. Much emphasis has been placed on updating this course to reflect the needs of employers. A strong bias towards design engineering and computer-aided technology coupled with a sound grounding in engineering principles should provide you with the knowledge necessary to deliver engineering solutions in today's highly competitive marketplace.

During Years 1, 2 and 3, academic studies may be supported by gaining

paid work experience within a relevant engineering organisation. There is flexibility in the duration of the placement undertaken, however in order to achieve the BEng Honours Sandwich degree qualification you must gain a minimum of thirty-six weeks work experience. Such experience may provide exemption from some of the membership requirements of the relevant professional bodies and is thus a very attractive option for students at this level. The course is designed to enable you to achieve a BEng Honours degree at the end of Year 4, or a BEng Honours Sandwich degree at the end of Year 4 or 5.

COURSE CONTENT

YEAR 1

Engineering design is a key element of the entire programme and students are introduced to applied mechanics, materials and mathematics to provide a foundation in this area. A comprehensive introduction to the engineering profession is given through professional and industrial studies. Students are also prepared for the years ahead with skills development in communications, IT technology

UCAS

H300 P BEng/ME

Campus

Paisley

School

Engineering

Entry

Higher BBB including Mathematics and Physics or Technological Studies, plus English @ S Grade.

A-Level CC including Mathematics and a science subject, plus three GCSEs including English.

Year 1/2 HNC in a related subject – contact Admissions Officer for details.

Year 2/3 HND in a related subject – contact Admissions Officer for details.

Year 2 Direct entry with appropriate A levels – contact Admissions Officer for details.

Duration

BEng 3 years

BEng Hons 4 years

BEng Hons (Sandwich)
4/5 years

Contact

Dr Robert Bailey

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

such as computer-aided design and professional development. Students can take up a period of paid placement at the end of the academic year.

YEAR 2

Strength of materials and fluid mechanics coupled with materials and manufacturing technology enhance the students' understanding of the engineering subject. Further key skills are then developed by introducing the formal engineering design process and how it relates to engineering practice. Computer-aided technology is studied in detail as are suitable and appropriate IT-related techniques. Students again can take up a period of paid placement at the end of the academic year.

YEAR 3

Core skills in design and applied mechanics are enhanced. New areas of study are then introduced such as thermo-dynamics, rapid prototyping and testing techniques as well as intelligent systems and control technologies. Students are also introduced to advanced computer based analysis and simulation techniques such as the finite element methods. Professional studies are continued through the introduction of project management skills. Students again can take up a period of paid placement at the end of the academic year.

YEAR 4 (HONOURS)

Further study of applied mechanics, including areas such as plasticity, fracture and vibrations, build on the knowledge gained in the early years of the programme. New material is also introduced such as composite structures, acoustics, renewable energy systems and sustainability, a currently critical area of study for engineers. Computer-aided engineering design is enhanced with further, more advanced finite element topics and the introduction of computational fluid dynamics. This final year also gives students the opportunity to undertake a major project both individually and as part of an engineering design group working on an industrial problem.

CAREER PROSPECTS

Career areas are varied and include design, research and development, analysis, manufacture and project management. Previous graduates have been employed by many leading companies such as Rolls-Royce, Doosan-Babcock Energy Ltd, ABB Alstom Power, Intel, Hoover, Candy and Biosil.

PROFESSIONAL EXEMPTIONS

The BEng (Hons) is accredited by the Institution of Mechanical Engineers.

Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

PROFESSIONALLY
RECOGNISED
Institution of
Mechanical Engineers*
*BEng Hons

ENGINEERING

Mechatronics

THIS IS A NEW COURSE THAT AIMS TO MEET THE GROWING NEED IN INDUSTRY FOR ENGINEERS WITH MULTIDISCIPLINARY SKILLS. MECHATRONICS COMBINES MECHANICAL ENGINEERING, ELECTRICAL ENGINEERING, ELECTRONIC ENGINEERING AND COMPUTER TECHNOLOGY.

It allows engineers to develop an interdisciplinary understanding and integrated approach to engineering problem solving. It is now recognised that this forms a crucial part in the design, manufacture and maintenance of a wide range of engineering products and processes. A mechatronics engineer may have specialist knowledge in one of the traditional single disciplines but will also have a broader understanding of the other disciplines allowing an integrated approach and an ability to provide a link between disciplines. There are significant advantages to industry employing engineers with multidisciplinary skills in terms of efficiency, cost effectiveness and the ability to produce better products and processes. This view was supported by Scottish Engineering and all the various companies consulted during the design and development of the course.

The University has invested in a new Centre of Engineering Excellence with well-equipped laboratories, workshops and teaching facilities. Up-to-date equipment, teaching methods and industry-standard

software tools will be used. Students will have access to the types of sensors, actuators, controllers and programmable hardware used in modern mechatronic systems. The course is designed to be practical in nature and relevant to the needs of industry. A recent UWS mechatronics related project won the Royal Society of Engineering "Best Engineering Excellence" award.

COURSE CONTENT

Specifically designed for students wanting to articulate from an HND or equivalent, this programme offers entry at third year level. Appropriate bridging support will be provided to enhance the transition from HND level to degree.

The course is designed to cover all the key aspects of mechatronics with modules covering the mechanical principles used in mechatronic systems, the sensors that provide the inputs to the systems, the actuators that make things happen on the output side and the various ways of controlling the systems including microcontrollers and other programmable hardware. The emphasis is on developing the practical skills relevant to modern technology.

UCAS

H730 H BEng/Mech

Campus

Hamilton

School

Engineering

Entry

Entry at Year 3 level only:

HND/DipHE in a relevant discipline, please contact the Admissions Officer for further information.

European candidates:

120 ECTS points in a relevant discipline.

Duration

BEng 1 year

Contact

Stewart Sinclair

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

CAREER PROSPECTS

There is a wide range of employment opportunities for engineers with the multidisciplinary skills gained from studying mechatronics. Any industry with processes or products that involve machines controlled by electronics or software can benefit from the mechatronics approach and as this is now widely recognised the demand for mechatronics graduates continues to grow.

Mechatronics skills are used in the design and manufacture of a wide range of stand-alone products such as washing machines, aircraft engine fuel control systems, bank cash dispensers, anti-lock braking systems, DVD players, etc. They are also used in the design, installation and operation of automated machine systems, used widely to carry out manufacturing and transportation processes. Bottling, food packaging, letter sorting and robot assembly are just a few examples.

The broad interdisciplinary insight gained by mechatronics engineers means that they are well placed to become team leaders and progress to management roles within engineering organisations. Successful completion of the degree would also allow progression to postgraduate study on one of the University's PgD/MSc programmes.

PROFESSIONAL ACCREDITATION

Accreditation will be sought from the Institution of Engineering and Technology (IET).

ENGINEERING

Motorsport Design Engineering

COURSES IN AUTOMOTIVE AND MOTORSPORT ENGINEERING HAVE BEEN DELIVERED AT THE HAMILTON CAMPUS SINCE 1984 WITH THE BEng HONOURS MOTORSPORT ENGINEERING DEGREE THE ONLY COURSE OF ITS KIND IN SCOTLAND. OUR GRADUATES WORK IN MANY INDUSTRY SECTORS - INCLUDING THE MOTOR INDUSTRY AND MOTORSPORTS.

We aim to prepare students for employment as designers and engineers. The generic analytical and design skills sets developed will serve equally well in any area of engineering while many of the 'motorsport' skills developed in areas such as data acquisition and weight efficient design are highly transferable to other industries.

Practical experiences, as well as theoretical study, will be offered. Students will have opportunities to work on motorsport vehicles and to attend and take part in test sessions at a racing circuit. Subject to insurance and licensing conditions, students will have opportunities to drive motorsport vehicles. Many of our previous students have taken part in the International Formula Student competition, now held at Silverstone Racing circuit. This requires the team to conceive, design, manufacture and develop a small, single-seater racing car, and then compete against teams from some of the top European and worldwide universities. This involves driving events, design evaluation

and business presentations.

We have recently upgraded our product design computer laboratories to the latest workstation specification, and you will be taught using the industry leading Pro-Engineer Wildfire Design and Simulation software. A new Engineering Centre with fully-equipped manufacturing, and motorsport workshops, polymer engineering facilities, fully-equipped model making and prototyping studio, and assembly and welding laboratories, opened recently on the campus. There are also state-of-the-art teaching facilities and social and recreational space. We have invested in similar equipment used by many race and rally teams and you will have an opportunity to gain useful experience setting up and racing engineering competition vehicles.

UCAS

H330 H BEng/MDE

Campus

Hamilton

School

Engineering

Entry

Year 1 Highers BBC including Maths, S Grade English and a science subject required.

A-Level CC including Maths and preferably another science subject, plus 3 GCSEs including English and a science subject.

Year 2 HNC/CertHE in a relevant discipline.

Year 2 Direct entry with appropriate A levels – contact Admissions Officer for details.

Year 3 HND/DipHE in a relevant discipline.

Duration

BEng 3 years

BEng Hons 4 years

BEng Hons (Sandwich)

4/5 years

Contact

David Kennedy

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

YEAR 1

The first year comprises basic engineering principles, materials, processes, mathematics, CAD, measurement, hands-on workshop skills and an introduction to vehicle systems, race engineering and safe working in a vehicle workshop.

YEAR 2

The second year includes analytical design, CAD, mathematics, motorsport specific design projects and race engineering, where students prepare our racing car for a day's testing at a local race track.

YEARS 3 & 4

The third and fourth years include computer aided design and analysis, project management, prototyping and product testing, motorsport electronics, aerodynamics, engine design and vehicle dynamics. Students spend around a quarter of the final two years involved in project work, individually and in teams. Students have a great deal of say in deciding the topic and direction of project work, and typically most projects build towards the design of a racing car for the International Formula Student competition.

ENGINEERING

Product Design & Development

PRODUCT DESIGN & DEVELOPMENT COMPRISES THE SET OF COMPLEMENTARY ACTIVITIES AND DISCIPLINES WHICH START WITH THE IDENTIFICATION OF A MARKET OPPORTUNITY FOLLOWED BY THE DEVELOPMENT OF INITIAL CONCEPTS AND CULMINATE IN THE MANUFACTURE, SALE AND DELIVERY OF AN END PRODUCT TO THE CUSTOMER.

The aim of this programme is to provide students with a select group of modules, which address the product design, development and supply life-cycle by bringing together the core disciplines of marketing, design (industrial and engineering) and manufacture. In addition, strong emphasis is placed on product quality and cost, as well as on the key aspects of the design and development phase, namely project management, cost and time to market. Since the product design and development activity within a company is inter-disciplinary by nature, group and team-working skills are also emphasised.

During Years 1, 2 and 3, academic study may be supplemented by periods of paid work experience gained within industry. There is flexibility in the duration of the placement undertaken, but in order to achieve the BEng Honours Sandwich degree students must gain a minimum of thirty-six weeks work experience. Such experience may provide exemption from some

of the membership requirements of the relevant professional bodies.

COURSE CONTENT

YEAR 1

Students are introduced to computer-aided design through design software commonly used in industry. Parallel studies develop an understanding of engineering mechanics, materials and other related areas important to product design. Students have the opportunity to participate in a period of sandwich training (optional) where they can take up a period of paid placement at the end of the academic year.

YEAR 2

The theme of computer-aided design continues moving into more advanced areas of 3-D modelling. The processes of product design are developed and a range of information technology skills are enhanced to complement this. Management issues important to product design are explored. Students have the opportunity to participate in a period of sandwich training (optional) where they can

UCAS

H700 P BEng/PD

Campus

Paisley

School

Engineering

Entry

Higher BBC including Maths and a science subject, plus S Grade English.

A-Level CC including Maths, plus three GCSEs including English and a science subject.

Year 2 HNC in a relevant subject. Direct entry with appropriate A levels – contact Admissions Officer for details.

Year 3 HND in a relevant subject.

Duration

BEng 3 years

BEng Hons 4 years

BEng Hons (Sandwich)

4/5 years

Contact

Dr Robert Bailey

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

take up a period of paid placement at the end of the academic year.

YEAR 3

Analysis and simulation techniques are applied during Year 3. These techniques enable the capabilities of a product to be assessed before it is manufactured. The relationship between design and manufacture is investigated and issues such as marketing principles and product testing are presented. Students also broaden their knowledge in new areas such as manufacturing systems and design animation. Students again have the opportunity to participate in a period of sandwich training (optional) where they can take up a period of paid placement at the end of the academic year. At this stage in their programme some students opt for a one-year, or thick sandwich placement.

YEAR 4 (HONOURS)

A significant part of fourth year is taken up with individual and group projects in the area of product design. Automation and intelligent systems are explored and the application of computer-aided manufacture. Product design is developed along with other important issues such as product quality.

CAREER PROSPECTS

Product design and development specialisation is increasingly in demand by industrial employers, with graduates from the course expected to find employment in a variety of disciplines relating to the function. The range of skills taught on the course should greatly enhance employment opportunities, particularly when coupled with placement experience. Graduates may choose to seek employment with a multinational organisation and use their skills in manufacturing overseas.

HEALTH, NURSING AND MIDWIFERY

UWS IS THE LARGEST
PROVIDER OF
NURSE EDUCATION
IN SCOTLAND WITH
OVER 5000 FULL AND
PART-TIME STUDENTS.



HEALTH, NURSING AND MIDWIFERY

STUDENTS BENEFIT FROM PRACTICAL HANDS-ON EXPERIENCE IN THE CAMPUS' SKILLS LABS, WHICH ALLOWS THEM TO PUT ELEMENTS OF THEIR LEARNING INTO PRACTICE IN A MOCK WARD SETTING.

INVESTMENT IN FACILITIES

Enhanced teaching environments and the mix of practical and theoretical elements of our courses ensure students are prepared for the demands of the profession.

- **Paisley Campus** – major investments in a new suite of artificial simulated environments with contemporary healthcare technology, where students learn in a realistic context. The unpredictability of patient symptoms are mimicked using sophisticated software in a clinical ward ranging from low to high dependency beds. Midwifery students' equipment includes a birthing room with child birth simulator and a birthing pool for water births.
- **Hamilton Campus** – resources include a suite of artificial simulated environments with contemporary healthcare technology integrating sophisticated software for teaching purposes. Midwifery students' equipment again includes a birthing room with child birth simulator and a birthing pool for simulated water births.
- **Ayr Campus** – our brand new state of the art campus with a suite of specialist skills labs, provides an exceptional academic environment in a truly unique setting. Please see page 14 for more details.
- **Dumfries Campus** – major refurbishment of campus facilities in 2006 saw the creation of new resources in artificial healthcare environments, healthcare technology and software for students.

CONTINUING PROFESSIONAL DEVELOPMENT

Our extensive range of specialist programmes are designed to keep nursing and midwifery professionals up-to-speed with the latest advances. Please see page 165 for more information.

UNICEF RECOGNITION

In 2007 the BSc Midwifery programme was joint first in the UK to receive a UNICEF UK Baby Friendly Initiative, accreditation for ensuring our midwifery students are equipped with the knowledge and skills to advise and support breastfeeding mothers. This was re-accredited in 2009.

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*At time of print, course offered subject to final University approval.

APPLICATIONS TO NURSING & MIDWIFERY

Course	Campus	Intake	Application
Adult Nursing	A, D, H, P	Sept 2012	UCAS
Mental Health Nursing	A, D, H, P	Sept 2012	UCAS
Midwifery	H, P	Sept 2012	UCAS

Campus key

A Ayr, D Dumfries, H Hamilton, P Paisley

ADMISSION CRITERIA

Entry to Adult Nursing, Mental Health Nursing and Midwifery is dependent on your entry qualifications and career aspirations and a variety of entry pathways are offered.

- **BSc Midwifery** – 4 Highers (BBCC). (Preference given to applicants with Biology/Human Biology/Chemistry, Sociology, Psychology or English) or HNC (Health/Social Care) + 1 Higher (C) from the previous list. All applicants to Midwifery must have English and a numeracy subject at a minimum of Standard Grade 2 or above (or equivalent).
- **BSc Adult & Mental Health Nursing** Highers (CCC) (Preference given to applicants with a science & English) or HNC (Health or Social Care preferred) or 2 Highers (CC) + First Steps to Nursing module or Scottish Wider Access Programme (SWAP) in conjunction with our local colleges. All applicants to nursing must have English at a minimum of Standard Grade 3 or above/ equivalent and normally maths/arithmetic at the same level.

Long-established links with several local colleges enable SWAP students to gain a guaranteed place in Year 1 (under certain conditions) and HNC holders with extended practice to enter Year 2 (under certain conditions).

PROTECTING VULNERABLE GROUPS SCHEME (PVG SCHEME)

Applicants will be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme), managed and delivered by Disclosure Scotland. For more information on the PVG Scheme please refer to <http://www.scotland.gov.uk/Topics/People/Young-People/children-families/pvglegislation>. All offers are conditional on health and Disclosure Scotland PVG checks.

SELECTION CRITERIA

Applicants selected from screening will be invited for selection testing prior to interview. This includes a short numeracy and literacy test. On successful completion of these tests the candidates will then undergo selection interview.

"Nursing at UWS has been a very enjoyable course and the support from staff has been excellent. Tutors are very kind and approachable. I truly believe you get out what you put in. Its a worthwhile course and something you carry with you forever."

Lyndsay Burke
BSc Adult Nursing

ENABLING SUPPORT

If you have, or think you have, a disability or condition where specific adjustments and enabling support could promote access to your programme, please contact the School Enabling Support/Equality and Diversity Coordinator, Claire Owens telephone: 0141 849 4319 or see page 231 for further details.

FINANCIAL SUPPORT

Nursing & Midwifery students are exempt from course tuition fees and may be eligible for a non means-tested bursary (depending on residency status). Details of eligibility can be obtained from SAAS – Students Award Agency for Scotland, 0300 555 0505 or at www.saas.gov.uk

ADULT NURSING WITH REGISTRATION/MENTAL HEALTH NURSING WITH REGISTRATION

If you are a graduate and have a degree in a biological, health, social sciences or related subject you may be interested in applying for the MSc in Adult Nursing with Registration or MSc in Mental Health Nursing with Registration. On successful completion of this two-year programme you will be eligible for registration with the Nursing and Midwifery Council. Applications for these programmes are made via UCAS (Mental Health Nursing with Registration – BR60 H MSc/MHNR; Adult Nursing with Registration BR40 H MSc/ANR). Further information on these programmes can be found in our postgraduate and post-experience prospectus or on our website.

FIRST STEPS TO NURSING AND PERSONAL QUALITIES FOR NURSING

These unique modules are designed to prepare students for studying in higher education. First Steps (which can also be used towards entry to Nursing programmes) aims to promote the development of key skills for undergraduate study. Our Personal Qualities for Nursing module promotes reflection and raises awareness for professional nursing. For further details contact lifelonglearning@uws.ac.uk

NEW PROGRAMMES FOR 2012

The School has introduced 2 new programmes for 2012 entry. Dip HE/BA Integrated Public Service is an innovative new programme, the first of its type in Scotland. It's designed to prepare graduates for employment in a variety of health and social care or administrative roles. For more information see page 162. Also new for 2012 is the BSc Veterinary Nursing,* offered in partnership with Barony College. The aim of this programme is to prepare students for entry on the professional register and meet the challenges of the role of veterinary nurse. For more information see page 164.

NB If you are requiring the module for entry you must be enrolled on to the module prior to your UCAS application being processed.

*At time of print, course offered subject to final University approval.



HEALTH, NURSING AND MIDWIFERY

Adult Nursing

NURSING IS A STIMULATING AND REWARDING PROFESSION, OFFERING EXCITING CAREER OPPORTUNITIES, BOTH AT HOME AND ABROAD. THE BSc ADULT NURSING WILL PREPARE YOU TO WORK IN A VARIETY OF FIELDS, INCLUDING HOSPITAL, COMMUNITY AND SPECIALIST AREAS. IT WILL ALSO PREPARE YOU TO WORK AS PART OF A MULTI-DISCIPLINARY TEAM, DELIVERING SAFE, EVIDENCE-BASED AND COMPASSIONATE CARE.

COURSE CONTENT

YEAR 1

Students will engage in shared learning with nursing students on other programmes as well as focusing on their own speciality. The first year introduces the student to elements of all existing branches (Adult, Mental Health, Learning Disability and Child Health).

YEARS 2 AND 3

Focusing on the health needs of adult patients, this course is based on a commitment to caring for individuals in health, disability and ill health. Students develop practical skills and procedural knowledge that enable them to assess situations and provide appropriate care. Modern approaches to adult nursing place greater emphasis on the uniqueness of the individual and on working in partnership with each patient to promote optimum health and the best quality of life. Erasmus exchange opportunities are available during third year for students wanting to participate in a 12-week placement with one of

the University's EU partners in countries such as Portugal, Finland, Spain, Italy Netherlands and Sweden.

Year 3 students can prepare for the transition from Higher Education to employment with the assistance of the four-week employability lab, offering advice on completing CVs, interviewing skills, application processes etc.

The programme offers a combination of blended learning and varied teaching techniques, including smart boards, virtual learning environments and simulated clinical environments. These state-of-the-art simulated learning environments, situated on all UWS campuses, allow students to engage in realistic simulated scenarios supported by highly experienced and qualified staff. Hamilton Campus has a Domus room simulating a home environment and each campus uses SMOT. SMOT allows students to record their work, giving you the opportunity to review your practice and reflect upon your skills.

UCAS

Ayr
B740 A BSc/AdultN
Dumfries
B740 D BSc/AdultN
Hamilton
B740 H BSc/AdultN
Paisley
B740 P BSc/AdultN

Campus

Ayr, Dumfries, Hamilton, Paisley

School

Health, Nursing and Midwifery

Entry criteria

See page 153

Duration

BSc 3 years

Contact

University Direct
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

Clinical placement information

Please note: Throughout the 3-year programme, you are likely to undertake placements in all parts of the region in which you carry out your theoretical study. Clinical placements can be in the following areas: Lanarkshire, Dumfries and Galloway, Ayrshire and Arran, Renfrewshire, Argyll and some parts of West Dunbartonshire. Placements are dictated by the campus the student is based at for theory.

While in University, students are taught and supported by highly qualified, experienced and enthusiastic lecturers. There is a wide range of teaching and learning activities offered to encourage the development of learning throughout the programme.

In clinical practice, Adult Nursing students develop their knowledge, skills and understanding by working with a Mentor who will be a member of a multi-disciplinary team, health and social care provider or external agency. The Mentor is normally a registered nurse who supports and guides learning for each student in practice. Practical skills are gained on clinical placements in the public and private sectors, including acute inpatient hospitals, care homes and community nursing teams.

CAREER PROSPECTS

On successful completion of your award you will be eligible for registration with the Nursing and Midwifery Council as a Registered Nurse in Adult Nursing. Your studies will prepare you to meet the challenges of the ever-changing health sector. Depending on your chosen specialism, you will have the option of working as a Registered Nurse within a hospital or community setting in the UK or in other EU countries. Job opportunities are excellent with salaries starting at £21,176 per annum. Roles could include specialist nurse, nurse manager, research nurse, occupational health nurse within a large organisation, community or hospital based nurse, school nurse, nurse in the armed forces or practice education facilitator. Continuing education is a necessary part of maintaining your professional and legal standing once qualified.

Equality & Diversity

University of the West of Scotland is committed to equality and diversity within this programme. If you have, or think you may have, a disability or condition where specific adjustments and enabling support could promote access, please contact the School Enabling Support Co-ordinator Claire Owens, telephone: 0141 849 4319 or see page 231 for further details.

"University of the West of Scotland offers a varied and vibrant way of learning... the lecturers and co-ordinators are committed to bringing students the best nursing theory and practical skills to make us the future of the healthcare profession."

Lauren Hughes-Barr
BSc Adult Nursing

HEALTH, NURSING AND MIDWIFERY

Mental Health Nursing

AS MANY AS ONE IN THREE PEOPLE ARE THOUGHT TO SUFFER FROM MENTAL HEALTH PROBLEMS. MENTAL HEALTH NURSING IS ONE OF THE MOST DEMANDING AREAS OF NURSING, OFFERING A CHALLENGING AND REWARDING CAREER. IF YOU'VE GOT GREAT COMMUNICATION SKILLS AND A CAPACITY TO CARE, THIS COULD BE THE CAREER FOR YOU.

The BSc in Mental Health Nursing at UWS emphasises the importance of relationships between nurses, service users, families and carers, and others who work in the field of mental health. The programme reflects the realities of mental health nursing in the 21st century and equips students to recognise and meet the mental healthcare needs of people across their lifespan. Students can choose specialist areas of study such as child and adolescent mental health, forensic mental health or suicide prevention. These specialist skills are particularly valued by employers.

The programme promotes values and principles-based practice designed to produce a nurse who will be able to work collaboratively and optimistically to promote recovery and help in times of crisis. Ultimately, caring is at the heart of mental health nursing.

We welcome applicants who have an interest in and capacity to care for others and who are motivated to apply themselves to the appropriate level and type of academic and clinical study.

Opportunities for further academic and professional development are provided for those who successfully complete the programme.

The University campuses in Ayr, Dumfries, Hamilton and Paisley provide the focus for teaching activity and the BSc Mental Health Nursing is taught at all four campuses. All academics delivering the course have been practising mental health nurses. We also invite clinicians and service users or carers to talk to students about their perspective and experience of mental health.

Year 1 of the programme (the Common Foundation Year) is shared with students on the BSc Adult Nursing programme. Students must specify their choice of campus.

Practice experience is available throughout Ayrshire and Arran, Greater Glasgow and Clyde, Lanarkshire and Dumfries and Galloway. Where possible, placement experience is gained in placements relatively close to the teaching base although more

UCAS

Ayr

B760 A BSc/MHN3

Dumfries

B760 D BSc/MHN3

Hamilton

B760 H BSc/MHN3

Paisley

B760 P BSc/MHN3

Campus

Ayr, Dumfries, Hamilton, Paisley

School

Health, Nursing and Midwifery

Entry

See page 153

Duration

BSc 3 years

Contact

University Direct

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

NB Students who successfully complete the BSc Mental Health Nursing (or complete 3-year Diploma of Higher Education programme) will be eligible for registration with the Nursing and Midwifery Council as Registered Nurses.

distant placements may be required or available. Students have the opportunity to care for patients across hospital, community and voluntary care settings. The rapidly changing face of mental health care requires students to demonstrate learning and competence with individuals and groups within a health and social care framework and to work in partnership with all who care for people's mental health.

CAREER PROSPECTS

On successful completion of your award you will be eligible for registration with the Nursing and Midwifery Council as a Registered Nurse in Mental Health. Your studies will prepare you to meet the challenges of the ever-changing health sector. Depending on your chosen specialism you will have the option of working as a Registered Nurse within a hospital or community setting in the UK or in other EU countries or in certain states in the USA or Australia. Job opportunities are excellent with salaries starting at around £21,176 per annum. Continuing education is a necessary part of maintaining your professional and legal standing once qualified.

Equality & Diversity

We are committed to equality and diversity within this programme. If you have, or think you may have, a disability or condition where specific adjustments and enabling support could promote access, please contact the School Enabling Support/Equality and Diversity Co-ordinator Claire Owens telephone: 0141 849 4319 or see page 231 for further details.

"My training has given me the opportunity to understand the true essence of nursing care; I have especially enjoyed the recovery and values based practice modules as they have increased my skills and knowledge surrounding holistic and person-centred care delivery. The encouragement, support and guidance from the teaching staff has been second to none and their belief in my ability has always kept me focused."

Marion Beckett

BSc Mental Health Nursing

HEALTH, NURSING AND MIDWIFERY

Midwifery

MIDWIVES HAVE A UNIQUE AND DEMANDING ROLE – IF YOU ENJOY RESPONSIBILITY AND WANT TO PREPARE WOMEN FOR THE DELIVERY OF NEW LIFE THEN THIS IMMENSELY SATISFYING CAREER OPTION COULD BE FOR YOU.

Midwifery focuses on the impact of pregnancy and childbirth on women, and society. The role of the midwife is developed to provide care and support to prospective parents during pregnancy, childbirth and the transition to parenthood. In partnership with women, midwives aim to promote and maintain health and prevent ill health in the mother and baby by means of empowerment, informed choice and health education.

The midwifery programme deals with care of the mother before conception, during pregnancy and care of mother and baby in the postnatal period for as long as considered necessary. Midwifery students will be taught theory at Paisley Campus or Hamilton Campus. Around half the programme is made up of work-based experience, which is assessed and has academic credit. Clinical placements are located in Greater Glasgow and Clyde; Highland; Lanarkshire; Dumfries and Galloway; and Ayrshire and Arran Health Board areas. Students will develop their skills in clinical practice by working as members of multi-disciplinary teams within large and small hospitals in urban and rural locations. Students are

supervised in practice areas by midwives and personal tutors. Throughout the year guest speakers are invited to the University to present to students. Recent guest speakers have included independent midwives, cultural groups to speak about differences in cultures, and experts and therapists eg hypnotherapists, stress therapists, baby masseuses.

COURSE CONTENT

YEAR 1

The focus in Year 1 is normality in midwifery. Initially, students are introduced to midwifery through health and public health concepts, parenthood issues and the professional role of the midwife. Students are then introduced to the art and science of midwifery knowledge and clinical practice through life sciences, caring skills, professional skills and personal development. Clinical practice is assessed to ensure competency and safety. Clinical placements in the first year include labour ward, community and ward settings. The key aim is the integration of normal midwifery knowledge with normal midwifery practice at a foundation level.

UCAS

Hamilton

B720 H BSc/Mid

Paisley

B720 P BSc/Mid

Campus

Hamilton, Paisley

School

Health, Nursing and Midwifery

Entry

See page 153

Duration

BSc 3 years

Contact

University Direct

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

Clinical Placement

Please note: Clinical placements are located in Greater Glasgow and Clyde; Highland; Lanarkshire; Dumfries and Galloway; and Ayrshire and Arran Health Board areas but are subject to availability.

YEAR 2

The focus in Year 2 is high-risk midwifery practice and on medical, obstetric and social factors that render childbirth high-risk. Society, drug misuse, domestic violence and teenage status are discussed. Critical care is included with emphasis on managing clinical emergencies appropriately. Clinical placements include labour ward (theatre), gynaecology and high-risk midwifery. The key aim is to build on the previous knowledge of the normal and to integrate high-risk midwifery knowledge with high-risk midwifery practice. Towards the end of second year, students are encouraged to select a case load of women and follow their progress through the childbearing process.

YEAR 3

In Year 3, the focus returns to normal midwifery care, however, the underpinning themes are education and management. Care of the sick neonate is also included and students will undertake a 5-week neonatal unit clinical placement. By the end of Year 3, students are expected to be working in the clinical areas with minimal supervision. To prepare students for this, knowledge in relation to lifelong learning skills such as problem solving, decision-making, leadership and professional accountability and autonomy inform every subject. Module subjects include evidence-based practice, neonatal care, breastfeeding,

promoting normality and management and education. Students will undertake an individual project on a subject of their choice related to midwifery practice to enhance self-directed learning. Clinical placements include labour ward, ward, and the community including rural places. The key aim is to build on general midwifery knowledge and skills to a self-management level to facilitate 'fitness to practice' on completion of the programme.

CAREER PROSPECTS

On successful completion of your BSc, you will be eligible for registration with the Nursing and Midwifery Council as a Registered Midwife. Your studies will prepare you to meet the challenges of the ever-changing health sector. You will have the option of working as a Registered Midwife within a hospital or community setting in the UK or in other EU countries. Job opportunities are excellent with salaries starting at around £20,700 per annum. Most graduates will work in Midwifery although it is possible to diversify into the fields of public health, sexual health and child and family health.

PROFESSIONAL RECOGNITION

The programme carries UNICEF's UK Baby Friendly Initiative accreditation for ensuring midwifery students are equipped with knowledge and skills to advise breast-feeding mothers.

Equality & Diversity

We are committed to equality and diversity within this programme. If you have, or think you may have, a disability or condition where specific adjustments and enabling support could promote access, please contact the School Enabling Support/Quality and Diversity Co-ordinator Claire Owens telephone: 0141 849 4319 or see page 231 for further details.

"I was thrilled to receive a place to study midwifery at University of the West of Scotland. Learning skills in greater depth each year has really helped me to understand the care pathways available. I feel equipped to cope in emergency situations and have used my teaching skills from my previous career to help with parent education."

Lisa-Milner Smith

BSc Midwifery

HEALTH, NURSING AND MIDWIFERY Integrated Public Service

SCOTLAND'S AGEING AND DECLINING POPULATION MEANS THAT AN INTEGRATED AND CO-ORDINATED HEALTH AND SOCIAL CARE SYSTEM IS A PRIORITY FOR FUTURE PROVISION. THIS INNOVATIVE NEW UWS DEGREE, WHICH IS THE FIRST OF ITS TYPE IN SCOTLAND, IS DESIGNED TO PREPARE GRADUATES FOR EMPLOYMENT IN A WIDE VARIETY OF HEALTH AND SOCIAL CARE OR ADMINISTRATIVE ROLES WITHIN FUTURE PUBLIC SERVICE PROVISION.

The demand for integrated service provision to meet the increasingly complex needs of clients in the future requires public service professionals who can competently collaborate with others from different disciplines to provide seamless, person-centred care that is based on a shared understanding of needs.

This degree provides an innovative and distinct approach to a degree-level qualification that seeks to prepare the ground for increased understanding, enhanced professionalism and effective management within public service provision.

Students will undertake placement in Years 2 and 3, in areas such as the NHS, social care, voluntary sector and charitable organisations.

The degree is delivered by UWS academics with significant experience in health and social care, social work and business, with the aim of producing graduates with the necessary skills, knowledge and experience to work

effectively within the public services. The programme is designed for Year 2 entry for which an HNC in a relevant subject, or equivalent, is required.

A transition module (Next Steps) will be offered from June to August and will be delivered online with additional face-to-face study days at UWS. Applicants are expected to complete this module prior to Year 2 entry.

COURSE CONTENT

YEAR 2

There are four shared modules, one option module in either health and social care or administration and an integrated practice module with a total of six weeks of placement. The focus is on developing a shared understanding of the complex needs of clients and equipping individuals with an ability to competently assess and effectively meet and evaluate public service provision. It will include study of the policy, practice, ethical and socio-economic factors which

UCAS

L430 A BA/PS

Campus

Ayr[^]

School

Health, Nursing and Midwifery

Entry

HNC in a relevant subject, or equivalent.

Duration

Dip HE 1 year

BA 2 years

Contact

Eugene O'Neill

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uni-direct@uws.ac.uk

NB From 2012 a part-time option will be available which will enable students to complete the programme in four years as opposed to two. Part-time students may be employed within a relevant work setting that could be considered as a suitable placement experience.

[^]The programme may be offered at other campuses subject to demand

influence health and social welfare and integrated public service provision.

YEAR 3

There are four shared modules, one option module and an integrated practice module that includes a six-week placement in either a health and social care or administration environment. The focus is on developing professional attitudes, leadership and management skills that will enable graduates to contribute confidently to evidence-based practice, informed by a value base of rights and respect for service users within an integrated service provision.

EXIT ROUTES

Students can exit at the end of Year 2 with a Diploma of Higher Education. Those who successfully complete Year 3 will exit with a BA Integrated Public Service (Health and Social Care) or BA Integrated Public Service (Administration).

CAREER PROSPECTS

The Integrated Public Service degree will be relevant to a diverse range of employment opportunities within all public sector and third sector organisations including local councils, Health Boards, other local and national government agencies, voluntary organisations, charities and social enterprises. Given the range of skills developed as part of this programme, potential career paths are diverse and could include charity fundraising manager, business development officer, mental health support worker, homelessness prevention officer, and youth worker, to name a few. Graduates will also be able to progress to postgraduate study. At UWS opportunities include programmes leading to a professional qualification in nursing, education or social work and occupation-specific courses such as drug and alcohol studies and business management.

HEALTH, NURSING AND MIDWIFERY Veterinary Nursing*^

THE AIM OF THIS PROGRAMME IS TO PREPARE STUDENTS FOR ENTRY ON THE PROFESSIONAL REGISTER AND MEET THE CHALLENGES OF THE ROLE OF VETERINARY NURSE.

This programme offers a range of skills which are sought after by employers. These include the ability to problem solve, critically appraise care delivered and being able to source and critique research. The programme is very much focused on developing excellence in veterinary nursing care and utilises the knowledge and skills of Barony College veterinary nurse lecturers and UWS nurse lecturers within the largest School of health, nursing and midwifery in Scotland.

COURSE CONTENT

This programme consists of four modules and one clinical placement within a veterinary surgery. Modules include Vet Nursing Care Analysis, Vet Nursing Care Management, Research for Vet Nursing, Innovations in Vet Nursing, Clinical Practice: Vet Nursing. The modules focus on critical appraisal of veterinary nursing and combine a number of teaching methods: lectures, tutorials, group work, clinical skills, simulated care and online learning. The use of research in practice is also studied, along with personal and professional development. The work-based learning module is based within a veterinary surgery and supported by tutors and online discussion forums. The third year of the course is delivered

in partnership by both institutions onsite at Barony College. Students will have access to UWS facilities.

CAREER PROSPECTS

It is becoming necessary for graduates to have a degree in Veterinary Nursing to progress their career in this field. The strong partnership between UWS and Barony College means graduates choosing this course will not only develop an expertise in the subject area but will also benefit from additional transferable skills, making them competitive in the job market. Graduates may practice as a registered veterinary nurse and seek employment in a variety of different areas. Veterinary nurses may work as part of a team within a veterinary practice, a specialist animal centre, animal welfare organisations, pharmaceutical and nutritional companies or following a career in education as a lecturer or researcher.

PROFESSIONAL RECOGNITION

The content of this programme is designed to allow students who have undertaken the HND Veterinary Nursing programme to complete RCVS requirements for professional registration.

UCAS

D310 J BSc/VN

Location

Barony College

School

Health, Nursing and Midwifery

Entry

This programme is designed to compliment the HND Animal Health at Barony College. Students may articulate onto the programme and upon successful completion of all elements graduate with BSc in Veterinary Nursing.

HND level veterinary nurses may enter the programme providing evidence of current study such as undertaking the 'First Steps at University' module.

Duration

BSc 1 year

Contact

Amanda Carson

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uni-direct@uws.ac.uk

*At time of print, course offered subject to final University approval.

^Professional accreditation is currently being sought with the RCVS, the professional regulatory body for veterinary nurses in the UK.

HEALTH, NURSING AND MIDWIFERY Continuing Professional Development

CONTINUING PROFESSIONAL DEVELOPMENT IS A KEY THEME IN THE HEALTH, NURSING AND MIDWIFERY SECTORS TO ENSURE HEALTH PROFESSIONALS KEEP UP-TO-SPEED WITH THE LATEST ADVANCES.

As you would expect from the country's largest provider of health, nursing and midwifery programmes, we are a centre of experience and knowledge at both pre-and post-registration levels.

As well as offering high-quality pre-registration provision, we offer a range of post-registration and postgraduate programmes for nurses, midwives and related healthcare professionals.

Where relevant, these programmes are designed to meet the demands of the appropriate professional bodies and many offer relevant practice to ensure attainment of up-to-date clinical competencies that are relevant to the range of professions in this sector.

We offer:

- short courses
- research opportunities
- programmes at a range of levels, including Graduate Certificate/ Diploma, BSc, Postgraduate Certificate/Diploma and MSc

See our website for details
www.uws.ac.uk/hnm

PART-TIME STUDY

Part-time programmes in Health Studies and in Nursing & Midwifery Studies, which reflect current developments in health, medical science and social care, are offered.

These programmes, short courses and study at post-registration and postgraduate levels include:

- Forensic Mental Health
- Palliative Care
- Gerontology
- Midwifery
- Community Health specialism
- Child Protection
- Sexual Health
- 2-year MSc programme – with registration in adult/mental health for graduates with an appropriate degree (see page 154)
- Graduate Certificate/Graduate Diploma Unscheduled Care
- Graduate Certificate Orthopaedic Care
- Graduate Certificate Acute and Critical Care

Call 0141 848 3193 for more information.



SCIENCE

SCIENTIFIC
DISCOVERIES
CHANGE OUR
WORLD. GAIN
THE KNOWLEDGE
AND SKILLS TO
HELP YOU MAKE
YOUR MARK.



SCIENCE

SCIENCE AT UWS

- courses developed in collaboration with industrial and educational partners
- input from industry and extensive research and consultancy expertise help shape teaching and learning
- small class sizes in the later years of your degree course and approachable staff ensure you get the support to be successful in your studies

BOOST YOUR EMPLOYMENT PROSPECTS

The majority of our programmes offer you the opportunity to undertake a period of paid industrial placement with companies at home and abroad. Placement employers have included BNFL, GlaxoSmithKline and British Energy.

FIELDWORK

Our courses offer a balance of theory and practice. Many modules in areas such as applied bioscience, environmental studies, hydrology, marine biology and surveying, include off-campus fieldwork components. Our students have gained practical experience in Norway, Australia and in the US.

FLEXIBLE SUBJECT COMBINATIONS

Science programmes can be studied on a Single subject, Joint subject or Major/Minor subject basis.

Single subject degree

- specialise in one area e.g. BSc/BSc Hons Chemistry, BSc/BSc Hons Applied Bioscience

Joint subject degree

- divide your studies equally over two subject areas e.g. BSc/BSc Hons Applied Bioscience and Psychology

Major/Minor subject degree

- choose two subject areas where the majority of modules are drawn from one subject and a smaller number are drawn from another e.g. BSc/BSc Hons Applied Bioscience with Forensic Investigation

You'll also have the opportunity to select from a range of individual modules – allowing you to broaden your knowledge in the direction you want.

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*At time of print, course offered subject to final University approval.

FIRST-CLASS FACILITIES

Recent investment has enabled:

- creation of new facilities for teaching and research in physics, forensic science, analytical chemistry, biology and biotechnology
- investment in polarised light and fluorescent microscopes with advanced image analysis systems and in a high-resolution laser Doppler imager. These will enhance research in health and the environment, particularly for the study of cataracts, arthritis and geo-materials
- opening of the Spatial Pattern Analysis Research Laboratory for environmental data and modelling processes

RESEARCH WITH REAL-WORLD IMPACT

Research groups and initiatives include:

- Environmental Initiatives Research Group
- Neurovascular Inflammation Group
- Thin Film Centre
- Experimental Nuclear Physics Group
- Molecular and Health Sciences Research Group
- Microscale Sensors Group
- Heart Research UK-funded study into the effects of high glucose levels on the functioning of human blood vessels of different size and origin

PROFESSIONAL ACCREDITATION

Many of our courses are accredited or recognised by professional bodies such as the Health Professions Council, the Institute of Physics and the Royal Society of Chemistry. Membership of professional organisations boosts graduate prospects and can lead to chartered or professional status.

“The accredited degree I obtained from UWS was very important as it gave me the strong practical grounding and professional recognition that helped me gain a position as a Biomedical Scientist and prepared me well for my future career.”

Fraser Craig

Specialist Biomedical Scientist at the Royal Hospital for Sick Children in Glasgow

“The fact that the Applied Biomedical Science degree is registered with the HPC means that employers are confident that UWS graduates have the skills and knowledge to be effective Biomedical Scientists. This is indicated in their greatly enhanced employment prospects and in their increased starting salary compared to graduates who do not have an Applied Biomedical Science degree”.

Hugh McLelland

Laboratory Sector Manager, Haematology, South Glasgow

SCIENCE

Introduction to the Biomedical and Life Sciences

THE BIOMEDICAL AND LIFE SCIENCES ARE CONCERNED WITH THE STUDY OF MANY DIFFERENT ASPECTS OF MODERN BIOLOGY FROM MOLECULAR BIOLOGY AND MICROBIOLOGY TO ZOOLOGY AND ECOLOGY. EXCITING NEW DISCOVERIES ARE BEING MADE EVERY DAY RELATING TO HEALTH, DISEASE AND THE DIVERSITY OF LIFE.

For example, genetic engineering is having a major impact on biology as a discipline and it will change the way that we view all aspects of life. Techniques used in deciphering an organism's genome can be applied to a variety of research areas in the biomedical and life sciences to help us better understand our environment. We recognise the importance of the practical aspects in the study of life processes, so you will have many opportunities to gain hands-on experience in the laboratory or in the field, as well as in the lecture theatre. Our virtual learning environment (Blackboard) also provides substantial resources to support your learning experience.

The practical work-related learning offered on these programmes allows students to gain work experience. Skills are transferable, offering a wide range of career choices. Within the broad framework of 'Applied Bioscience', it is possible to study a flexible package of modules that enable graduates to gain a wide range of skills and knowledge to equip them for careers in the health

care, pharmaceutical and biotechnology industries, in hospitals, teaching, biological research and in environmental industries. Marketing and administration positions are also open to graduates. Students will be given the opportunity to network with industry employers at the annual careers fair.

The courses offered in Biomedical and Life Sciences are based on a broad foundation that is delivered in Years 1 and 2. Lecturers support students throughout their studies and can offer a wealth of experience from a diverse range of research backgrounds including biodiversity, metabolomics, biomarkers for disease, muscle physiology, fish biology and rheumatoid arthritis.

Under the flexibility of the University's modular structure you can study programmes in Applied Bioscience on a Single subject basis (specialising in one main subject area), on a Joint subject basis (dividing studies over two subject areas in equal proportion) or as Major/Minor subject combinations (studying two subject areas, with the majority of modules drawn from one subject and a smaller number drawn

"As a biologist, being able to study chemistry has been invaluable in the research I am involved with now. The emphasis at UWS was very much on developing practical research and building the skills we would require as future scientists. One of the most important aspects of my time spent at UWS was being encouraged to believe that with hard work anything was possible! After graduating from UWS, I continued my studies and undertook a PhD on the role of the immune system in Prion diseases."

Karen Brown

Post-Doctoral Research Fellow, Roslin Institute of Edinburgh

from another). This means that you can spend more time studying what interests you most in life science.

The range of likely titles available (subject to demand and timetabling constraints) is shown below. There is potential to study at Hamilton and Paisley Campuses for students wanting to specialise in a particular area. Combination with a modern language and/or study in a foreign partner university may also be possible.

DEGREE TITLES

- Applied Bioscience
- Applied Bioscience with Forensic Investigation
- Applied Bioscience and Psychology
- Applied Bioscience and Zoology
- Applied Biomedical Science*
- Biomedical Science*
- Psychology and Zoology

PLACEMENT/WORK-RELATED LEARNING

To enable you to gain hands-on practical experience during your degree studies three options are available:

- 1 A sandwich placement which takes the form of a 9–12 month period of paid industrial experience between Years 3 and 4 of your degree. The placement selected will depend on your chosen specialism. Selection for placement is made on a competitive basis during Year 3.

- 2 A single or double work-related learning module in your third year of study
- 3 A 15-week placement in a hospital laboratory during your third year of study for students taking the Applied Biomedical Science degree.

Work-related learning modules are unpaid but receive academic credit. Students work between 1-4 days per week for a company during the second trimester of their third year of study.

Students taking the Applied Biomedical Science degree are considered for the 15-week integrated work placement in an accredited hospital training laboratory at the start of their third year of study. Placements are allocated on a competitive basis. The integrated work placement receives academic credit and is equivalent to a trimester of academic study.

For courses in the Biomedical and Life Sciences see pages 172–181.

*The Biomedical Science degree title is professionally accredited by the Institute of Biomedical Science. The Applied Biomedical Science title is approved by the Health Professions Council and is also accredited by the Institute of Biomedical Science, so this title provides a really effective entry to work in the NHS laboratories.

SCIENCE

Applied Bioscience

THIS PROGRAMME HAS BEEN DESIGNED TO PROVIDE YOU WITH A COMPREHENSIVE KNOWLEDGE BASE IN THE MODERN BIOSCIENCE DISCIPLINES AS WELL AS DEVELOPING THE SPECIFIC PRACTICAL AND TRANSFERABLE SKILLS THAT WILL ENHANCE GRADUATE EMPLOYABILITY.

The bio-industry in Scotland, incorporating existing chemical and pharmaceutical companies, is expanding very rapidly as measured by the number of new company start-ups and the total number of people employed.

COURSE CONTENT

YEAR 1

Year 1 of the course has been designed to provide students with a broad-based introduction to a range of biological disciplines covering the scope of the subject from cell and molecular aspects through to ecological and environmental topics. Additionally, students are introduced to other underpinning disciplines and transferable skills, for example, ICT and scientific computation. Also available are a number of electives which students select, with advice from their tutor, based on interests and future career plans. Depending on your choice of campus, these can include chemistry, maths, geology, physics, psychology and computing.

All first year students are provided with an introduction to the use of the

Blackboard Virtual Learning Environment and to personal development planning.

YEAR 2

In Year 2, the basic aspects of life science are developed. The range of topics offered covers: aspects of cell biology, cell culture, analytical techniques, pharmacology, biochemistry, the biosphere, microbiology, human biology, vertebrate physiology and evolution, and genetics (some not available on both campuses). There is scope in Year 2 for students to study all modules in biosciences, or to select bioscience modules in combination with other subjects. Many students choose to study two subjects; popular combinations include biology with chemistry, or psychology.

YEAR 3

In Year 3 of the course, students may elect to concentrate their studies on the molecular aspects of bioscience (protein structure and function, DNA technology, immunotechniques and pharmacology). Otherwise, and according to campus attended, the range of topics offered covers aspects such as an extended treatment of biochemistry, microbiology,

UCAS

Hamilton
C710 H BSc/ABio

Paisley
C710 P BSc/ABio

Campus
Hamilton, Paisley

School

Science

Entry

Year 1 Highers BBCC or above; for mature applicants (over 21), relevant experience.

A-Level CCC, preferably including Chemistry or Biology plus GCSE English and Maths.

Year 2 CertHE/HNC in a relevant discipline. Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry.

A-level BBC, to include Biology and Chemistry.

Year 3 DipHE/HND in Applied Bioscience or equivalent qualification.

Please note: ideally candidates should also be able to demonstrate that they have achieved passes (at Grade 1–3 in Standard Grade or Intermediate 2) in Maths, English and Chemistry. Applicants will normally be invited for interview.

Duration

BSc 3 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

molecular biology and human physiology, and the introduction of more specialist disciplines such as animal behaviour, immunology and entomology. Choice is maximised for students taking the Applied Bioscience title, but there are some restrictions according to the programme title and the campus.

There is provision for a case study or work-related learning relating to the chosen interests of the student. A 12-week work placement is an optional, but exceedingly valuable part of the degree; shorter work-related placements may also be available. The work placement is established for students taking into account their interests and circumstances and is normally in a bioscience laboratory in a biotechnology, pharmaceutical or analytical company or in a hospital laboratory. The placement enhances students' employability and preparation for the project in Year 4.

(OPTIONAL) SANDWICH PLACEMENT

An extended twelve-month sandwich placement may be available for students interested in gaining practical experience.

YEAR 4 (HONOURS)

This year will develop and further refine the subjects studied previously. A critical part of the Year 4 curriculum is a supervised project which allows students an opportunity to participate in research in a subject area of their own choosing.

CAREER PROSPECTS

As the sector matures, the nature of the companies is also changing from research and development to bio-manufacturing. Consequently, the career options have also expanded to include research, analysis, production, and quality assurance and regulatory affairs. Other career options available include sales and marketing, teaching, publicly-funded research and monitoring agencies, and the traditional bio-industries such as brewing and food processing. Graduates from this course, with its strong emphasis on practical skills, will be well-placed to seek employment in any of these areas. Successful students may also progress to postgraduate studies at MSc or PhD level. This qualification is acceptable to all Schools of Education for embarking on teacher training (Biology and Science) courses.

PROFESSIONAL RECOGNITION

Successful completion of this course will normally enable graduates to join the Society of Biology after an appropriate period of industrial experience.

Contact

Dr Catriona Tedford
(Hamilton Campus)
Dr Richard Thacker
(Paisley Campus)
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk



SCIENCE

Applied Bioscience with Forensic Investigation

FORENSIC INVESTIGATION IS THE APPLICATION OF SCIENTIFIC KNOWLEDGE AND TECHNIQUES TO SOLVING CRIME. IN THIS COURSE YOU WILL GAIN THE UNDERPINNING KNOWLEDGE AND SKILLS IN BIOLOGICAL AND CHEMICAL SCIENCES THAT ARE ESSENTIAL TO FORENSIC INVESTIGATIONS.

We aim to produce graduates with good laboratory skills that will be valuable to future employers. You will have the opportunity to develop expertise in scientific techniques, analysis and presentation of results from the start of the course. In your third year you will have the opportunity to undertake a twelve-week work placement with a relevant employer. In the School of Science we aim to provide a caring and supportive environment for our students. Practical work and tutorials will be undertaken in smaller groups to encourage informal discussion.

COURSE CONTENT

YEAR 1

Year 1 will provide a broad-based introduction to a range of biological subjects underpinned by key and transferable skills. You will be introduced to the principles of crime scene investigation which will include crime scene methodology, gathering evidence and a range of techniques such as fingerprinting and blood pattern analysis. All first-year students are provided with an introduction to the use of the Blackboard Virtual Learning Environment and to personal development planning.

YEAR 2

In Year 2 you will learn how to identify, collect and analyse biological trace evidence from a crime scene and acquire expertise in the use and application of microscopy in a forensic investigation. The study of biological disciplines will be advanced by introducing subjects such as molecular genetics, biochemistry, pharmacology and microbiology.

YEAR 3

In Year 3 you will advance your knowledge of some key techniques used in forensic investigation to study DNA and controlled substances. In the second trimester, using the knowledge of crime scene management and analytical techniques, you will apply this to investigate a crime scene scenario. You may have an element of choice in the aspect of bioscience you would like to focus on e.g. microbiology, immunology, DNA technology, biochemistry etc. Students will have the opportunity to undertake a twelve-week work placement in this year which will be extremely valuable for future employment. The placement will normally be in a research, hospital or company laboratory.

UCAS

C7F4 H BSc/ABWF1

Campus

Hamilton

School

Science

Entry

Year 1 Highers BBCC or above; for mature applicants (over 21) relevant experience.

A-Level CCC, preferably including Chemistry or Biology plus GCSE English and Maths.

Year 2 CertHE/HNC in a relevant discipline. Applicants with the Scottish Baccalaureate qualification in science may be considered for Year 2 entry.

A-Level BBC, to include Biology and Chemistry.

Year 3 DipHE/HND in Applied Bioscience or equivalent qualification.

Please note: Ideally candidates should also be able to demonstrate that they have achieved passes (at Grade 1–3 in Standard Grade or Intermediate 2) in Maths, English and Chemistry. Applicants will normally be invited for interview.

Duration

BSc 3 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Dr Gail McGarvie

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

YEAR 4 (HONOURS)

This year will include the study of forensic specialist subjects taking you from the crime scene to the courtroom while gaining in-depth knowledge of your chosen biological subjects and their applications. A critical part of the Year 4 curriculum is a supervised project which offers you the opportunity to participate in research in a subject area of your own choosing.

CAREER PROSPECTS

As an Applied Bioscience graduate, you will be multi-skilled and can look forward to a comprehensive choice of career opportunities in areas such as the healthcare, pharmaceutical, forensic science, food, drinks, biotechnology and environmental management industries. Typical jobs can include hospital, industrial or analytical research and the development, sales or marketing of biological equipment and consumables. Alternatively, you may decide to continue your studies by pursuing postgraduate opportunities in research, teaching or other full-time courses. Please refer to our website for examples of our graduate employment.

"I've always had a keen interest in science and the chance to specialise in forensics seemed like a new and exciting challenge for me. I hope to get a job with the police service or in a private company such as the Forensic Science Service."

Michael Whan

Forensic Science Student

SCIENCE

DipHE Applied Bioscience with Forensic Investigation

FORENSIC INVESTIGATION IS THE APPLICATION OF SCIENTIFIC KNOWLEDGE AND TECHNIQUES TO SOLVING CRIME.

This 2 year programme can be taken as a standalone qualification or used as the entry point to one of the University's related degree programmes at Year 3.

This course will provide an introduction to the biological and chemical sciences that are essential to forensic investigations.

CAREER PROSPECTS

Graduates will be multi-skilled personnel and should be able to seek employment in a variety of areas within the forensic science service as well as in the pharmaceutical and biotechnology industries and in public organisations such as the police, customs and excise, consumer/environmental protection.

PROGRESSION

Students who successfully complete the DipHE will be able to apply to the third year of the BSc/BSc (Hons) programmes in Applied Bioscience or Applied Bioscience with Forensic Investigation.

UCAS
C7FL H DipHE/ABFI

Campus
Hamilton

School
Science

Entry

Year 1 2 Highers at Grade C or above.

Year 2 CertHE/HNC in a relevant discipline.

A-level BCC, to include Biology and Chemistry.

Please note: ideally candidates should be able to demonstrate that they have achieved passes (at Grades 1–3 in Standard Grade or Intermediate 2) in Chemistry, Maths and English. Candidates lacking a pass in Chemistry can attend a one week Summer School in September and additional tutorials throughout the year. Applicants will normally be invited for interview.

Duration

DipHE 2 years

Contact

Dr Gail McGarvie
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

SCIENCE

Applied Bioscience and Psychology

THE DEGREE IN APPLIED BIOSCIENCE AND PSYCHOLOGY PROVIDES AN OPPORTUNITY TO GAIN BEHAVIOURAL EXPERTISE FROM BOTH BIOLOGICAL AND PSYCHOLOGICAL PERSPECTIVES.

Particular emphasis is placed on understanding the means by which we study behaviour. While the main focus is on human behaviour, there are opportunities to work with animals. The programme includes in-depth methods training, laboratory based workshops and practical classes, experimental experience and studies in the social sciences. It offers broadly based study focusing on the increasing importance of human behaviour, the development of speech and thought, and the influence of sciences and society on these processes. By combining studies in psychology and biology, students acquire an additional biological or biomedical perspective and an insight into animal behaviour.

COURSE CONTENT

YEARS 1 & 2

See entries for BSc Psychology (page 194) and BSc Applied Bioscience (page 172).

YEAR 3

Students take modules in psychology research methods that support a research project in this area. In addition, students take further specialist modules in Psychology and Applied Bioscience and free electives from a list of options.

(OPTIONAL) SANDWICH PLACEMENT

For students interested in gaining practical experience an optional sandwich placement is available.

YEAR 4 (HONOURS)

In Year 4 students undertake an in-depth dissertation on a specialised topic. They also study modules in Psychology and Applied Bioscience, and select free elective options.

CAREER PROSPECTS

Psychology is relevant to many aspects of everyday life and in particular, to any activity in which people are important. Psychologists find employment in a broad range of areas such as marketing, management, the media, teaching, academic research and industry. As a graduate of Applied Bioscience and Psychology you will also be well-qualified to pursue a career in research-based activities within the health and public services or to continue your studies with a postgraduate course.

UCAS
CC98 P BSc/ABP

Campus
Paisley

School
Science

Entry

Higher BBCC including a science subject and preferably English, plus S Grade English and Maths. S Grade Chemistry preferred.

A-Level CCC, preferably including English and a science subject, plus GCSE English and Maths

Year 2 Contact Admissions Officer for details. Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry.

A-Level BBC, to include Biology and English.

Duration

BSc 3 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Dr Richard Thacker
0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

Part-time option also available. Contact University Direct
0141 848 7044
uni-direct@uws.ac.uk

SCIENCE

Applied Bioscience and Zoology

THE JOINT DEGREE TITLE OFFERS STUDENTS THE OPPORTUNITY TO STUDY BIOLOGY WITH A SPECIALISATION IN THE STUDY OF ANIMALS. SPECIALIST MODULES INCLUDE THE STUDY OF VERTEBRATE PHYSIOLOGY AND EVOLUTION, ANIMAL DIVERSITY, APPLIED ENTOMOLOGY, ANIMAL BEHAVIOUR AND INSECT PEST MANAGEMENT.

The programme has a strong practical component and students are expected to further develop a variety of practical skills on marine and terrestrial field trips and in an Honours year project.

CAREER PROSPECTS

Students graduating with the Joint title would be well-versed in practical problem-solving skills and possess a thorough knowledge of animal biology which would provide opportunities in a wide range of careers from animal research through science teaching, and work with educational leisure centres, pest control organisations and zoos. Former graduates with a similar qualification have taken up posts as an ornithological researcher in Canada; coral reef reserve warden; and pet therapist. Biology graduates from the University work for many of the major conservation organisations in Scotland, at scientific and managerial levels; including Scottish Natural Heritage, British Trust for Ornithology, Scottish Wildlife Trust, and Scottish Environment Protection Agency.



UCAS

CC93 P BSc/ABZ

Campus

Paisley

School

Science

Entry

Year 1

Highers BBCC or above; for mature applicants (over 21), relevant experience.

A-Level CCC, preferably including Chemistry or Biology plus GCSE English and Maths.

Year 2 CertHE/HNC in a relevant discipline.

Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry.

A-Level BBC, to include Biology and Chemistry.

Year 3 DipHE/HND in Applied Bioscience or equivalent qualification.

Please note: ideally candidates should also be able to demonstrate that they have achieved passes (at Grade 1–3 in Standard Grade or Intermediate 2) in Maths, English and Chemistry. Applicants will normally be invited for interview.

Duration

BSc 3 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Dr Richard Thacker

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

Science

CertHE Applied Bioscience

THE AIM OF THIS COURSE IS TO EQUIP YOU WITH A PLATFORM OF BIOLOGICAL KNOWLEDGE AND SKILLS THAT WILL PROVIDE A SOUND BASIS FOR YOUR FURTHER STUDIES IN ALL AREAS OF APPLIED BIOSCIENCE. OUR STAFF WILL SUPPORT YOUR PROGRESS AND PROVIDE ADVICE ON THE COURSE CHOICES AVAILABLE. ADDITIONAL TUITION WILL BE MADE AVAILABLE TO YOU, SUCH AS OUR ONE-WEEK BIOLOGY AND CHEMISTRY SUMMER SCHOOL, AND THROUGHOUT THE YEAR IN SELECTED TOPICS.

This course has been designed to provide you with a broad-based introduction to a wide range of biological subjects, such as biochemistry, microbiology, and physiology. Additionally, you will be introduced to other underpinning disciplines and transferable skills e.g. chemistry, presentation skills, ICT, and scientific computation. All of the subjects taught are fully supported on our online virtual learning environment Blackboard, which can be accessed on or off campus.

COURSE CONTENT

The subjects on offer include introductory chemistry, physiology, cell biology, biodiversity, scientific investigation and data handling. Within scientific investigation you can opt for the forensics or health theme based on your interests and future career plans.

PROGRESSION

Our flexible approach means you can choose from three potential areas to carry on with your studies at UWS once you have completed this year. When you pass the CertHE you can apply for entry to either the second year of the BSc programme in Applied Bioscience, DipHE or BSc Applied Bioscience with Forensic Investigation. Alternatively you may choose to use the UWS CertHE as an entry qualification for other courses.

UCAS

C700 H CertHE/ABi

Campus

Hamilton

School

Science

Entry

Higher 1 Higher at Grade C or above.

Other NC/NQ in a relevant discipline; for mature students (over 21), relevant experience. Please note: ideally, candidates should also be able to demonstrate that they have achieved passes (at Grades 1–3 in Standard Grade or Intermediate 2) in Chemistry, Maths and English. Candidates lacking a pass in Chemistry or Biology can attend our one-week summer school in September and have the opportunity to attend additional tutorials throughout the year. Applicants will normally be invited for interview.

Duration

Cert HE 1 year

Contact

Jane Tobias

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

Science

Biomedical Science/ Applied Biomedical Science

BIOMEDICAL SCIENTISTS PLAY A VITAL ROLE IN MODERN HEALTHCARE. WORKING IN HOSPITAL LABORATORIES THEY PROVIDE MEDICAL AND NURSING STAFF WITH THE LABORATORY RESULTS THAT ARE VITAL IN THE DIAGNOSIS, TREATMENT AND MONITORING OF DISEASE. OUR PROGRAMMES, APPLIED BIOMEDICAL SCIENCE AND BIOMEDICAL SCIENCE, HAVE BEEN SPECIALLY DESIGNED TO MEET THE NEEDS OF THE NATIONAL HEALTH SERVICE AND ARE ACCREDITED BY THE INSTITUTE OF BIOMEDICAL SCIENCE (IBMS) AND FOR THE APPLIED BIOMEDICAL PROGRAMME, APPROVED BY THE HEALTH PROFESSIONS COUNCIL (HPC).

As an Applied Biomedical Science/ Biomedical Science student you gain a solid grounding in the four themes that form biomedical science (clinical biochemistry, haematology, cellular pathology and microbiology) and will be well prepared for this career. The programmes involve significant practical work and include visits to laboratories and lectures from laboratory staff.

Both programmes are the same in Years 1 and 2. Applied Biomedical Science involves a compulsory work placement which is undertaken in an NHS laboratory in Year 3 of your studies. Note that the award of placements is competitive. Applied Biomedical Science is known as an "integrated" degree because it is taught in two locations; the University and the hospital lab. With an Applied Biomedical Science degree you

do not have to undertake any further study to gain a position as a Biomedical Scientist. UWS works in partnership with staff from NHS laboratories and the Health Professions Council to equip students with the theory and practical skills necessary to become a biomedical scientist. Biomedical Science graduates need to undertake further training within the National Health Service before becoming a biomedical scientist.

COURSE CONTENT

YEAR 1

The topics covered in Year 1 will include biology and also chemistry, which provides the background necessary to study the range of options in later years.

UCAS

Biomedical Science

B940 P BSc/BiomS

Applied Biomedical Science

C910 P BSc/ABS

Campus

Paisley

School

Science

Entry

Higher BBCC including two science based subjects, preferably Biology and Chemistry, plus English, Maths and Chemistry at least @ S Grade. Higher Chemistry and S Grade Biology would be preferred.

A-Level CCC, plus GCSE English and Maths.

Year 2 HNC in a related subject. Applicants with the Scottish Baccalaureate qualification in science may be considered for Year 2 entry.

A-Level BBC, to include Biology and Chemistry.

Year 3 HND in a related subject for entry to the Biomedical Science degree only.

Additional Requirements for Entry

For students graduating with BSc Applied Biomedical Science entry to the HPC register is dependent on the necessary character and health checks. International students require an IELTS score of 7.0 with no element below 6.5.

Duration

BSc Hon 4 years

BSc Hon (Sandwich) 5 years

YEAR 2

The range of topics offered in Year 2 covers aspects of cell biology, biochemistry, immunology, microbiology, human biology and genetics. You will also be introduced to clinical biochemistry, haematology, microbiology and pathology which are crucial to biomedical science. At the end of Year 2, students intending to pursue the Applied Biomedical Science degree undergo selection, including review of academic progress, health and Disclosure Scotland checks to ascertain their suitability for placement.

YEAR 3

The main focus of study is clinical biochemistry, haematology, cellular pathology and microbiology which make up the major themes of biomedical science. For students undertaking the Applied Biomedical Science programme during this year there is a fifteen-week integrated work placement in a hospital laboratory. Please note, students outwith Europe are unable to take part in placements.

YEAR 4 (HONOURS)

In the Honours year students undertake a research project and study more specialist aspects of biomedical science at a higher level. Haematology, clinical immunology, transfusion science and microbiology are studied.

CAREER PROSPECTS

The professionally accredited and approved status of the University's programmes enables graduates to stand out in short-listing for positions in the sector. Applied Biomedical Science graduates can seek employment immediately, as they will automatically be on the HPS register. UWS graduates leave with the theoretical knowledge and practical skills needed for a successful career.

With an Applied Biomedical Science degree your starting salary will be greater than £20,000 and with further training there are good opportunities for advancement of your career and salary. Biomedical Science graduates start at a slightly lower grade and undertake training while employed in the NHS. However, you need not work in a hospital laboratory following graduation. You will find University of the West of Scotland biomedical graduates employed as research scientists, primary and secondary teachers, forensic scientists, medical reps and police officers.

PROFESSIONAL EXEMPTIONS

The BSc Honours Biomedical Science is accredited by the Institute of Biomedical Science. The BSc Honours Applied Biomedical Science is accredited by the Institute of Biomedical Science and approved by the Health Professions Council.

Contact

Dr Richard Thacker
0141 848 7044
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uni-direct@uws.ac.uk



*BSc Hon Biomedical Science accredited by the Institute of Biomedical Science; BSc Hon Applied Biomedical Science accredited by the Institute of Biomedical Science and approved by the Health Professions Council.

Science Chemistry

OUR CHEMISTRY DEGREE IS DESIGNED TO PROVIDE YOU WITH A SOUND, FUNDAMENTAL KNOWLEDGE OF THE SUBJECT AND THE PRACTICAL SKILLS TO OPERATE SUCCESSFULLY IN AREAS SUCH AS DRUG RESEARCH, ENVIRONMENTAL ANALYSIS AND FORENSIC SCIENCE.

The degree at UWS is recognised by employers as having a strong analytical and applications focus, which is a good preparation for work in many industries.

Throughout your studies, you will be encouraged to develop professional skills through practical and project work, problem-solving skills with the aid of computer technology, plus the analytical and communication skills which are expected of the modern scientist. The broad-based structure of the course offers you a range of options to suit your desired career.

It is also possible to develop an interest by finding a work placement in a particular industry. Although the programme has a strong academic content, it also provides you with opportunities for direct, hands-on experience with modern chemical instruments particularly in the areas of analytical chemistry and in health-related fields. In addition, much of the teaching, especially in later years, is carried out in relatively small groups giving you ample opportunity to explore the subjects in greater depth. It is these aspects

of the programme that give you an advantage when seeking employment.

COURSE CONTENT

YEAR 1

You are introduced to the fundamental concepts through studying general aspects of chemistry along with organic, inorganic and physical chemistry. Laboratory sessions develop practical and communication skills enabling you to apply fundamental concepts to the solution of chemical problems. You also take two other science subjects. Transferable skills such as computing, word-processing, presentation skills and personal development are fully integrated into the course.

YEAR 2

The areas of organic, inorganic, analytical and physical chemistry are studied in greater depth and practical skills are developed in all four areas. In addition, topics in chemical engineering and forensic science may be studied.

YEAR 3

In Year 3 the main areas of analytical, inorganic, organic and physical chemistry are studied to a more advanced level. Additional topics

UCAS

F100 P BSc/Chem

Campus

Paisley

School

Science

Entry

Higher BBCC including two science-based subjects, along with passes in English, Maths and Chemistry at least @ S Grade. Higher Chemistry preferred.

A-Level CCC, preferably including Chemistry. English, Maths and Chemistry @ GCSE.

Year 2 HNC in a related subject. Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry. A-Level BBC, to include Chemistry and another Science.

Year 3 HND in a related subject.

Duration

BSc 3 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Dr Richard Thacker

0141 848 7044

(44 141 848 7044

outwith the UK)

uni-direct@uws.ac.uk

covered include enzymes and pharmaceutical production and safety and environmental chemistry. At the end of Year 3 you have the opportunity to graduate with a BSc Chemistry degree.

(OPTIONAL) SANDWICH PLACEMENT

The Honours sandwich programme offers you the benefit of a year's paid work experience between Years 3 and 4 within an environment relevant to your specialism and area of interest.

YEAR 4 (HONOURS)

The main branches of chemistry are studied in greater depth alongside a broad range of advanced topics such as spectroscopy, photochemistry, advanced analytical techniques and advanced synthesis of organic molecules. In addition, you will undertake an individual research project, usually on a topic of your choice. Recent projects have included topics such as the synthesis of potential drugs, environmental analysis, forensic analysis of drugs, laser photochemistry and pigment synthesis.

CHEMISTRY WITH OPTIONS

You can combine your study of chemistry with a range of other options such as Multimedia, Management, Psychology and Languages. This would give a combined degree title, such as 'Chemistry with Management'.

CAREER PROSPECTS

As a graduate of Chemistry, you will have developed a range of flexible skills which will be suitable for a career in chemical research, industry, commerce, technical sales, management or teaching. Some examples of job roles include a process chemist at GSK, laboratory supervisor at BNFL Sellafield, and a medicinal chemist with Scottish Biomedical. Chemistry graduates are also sought by non-scientific employers such as stockbrokers, given their problem-solving skills and logic.

PROFESSIONAL EXEMPTIONS

The BSc Chemistry and BSc (Honours) Chemistry are recognised by the Royal Society of Chemistry as fulfilling the academic requirements for admission to Associate Membership (AMRSC).

PART-TIME DAY RELEASE OPTION

Designed for Chemists in employment, the course allows students with an appropriate HND qualification in Chemistry (or equivalent) to continue part-time study to degree and Honours degree levels. For more information on part-time day release options in Chemistry contact Dr Jorge Chacon on 0141 848 7044.

PROFESSIONALLY
RECOGNISED
Royal Society
of Chemistry

Part-time option also
available. Contact
University Direct
0141 848 7044
uni-direct@uws.ac.uk

Science

Environmental Health*

DURING THE FIRST YEAR STUDENTS STUDY BASIC BIOLOGICAL AND CHEMICAL SCIENCES AS WELL AS AN INTRODUCTION TO HEALTH AND SAFETY. THE FIRST YEAR SCIENCE STRUCTURE PROVIDES FOR FLEXIBILITY AND ALLOWS STUDENTS TO PROGRESS TO DEGREES IN APPLIED BIOSCIENCE, CHEMISTRY, AND BIOMEDICAL SCIENCE, AS WELL AS ENVIRONMENTAL HEALTH AFTER THE FIRST YEAR OF STUDY.

Specialisation in topics in Environmental Health begins in Year 2 with detailed consideration of health & safety, the working environment and an introduction to microbiological analysis. In Year 3 students further specialise with core material in environmental health law, entomology, parasitology and food inspection and safety. Students also have the opportunity to undertake work-based learning relevant to their degree at this point. Measurement quality and processes will be addressed through the chemical analysis modules Analytical Measurement (Year 2) and Safety, Health and Environmental Protection (Year 3). Students will have access to specialist facilities throughout the programme such as the dedicated level 2 containment microbiology laboratory for microbiological analysis of samples and the spatial pattern analysis research laboratory for modelling environmental data.

In the final year of the course students undertake a research project and are introduced to advanced food

inspection, public health microbiology and to detailed study of pollution control. Research projects can be undertaken in collaboration with active researchers in the University and with environmental health departments of local authorities and consultancies.

PROFESSIONAL RECOGNITION
Accreditation for the course will be sought from the Royal Environmental Health Institute for Scotland (REHIS) and the Chartered Institute of Environmental Health (CIEH). Graduates must also complete a REHIS/CIEH approved 1-year training programme with a local authority on completion of their degree.

CAREER PROSPECTS
Graduates have the option of working in the public sector or for a private company. Career choices are wide ranging and cover all aspects of health in the environment such as restaurant inspections, pest infestations, noise pollution and waste management.

UCAS

B910 P BSc/EnvH

Campus

Paisley

School

Science

Entry

Year 1 Higher BBCC including 2 science based subjects plus Standard Grade English and Maths. Biology and Chemistry would be preferred at Higher Grade.

A-Level CCC, preferably including Biology or Chemistry plus GCSE English and Maths.

NB Successful completion of an Access to Science course would lead to Year 1 entry.

Year 2 Successful completion of 120 credit HNC Applied Sciences.

A-Level BBC, to include Biology and Chemistry.

NB Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry.

Duration

BSc 3 years

BSc (Honours) 4 years

Contact

Dr Richard Thacker

0141 848 7044

(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

*At time of print, course offered subject to final University approval.



SCIENCE

Forensic Science

FORENSIC SCIENCE IS THE APPLICATION OF SCIENCE IN SUPPORT OF THE LEGAL PROCESS. FORENSIC SCIENTISTS AIM TO GATHER EVIDENCE AND ANALYSE IT FOR USE IN A COURT OF LAW IN A WAY THAT IS IMPARTIAL, EXPERT AND BASED ON SOLID SCIENTIFIC FACTS. THE GREAT STRIDES MADE IN THE ANALYTICAL SCIENCES AND GENETICS IN RECENT YEARS HAVE GREATLY INCREASED THE POWER OF FORENSIC SCIENCE, AND MADE THE SCIENTIST CENTRAL TO SOLVING MANY CRIMINAL CASES.

You will gain underpinning knowledge and skills in the biological and chemical sciences that are most important in forensic science. Forensic Science modules are embedded into the first year of study and lab work plays a key role in the development of skills. In addition, areas such as crime scene investigation, statistics and probability are studied with an optional module, Law of Evidence, which sets the context in which forensic scientists must work. Laboratory work is a central role, allowing you to develop as a practical scientist capable of examining evidence, extracting information and presenting your findings. A variety of other teaching methods includes site visits, guest lectures, workshops, role-play and presentations.

The University has many well-equipped laboratories for the teaching of forensic science and our students gain hands-on experience in techniques

such as gas chromatography-mass spectrometry, ICP atomic absorption spectroscopy, infra red spectroscopy, gel electrophoresis and scanning electron microscopy with x-ray microanalysis. This equipment is also used for research, teaching and investigative work, for example we are using environmental forensic techniques to protect food supplies in the developing world and chiral chromatography to investigate and profile clandestine drug sources. The crime scene laboratory gives students the opportunity to investigate typical crime scene scenarios in a realistic manner.

COURSE CONTENT

YEAR 1

Biology and chemistry are studied to provide a grounding in these underpinning sciences, and complementary laboratory work will develop your practical skills in these areas. Two forensic science modules

UCAS

F410 P BSc/FS

Campus

Paisley

School

Science

Entry

Year 1 Higher BBCC including two science-based subjects, along with passes in English, Maths and Chemistry at least @ 5 Grade. Higher Chemistry preferred.

A-Level CCC, preferably including Chemistry. English, Maths and Chemistry @ GCSE.

Year 2 A-Level BBC, to include Chemistry and another science. Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry.

Duration

BSc 3 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Dr Richard Thacker

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

cover fingerprinting techniques, and alcohol and drug analysis with reviews of relevant contentious cases. Transferable skills such as computing, word processing, presentation skills and personal development are fully integrated into the course.

YEAR 2

Biological sciences and chemistry knowledge is further advanced through classical and molecular genetics, organic and analytical science. Forensic science content is developed through topics covering crime scene investigation, drugs, explosives and forensic probability.

YEAR 3

The forensic science theme is further extended through a number of specialist modules. You are given extensive hands-on experience of instrumental techniques used routinely in forensic science investigations, such as microscopy of trace evidence, gas and liquid chromatography of drugs, explosives and illicit substances and atomic spectroscopy of toxic metals.

(OPTIONAL) SANDWICH PLACEMENT

For students interested in gaining practical experience, the sandwich degree award offers the benefit of a paid placement period in industry.

YEAR 4 (HONOURS)

A number of forensic specialist modules will deepen your understanding

of analytical sciences, toxicology, criminalistics and physical evidence. In addition, an individual project in a related area is undertaken over two trimesters. Recent projects have involved the investigation of accelerants in arson cases, chiral profiling of designer drugs and applications of forensic microscopy. The skills gained will make graduates attractive not only to the forensic science sector but also to many employers in the biotechnology, chemical and pharmaceutical industries.

CAREER PROSPECTS

The skills and knowledge of a forensic scientist will find application in a very wide range of areas. Organisations such as the police and customs and excise are the obvious employers, however work in environmental protection, accident investigation, drug research, the chemical industry and biomedical sciences are possible. Forensic science graduates will also be sought-after for work in analytical laboratories. Recent graduates have also continued their studies in forensic science on taught MSc programmes and in postgraduate research.

PROFESSIONAL RECOGNITION

The BSc (Hons) Forensic Science course is recognised by the Royal Society of Chemistry as fulfilling the academic requirements for admission to Associate Membership (AMRSC).



*BSc Hons Forensic Science

SCIENCE

Occupational Safety and Health

THE JOB OF THE SAFETY PROFESSIONAL HAS EXPANDED FROM THE TRADITIONAL ROLE OF ACCIDENT PREVENTION AND PROTECTION OF INDIVIDUAL EMPLOYEES TO INCLUDE SAFETY MANAGEMENT SYSTEMS, RISK ASSESSMENT, RISK REDUCTION AND RISK CONTROL TECHNIQUES.

In order to perform their duties effectively, the safety professional must fully understand the concept of risk, be aware of specific risks, effects on workers and control and preventative strategies. They must also be prepared to deal with detailed legislation, be aware of the financial implications of decisions and obtain the best working environment at affordable costs.

There is a growing demand for well-qualified and suitably trained graduates to assist in the solution of health and safety, environmental and waste management problems. This programme enables students to have the confidence to manage the health and safety of their own organisations, or, if not yet in employment, to be in a competitive position for work.

COURSE CONTENT

YEAR 1

The modules offered in Year 1 aim to provide students with a broad base from which more advanced topics can be developed. This also allows flexibility in the progression routes for Year 2. Students successfully completing Year 1 can progress to Year 2 in Safety and Health, Environmental Health, Biology or Chemistry. The contents of the modules include: cells and molecules, dealing with data, biodiversity, chemistry and reactions, scientific investigation and health and safety at work.

YEAR 2

Modules are specific to safety and health and cover all the main topic areas. A variety of speakers will deliver specific information relating to their own area of expertise – eg general health and safety management, health and safety law, construction, radiation, technology, health and hygiene and risk management.

Recent guest speakers have included representatives from SEPA, IOSH, Health and Safety Executive, various councils and businesses within the private sector.

UCAS

B920 P BSc/OSH

Campus

Paisley

School

Science

Entry

Higher BBCC, plus English, Maths and Chemistry, at least at S Grade.

A-Level CCC at A-Level plus English, Maths and Chemistry, at least at GCSE.

Year 2 Entry to Year 2 will be considered for applicants with an HNC in Health and Safety or a closely related subject. Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry.

Year 3 Entry to Year 3 will be considered for applicants with an HND in Health and Safety or a closely related subject.

Other academic, vocational or professional qualifications deemed to be equivalent (e.g. NEBOSH) may be considered for entry. The current level of the applicant's job responsibility will also be taken into consideration.

Duration

BSc 3 years full-time

Contact

Jan Miller

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

YEAR 3

The emphasis in Year 3 is on management to enable students to understand the principles and application of managing health and safety in the workplace. Environmental management is introduced and modules include: case studies, professional skills, environmental responsibilities, managing health and safety within business and a safety management project.

CAREER PROSPECTS

Graduates have gone on to pursue careers in a wide range of organisations including local authority, public sector organisations, shipbuilding and insurance companies. Jobs have been secured as health and safety officers or consultants, training consultants, and risk assessors.

PROFESSIONAL RECOGNITION

Upon successful completion of the BSc programme, students can apply to the Institution of Occupational Safety and Health (IOSH) to become a graduate member and could therefore, on acceptance, use the designatory letters Grad IOSH. This category denotes those who are academically qualified to become Chartered Members, but are currently completing a mandatory IPD/CPD cycle.

PROFESSIONALLY
RECOGNISED
Institution of
Occupational
Safety and Health

Part-time option also
available. Contact
University Direct
0141 848 7044
uni-direct@uws.ac.uk

SCIENCE

Physics

PHYSICS IS AN EXCITING SUBJECT WHICH AIMS TO EXPLAIN NATURAL PHENOMENA FROM THE SMALLEST TO THE LARGEST OF SCALES, FROM NANOTECHNOLOGY TO THE UNIVERSE ITSELF. IT TAKES IN PRACTICE AND THEORY, SPECIALIST PURE RESEARCH AND APPLICATIONS IN THE SURROUNDINGS OF EVERYDAY LIFE.

As a discipline, physics is used in many areas of professional activity including engineering, health and biomedicine, the public services and utilities, environmental monitoring, education, and computing. Accredited by the Institute of Physics, the course teaches the fundamentals of physics as a core science and as such will help you develop the professional skills and expertise for a career in any area of physics, from industrial applications to academic research.

Working with friendly, supportive staff committed to high standards in teaching and research, you will also benefit from small to medium-sized classes and flexibility in choice of final degree title. You will study core topics in physics, along with other subjects you choose yourself to reflect your interests and career aspirations.

After first year, the maths you require is integrated into the physics teaching. During the first three years of the course, practical classes integrated into each module will enhance your familiarity with the principles and

techniques of experimental physics, which underpin the lectures that cover the theory.

During your Honours year you will undertake a project in one of our research groups. The Honours sandwich programme also offers you the benefit of a year's paid work experience with an industrial or scientific employer in the UK or abroad.

Students from the University have worked with a variety of leading organisations such as CERN, the nuclear and particle physics laboratory in Geneva; the UK's National Physical Laboratory in London; AWE in Aldermaston and QinetiQ, the largest scientific research organisation in Europe. UWS is one of eight Scottish universities that have come together to form a research alliance in Physics. The aim is to place Scotland at the forefront of research in physics through a co-ordinated approach and an agreed national strategy. The UWS physics team has three internationally acclaimed research groups and recent research into the field of nuclear

UCAS

F300 P BSc/Phy

Campus

Paisley

School

Engineering

Entry

Higher BBB including Maths and Physics, plus English @ S Grade. Applicants with Advanced Highers in Physics and Maths may be considered for direct entry into Year 2.

A Level CC, including Maths or Physics. Applicants with BCC at A Level, to include Physics and Maths may be considered for Year 2 entry.

Year 2 HNC in Physics, Applied Sciences or a related subject. Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry.

Year 3 HND in Physics, Applied Sciences or a related subject. Students with less than the minimum entry requirements should contact Dr Klaus Spohr (see contact details) for advice on routes into the physical sciences.

Duration

BSc 3 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Dr Klaus Spohr

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

Related Course(s)

Physics with Nuclear Technology, see page 192.

physics gained worldwide recognition. Similarly, UWS-led laser nuclear research has been recognised by the Institute of Physics (IoP) publishers.

COURSE CONTENT

YEAR 1

All students take core modules in physics and maths along with a choice of other subjects from a wide portfolio of science, engineering or computer related topics. The physics modules cover the SQA Advanced Higher syllabus and, in addition, aspects of atomic physics and thermodynamics are taught. In conjunction with this is an interesting laboratory programme using a wide range of equipment, carrying out experiments related to the module content.

YEAR 2

Students can develop their skills and knowledge in the core physics subjects but also branch out to other areas such as electronics, vibrations and waves, and mathematical modelling. Practical and professional skills are also developed during this year.

YEAR 3

In this year the course covers the core physics topics of electromagnetism, solid-state physics, atomic and nuclear physics, optics and relativity. There is a free option, allowing you to choose from other suitable disciplines.

(OPTIONAL) INDUSTRIAL PLACEMENT

This is an optional year spent in industry or a relevant scientific research laboratory.

YEAR 4 (HONOURS)

The subjects encountered in this year are more advanced developments of those undertaken in third year, with additional topics such as statistical physics, ultrasonics and nanotechnology. An important feature of this year is the project where skills and knowledge acquired during the course are applied to an original research problem. Project topics span the full range of physics and its applications.

CAREER PROSPECTS

There is always a strong demand for graduates in physics from technology-based industries in Scotland and elsewhere. These industries cover areas such as microelectronic telecommunications, optics and energy, a topic of hugely growing interest because of global warming. Physicists are also in demand in the public services including schools and hospitals, the civil service and research labs. Our physics graduates have gone on to work with major companies such as BAE Systems, CERN, Fujitsu, Logica, Motorola and Nikon Europe, as well as to further studies and jobs in universities.

PROFESSIONAL ACCREDITATION

Accredited by the Institute of Physics (IoP).

PROFESSIONALLY
ACCREDITED
Institute of
Physics

Part-time option also
available. Contact
University Direct
0141 848 7044
uni-direct@uws.ac.uk

SCIENCE

Physics with Nuclear Technology

PROCESSES AND METHODS WHICH INVOLVE THE DECAY OF THE ATOMIC NUCLEUS OR NUCLEAR REACTIONS CAN BE REFERRED TO AS “NUCLEAR TECHNOLOGY”.

Nuclear technology has wide and far-reaching applications in the world around us. For example medical imaging, environmental monitoring, radioactive dating, and nuclear-energy generation all require knowledge of nuclear technology. Indeed, there is presently a renaissance of interest in nuclear energy both in the UK and overseas. Nuclear technology is therefore presently in great demand by employers. Aspects of nuclear technology, such as nuclear physics and radiation detection, are also a prerequisite in carrying out fundamental research in nuclear and particle physics at large laboratories such as CERN.

At present this is the only programme of its type in Scotland. It is specifically designed for students with an interest in nuclear physics and its applications, and those who would like to be well positioned to cash in on the renewed world-wide interest in nuclear energy. In addition to core aspects of physics, over the duration of the programme you will study the following subjects:

- Nuclear structure and reactions
- High-energy particle physics
- The physics of nuclear reactors
- Nuclear medical imaging

- Applied nuclear physics
- Radiation detection and measurement
- Renewable energy and pollution
- Hot topics in nuclear-physics research

In order to reinforce your understanding of the course content, most of the lecture courses on our programme are complemented by practical work. In the practical classes you will also learn the general principles of experimental physics. In the final year of the Honours programme, you will have the opportunity to carry out project work in one of our research groups. We have a large and active research group in experimental nuclear physics at UWS. Teaching will thus be carried out by well-informed world-leading experts in the field of nuclear physics. Where possible, we will incorporate our research into the material taught on the programme. At UWS, you will also benefit from small class sizes, one-to-one tuition and small group tutorials.

COURSE CONTENT

In the first two years of the programme, you will study the core aspects of physics, covering largely the same content as the Physics programme, giving a solid foundation on which

UCAS

F390 P BSc/PWNT5

Campus

Paisley

School

Engineering

Entry

Higher BBB including Physics and Maths, plus English at Standard Grade. Applicants with Advanced Higher qualifications in Physics and Maths may be considered for direct entry into Year 2.

A Level CC in Physics and Maths. Applicants with BCC at A Level including Physics and Maths may be considered for direct entry into Year 2.

HNC applicants with HNC in Physics, Applied Sciences, or a related subject may be considered for direct entry into Year 2. Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry. HND applicants with HND in Physics, Applied Sciences, or a related subject may be considered for direct entry into Year 3. Students with less than the minimum entry requirements should contact Dr John F Smith for advice.

Duration

BSc 3 years

BSc Hons 4 years

BSc Hons (Sandwich) 5 years

Contact

Dr John F Smith

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

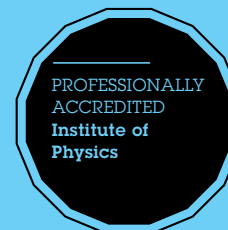
to build your nuclear expertise. In Years 3 and 4 you will take specialised courses covering different aspects of nuclear technology. In Year 3 you will study applied nuclear physics, nuclear imaging and the physics of nuclear reactors. In Year 4, you will study renewable energy, radiation detection and measurement, and research topics in nuclear physics. In Year 4 you will also carry out project work aligned to our nuclear-physics research group.

CAREER PROSPECTS

There is significant worldwide investment in the nuclear industry which means that job opportunities are plentiful. The combination of lecture courses and practical work will equip you with the knowledge and skills necessary to start a successful career in a nuclear related industry or research. Scientific, technical, and problem-solving skills acquired during a degree in physics can be put to use in many areas of industry and research. Consequently, there is always a strong demand for physics graduates. The nuclear technology part of your training will add an extra dimension to your employability, opening up extra avenues of employment in, for example, the nuclear-energy sector, and in nuclear medical imaging.

ACCREDITATION

The Physics programmes at UWS were accredited by the Institute of Physics in 2009.



SCIENCE

Psychology (BSc[^])

PSYCHOLOGY IS THE SCIENCE OF MIND AND BEHAVIOUR. THE PRINCIPAL AIM OF THIS PROFESSIONALLY ACCREDITED DEGREE IS TO ALLOW YOU TO DEVELOP A CRITICAL UNDERSTANDING OF THE METHODS AND APPROACHES WITHIN THIS DISCIPLINE. THROUGHOUT THE PROGRAMME OF STUDY, YOU WILL DEVELOP A RANGE OF GENERIC, TRANSFERABLE SKILLS VALUED BY TODAY'S EMPLOYERS, INCLUDING I.T., NUMERACY, GROUP WORK, COMMUNICATION AND PROBLEM-SOLVING.

This UWS programme places psychology within a wider context, giving you the opportunity to study this fascinating subject along with biology, chemistry, maths and physics.

The focus at UWS is applying your understanding of psychology to real-life issues. You will further benefit from the experience of our staff, who are working at the cutting-edge of social science research, in areas such as social communication and education.

Initially, the course offers a broad overview, providing the opportunity to gain an understanding of a range of outlooks and methods within science and psychology, emphasising their interdependency. During the 2nd year, you will go on to develop a deeper awareness of psychology along with appropriate methods and methodology. In Year 3 emphasis is placed on developing an understanding and awareness of core psychology areas

including: social and developmental psychology, biological psychology and cognition. Your critical and analytical skills will be further developed. During 4th year, in addition to studying modules such as individual differences, you will address issues about psychological theory and have the opportunity to undertake an in-depth study of a subject of your choice for your dissertation.

Guest speakers, such as clinical psychologists, come to talk to students and to share their experiences and knowledge of working within the profession.

COURSE CONTENT

YEAR 1

You will study one module in psychology as well as science modules which cover areas such as biology, chemistry, maths and physics. The psychology module will introduce you to ideas about psychological research, individual differences, learning and cognitive

UCAS

C800 P BSc/Ps

Campus

Paisley

School

Science/Social Sciences

Entry

Higher BBC/BCCC including English and a science subject, plus S Grade Maths.

A Level CC, including English and a science subject, plus GCSE English and Maths.

Year 2 Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry. Contact Admissions Officer for details.

Duration

BSc 3 years

BSc Hons 4 years

Contact

Dr Richard Thacker

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

processes. Modules will also be selected which develop skills in computing, word processing and presentation.

YEAR 2

Studies in psychology will be further advanced through the study of the following modules: introduction to social science methods, social cognition and understanding development. You will also study science modules of your choice determined by the previous year of study.

YEAR 3

Further study of topics in psychology such as child development, social psychology, biological psychology and cognitive psychology will be covered. You will also have the option of selecting a specialist module covering either psychology or science options.

YEAR 4 (HONOURS)

Core studies in psychology will cover individual differences and psychological theory. You will also be able to choose two specialist modules from a range of topics, including forensic and criminal psychology, education and psychology, clinical psychology, health psychology and organisational psychology. All students undertake an in-depth dissertation on a specialised topic of their choosing.

CAREER PROSPECTS

Psychologists find employment in a broad range of areas such as marketing, management, the media, teaching,

academic research and industry. Graduates have also found employment in the civil service, human resources, the police force, and with a range of non-government organisations. As a graduate of psychology with a scientific background you will also be well-qualified to pursue a career in research-based activities within industry, health and public services. Your degree will also allow you to continue your studies with a postgraduate course allowing you to enter the professions of clinical, educational, forensic or occupational psychology.

PROFESSIONAL EXEMPTIONS

The BSc Hons Psychology is recognised by the British Psychological Society as conferring eligibility for Graduate Membership and the status of Graduate Basis for Chartership (GBC), provided a minimum of second class Honours is achieved. This is the first step towards becoming a Chartered Psychologist.



*BSc Hons Psychology

^NB The Psychology content of the BA (page 206) and BSc programme is identical: the appropriate programme depends on students' academic background and the other subjects they wish to study.

SCIENCE

General Science (BSc)

THIS ADVANCED ENTRY SCIENCE DEGREE IS AN INTERDISCIPLINARY PROGRAMME, OFFERING APPLICANTS AN ALTERNATIVE TO A SINGLE SUBJECT DEGREE. IT IS AVAILABLE TO STUDENTS WHO HAVE ALREADY COMPLETED 2 OR 3 YEARS OF FE/HE STUDY. A VARIETY OF INTERESTING SUBJECT COMBINATIONS IS AVAILABLE, ENABLING YOU TO GAIN A WIDE RANGE OF SCIENTIFIC SKILLS AND A BREADTH OF EXPERIENCE THAT WILL BE OF VALUE IN YOUR FUTURE CAREER.

The overall programme for each student is subject to discussion with, and approval of, University staff in order to ensure that your interests are coherently addressed. Progression onto this course is also possible for direct entrants from colleges and for students studying other science programmes at the University who do not wish to specialise.

FLEXIBILITY

A wide range of science subjects is available for students in Years 3 and 4 (Honours year), allowing you to study new subjects or to further your studies in the science subjects you found interesting at college. Typically, students select from subjects in applied bioscience, chemistry, forensic science, maths, and physics. The interlinked structure of the University's Science degree allows you to determine your route through your studies, in line with your career interests and aspirations. Students can access all science facilities on campus as

appropriate to subject choice, including forensic investigation laboratories, a containment level 2 microbiology laboratory, and instrumental chemical analysis laboratory (ICP spectroscopy, FTIR microscopy, particle size analysis, atomic absorption spectroscopy).

CAREER PROSPECTS

Graduates often seek employment in areas where a scientific and/or analytical approach to problem solving is required. It is designed to meet the needs of employers looking for a scientifically trained mind.

UCAS

CFG0 P BSc/GS

Campus

Paisley

School

Science

Entry

Year 3 a relevant science-based Dip HE or HND.

Year 4 a relevant science-based BSc (ordinary) degree.

Duration

BSc 1 year

BSc Hons 2 years

Contact

Dr Des Nicholl

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

SCIENCE

Science (CertHE)

A ONE-YEAR COURSE IN SCIENCE, WHICH LEADS TO THE AWARD OF CERTIFICATE OF HIGHER EDUCATION IN SCIENCE (CertHE), IS OFFERED AT THE UNIVERSITY.

This qualification is suitable for students who have non-standard entry requirements (e.g. two science Highers and/or relevant work experience) or who only wish to study two of the main science subjects offered. A good performance can lead to admission to Year 2 of an appropriate UWS degree within Science. Full-time applications to this course should be made through UCAS.

UCAS

FJ00 P CerHE/Sci

Campus

Paisley*

Entry

Higher Grades CC @ Higher, one of which should be in a Science subject. In addition to this, normally, Biology, Chemistry, English and Mathematics at least at Standard Grade.

Duration

CertHE 1 year full-time; variable duration part-time

Contact

Dr Richard Thacker

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

*This UWS programme is also offered at Stow College under our partnership agreement. (UCAS: FJ00 S CerHE/Sci)

SOCIAL SCIENCES

THE SOCIAL SCIENCES
EXAMINE THE WORLD
WE LIVE IN - FROM
THE WAY PEOPLE
THINK AND BEHAVE
TO THE POLITICAL
PROCESSES BY
WHICH COLLECTIVE
DECISIONS THAT
SHAPE OUR SOCIETY
ARE MADE.



SOCIAL SCIENCES

FLEXIBILITY

Our degrees offer flexible study opportunities. In addition to single subject degrees in Psychology, Sociology, Criminal Justice and Social Work, there are opportunities for joint degree combinations, for example Politics and Sociology. For more information see individual course entries. It is also possible for Social Work students to transfer to a Social Sciences degree during their course.

ADVANCED ENTRY

Social Sciences programme:

Applicants with an HND in Social Sciences will normally be accepted for entry to Year 2 of the programme, although Year 3 entry will be considered based on subjects taken and academic performance. Applicants with an HNC in Social Sciences normally be considered for entry to Year 1, although entry to Year 2 may also be possible. Applicants with the University's CertHE Social Studies can enter into Year 2 of the BA programme.

Social Work programme:

Entry is normally only to Year 1, but advanced entry may be possible if an applicant has completed the same or equivalent modules as the ones for which he or she is seeking exemption and also meets the other entry requirements.

Criminal Justice programme:

Applicants with an HNC/HND in Legal Studies will be considered for entry to Year 2 of the programme depending on subjects taken and academic performance. Applicants with the University's Cert HE Social Studies can enter into Year 2 of the programme (provided they have passed the Scottish Criminal Justice option).

PROFESSIONAL RECOGNITION

The single subject Psychology Honours Degree is accredited by the British Psychological Society (BPS) which enables graduates to move on to careers and to further study that requires a professional qualification in psychology. A postgraduate qualification enables students to pursue a career as, for example, a clinical, educational or forensic psychologist. The Social Work degree gives graduates the recognised qualification, approved by the Scottish Social Services Council, for employment as a professional social worker anywhere in the United Kingdom.

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Subject Admissions

Officers

Social Sciences

Darryl Gunson
Linda Mackay
Deborah Nicholson

Criminal Justice

Geraldine O'Donnell

Social Work

Anne Ritchie

Contact

0141 848 7044
(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

APPLIED RESEARCH

Staff undertake applied research on a wide range of topics, and a research institute has been established as a focus for work in a number of policy-relevant areas. Areas of particular interest include child employment, social exclusion, migration and identity and health issues including the social and behavioural aspects of drug use.

Staff research informs the teaching programmes both through specialist modules and project and practical work. To find out more about our Social Sciences provision visit www.uws.ac.uk

STUDENT SUCCESS

UWS graduate Stacey Thomson was named Student Social Worker of the Year 2008 by the British Association of Social Workers in Scotland. Stacey gained the award for her outstanding work while on placement with an adult mental health team at Ailsa Hospital in Ayr.

"I'd started out studying journalism but realised my main interest was in politics, so I decided to enrol at UWS. The class sizes at the University, especially in the social sciences seminars, mean that you get to know people and feel comfortable in the groups."

Ciaran O'Grady

Social Sciences student

SOCIAL SCIENCES with programme options in Politics, Psychology,[†] Social Policy,* Sociology

GET A SOLID GROUNDING IN THE SOCIAL SCIENCES, WITH THE OPPORTUNITY TO SPECIALISE IN AN AREA OF YOUR CHOICE FROM YEAR 2 ONWARDS – A GREAT OPTION WITH A MYRIAD OF CAREER PATHWAYS.

Students follow a common foundation programme in Year 1, taking a range of social sciences including Psychology; Sociology; Politics; Economics; Social Policy (at Paisley Campus); and Social History (at Hamilton Campus). Students have the opportunity to engage in critical reflection through the preparation of a Personal Development Plan in the first and subsequent years of study. During the programme it is possible for students to spend a trimester on student exchange; recently, students have studied in Romania and Denmark.

In Year 2, students take three subjects chosen from Psychology, Sociology, Politics, Social Policy (Paisley Campus only), History (Hamilton Campus only) and Economics, in trimester 1. In trimester 2 they continue with two of these subjects, together with Social Science Methods. In Years 3 and 4 both Psychology and Sociology can be taken as Single subject degrees at Paisley Campus. Students can also study for Joint subject degrees, combining any two of the Year 2 subjects (excluding Economics and History) at either Paisley Campus or Hamilton Campus (Politics and Social

Policy can only be studied as part of a Joint degree). The table opposite details the Single subject and Joint degree programmes which are available.

UCAS APPLICATIONS

Apply for the Social Sciences programme using the following codes – L310 P BA/SS (for study at Paisley Campus) or L310 H BA/SS (for study at Hamilton Campus). Students follow a common foundation in Year 1, and from Year 2 select specific subject areas from Politics, Psychology, Social Policy, or Sociology, which continue to be studied in Years 3 and 4. More information about each of these subjects is given from pages 204–210.

UCAS

Hamilton

L310 H BA/SS

Paisley

L310 P BA/SS

Campus

Hamilton, Paisley

School

Social Sciences

Entry

Higher BBC (one of which should normally be English), plus Maths @ S Grade. A-Level CD, plus GCSE English and Maths. HNC in a relevant subject (including Social Sciences and Social Care).

Year 2 HND in Social Sciences; CertHE in Social Studies. (Entry possible with an HNC Social Sciences, Grade B or above).

Year 3 Exceptionally HND in Social Sciences.

Duration

BA 3 years

BA Hons 4 years

Contact

Hugh Maguinness

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

***NB** The Psychology content of the BA and BSc programme (see page 194) is identical: the appropriate programme depends upon students' academic background and the other subjects they wish to study.

*Social Policy is offered at Paisley Campus only

Subject(s) Studied	Psychology [†]				
Psychology [†]	Single subject degree	Sociology [†]			
Sociology [†]	Joint degree	Single subject degree	Politics		
Politics	Joint degree	Joint degree	n/a	Social Policy*	
Social Policy*	Joint degree	Joint degree	Joint degree	n/a	

[†] Psychology and Sociology single subject degrees are offered at Paisley Campus only.

* Social Policy is offered at Paisley Campus only.

SOCIAL SCIENCES

Politics

UNDERSTAND MORE ABOUT THE WORLD WE LIVE IN AND THE DECISIONS THAT SHAPE IT. THE TRULY FASCINATING SUBJECT OF POLITICS TOUCHES EVERY AREA OF OUR LIVES – FROM THE AMOUNT OF TAX WE PAY TO THE HEALTH SERVICE WE RECEIVE.

Politics examines the values and processes that underpin the way countries govern themselves. The programme deals with the British political system, comparisons with the United States, Asia, Europe, the Middle East and South America; the politics of the European Union; and with Scottish politics after devolution. Politics is only available as part of a Joint degree. International politics and political theory are also an integral part of the programme.

COURSE CONTENT

YEAR 1 (FOUNDATION PROGRAMME)

Psychology is concerned with explaining human behaviour, both individual and collective, and applying that understanding in a range of settings. Sociology focuses on the social structure of modern Britain, introducing sociological theories and concepts in relation to particular institutional areas. Politics provides an introduction to contrasting ideas about the aims and goals of political organisations and an overview of modern British political institutions.

Social Policy provides an historical and developmental overview of British welfare policy from the poor law to the present day. Social History provides a background to the social sciences by looking at the forces which have shaped contemporary society. Students are also introduced to the use of information technology in social science and begin to acquire the skills necessary to become critical and reflective learners through the 'Reflections on the Social Sciences' module.

YEAR 2

Students select the subjects they wish to continue with in Years 3 and 4 and cover research methods used in the social sciences, including research design and data analysis.

YEAR 3

As well as a module in research methods, students select from topics such as Scottish and American politics, political ideologies and comparative politics. The curriculum can vary slightly during Years 3 and 4 to reflect the individual expertise of staff at the different campuses. The research specialism of the politics staff include

UCAS

Apply using the appropriate Social Sciences code:

Hamilton

L310 H BA/SS

Paisley

L310 P BA/SS

Campus

Hamilton, Paisley

School

Social Sciences

Entry

Higher BBC (one of which should normally be English), plus Maths @ S Grade.

A-Level CD, plus GCSE English and Maths. HNC in a relevant subject (including Social Sciences and Social Care).

Year 2 HND in Social Sciences; CertHE in Social Studies; exceptionally HNC in Social Sciences.

Year 3 Exceptionally HND in Social Sciences.

Contact

Duncan Sim

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

Political Theory, Political Ideologies, British Politics, Scottish Politics, The European Union, Comparative Politics, US Politics, International Relations, Discourse Theory and Democratic Theory and Practice.

YEAR 4 (HONOURS)

Students select from modules in specific aspects of the discipline, including democracy, nationalism, and East European politics. They also complete a dissertation on a particular aspect of politics of their own choosing.

CAREER PROSPECTS

This degree provides transferable skills appropriate to a wide range of employment. It will prepare students for work in the public, private and voluntary sectors in managerial, planning and policy analysis positions, and in teaching primary and secondary education. Graduates have secured employment with MPs/MSPs and within political parties. Others have gone on to further study with PhD research.

SOCIAL SCIENCES Psychology^o

STUDY THE HUMAN MIND AND BEHAVIOUR IN THIS PROFESSIONALLY ACCREDITED COURSE – YOUR FIRST STEP TOWARDS BECOMING A CHARTERED PSYCHOLOGIST.

Psychology develops students' understanding of individual and small group behaviour. The course studies findings, theories and methods in psychology and social psychology with particular reference to how they apply to everyday life. Students will also gain a range of additional skills such as data gathering, report writing and computing. Psychology is available as a Single subject degree at Paisley Campus and as a Joint degree at both Paisley Campus and Hamilton Campus – see pages 202 – 203.

COURSE CONTENT

The programme offers a degree of flexibility with students having the choice to study specialist elective modules. These are wide ranging in subject area and cover topics such as adolescent employment, dyslexia, obesity, exercise engagement, autism, online and video game playing, online social networking and environmental psychology. Many modules are built around the specialism and expertise of staff.

Students will have access to specialist facilities for some modules, for example, counselling psychology students can use a professional quality video suite and for sports

psychology, access is available to the sports science lab.

YEAR 1 (FOUNDATION PROGRAMME)

In Year 1 and 2 you will study Psychology alongside a number of other key areas in the Social Sciences. Psychology is concerned with explaining human behaviour, both individual and collective, and applying that understanding in a range of settings. Sociology focuses on the social structure of modern Britain, introducing sociological theories and concepts in relation to particular institutional areas. Politics provides an introduction to contrasting ideas about the aims and goals of political organisations and an overview of modern British political institutions.

Social Policy provides an historical and developmental overview of British welfare policy from the poor law to the present day. Social History provides a background to the social sciences by looking at the forces which have shaped contemporary society. Students are also introduced to the use of information technology in social science and begin to acquire the skills necessary to become critical and reflective learners through the 'Reflections on the Social Sciences' module.

UCAS

Apply using the appropriate Social Sciences code:

Hamilton

L310 H BA/SS

Paisley

L310 P BA/SS

Campus

Hamilton, Paisley

School

Social Sciences

Entry

Higher BBC (one of which should normally be English), plus Maths @ S Grade.

A-Level CD, plus GCSE English and Maths. HNC in a relevant subject (including Social Sciences and Social Care).

Year 2 HND in Social Sciences; CertHE in Social Studies; exceptionally HNC in Social Sciences.

Year 3 Exceptionally HND in Social Sciences.

Contact

Jim McKechnie

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

***NB** The Psychology content of the BA and BSc programme (page 194) is identical: the appropriate programme depends upon students' academic background and the other subjects they wish to study.

YEAR 2

Students select the subjects they wish to continue with in Years 3 and 4 and cover research methods used in the social sciences, including research design and data analysis.

YEAR 3

There is further study of core areas of the discipline including developmental, social, biological and cognitive psychology. Students also have the opportunity to choose a specialist area of study in an applied area of psychology. In addition, students study the methods of investigation, data gathering and data analysis used in psychology.

YEAR 4 (HONOURS)

In the final year, core modules cover the study of personality and individual differences, and theory in psychology. There is also opportunity to choose further topics in applied psychology (including health psychology, counselling, forensic psychology, cross-cultural psychology and organisational psychology). Students also complete a dissertation on a particular aspect of psychology.

CAREER PROSPECTS

A careers event is held annually offering students the chance to network with relevant organisations. Psychology offers preparation for a professional career and for postgraduate training in clinical, educational, forensic and occupational psychology.

Some graduates choose to go on to study for a PhD. Some psychology graduates use their degree as a route into employment in personnel, marketing, public relations or the civil service.

PROFESSIONAL EXEMPTIONS

The Single subject BA Hons Psychology degree with at least second-class Honours is recognised by the British Psychological Society as conferring eligibility for Graduate Basis for Chartership (GBC), which is the first step towards becoming a Chartered Psychologist.



SOCIAL SCIENCES

Social Policy

SOCIAL POLICY IS CONCERNED WITH THE WAYS IN WHICH DIFFERENT SOCIETIES CONCEIVE OF, ORGANISE, PAY FOR AND DELIVER WELFARE BENEFITS AND SERVICES TO A WHOLE RANGE OF GROUPS AND INDIVIDUALS.

It involves the study of how social issues and problems are defined and responded to by policy makers and the impact of public policies on citizenship, inequality, social justice and the distribution of resources within society. As a contested terrain, social policy draws on the academic and research literature in order to engage with public debates about rights, entitlements and responsibilities.

COURSE CONTENT

YEAR 1

(FOUNDATION PROGRAMME)

In the first year, Social Policy sits within the general social sciences Foundation Programme alongside the introductory modules on Politics, Sociology, Psychology, Economics and becoming a critical, reflective learner (Reflections). The first year module, Development of Social Policy, explores the changing shape and priorities of British social welfare policy in historical perspective. It charts the emergence of citizenship and the development of social rights to welfare with reference to social inequality and the social divisions of class, race, ethnicity and gender. A key concern is to explore the ways through which these major social divisions of British society impact

on and structure the organisation and shape of welfare interventions. The module seeks to foreground the concepts of the family, motherhood, nation and empire, race, class and citizenship in order to address important questions about who gets included, who gets excluded and, crucially, why.

YEAR 2

Second year Social Policy students will take Social Policy and Social Change. This module explores the ways through which social change impacts on and structures the organisation of social welfare. In doing so it analyses the changing shape and priorities of social welfare in Britain by looking at the reconstruction of the welfare system from the 1970s to the present day and drawing on contemporary periods of governance by Conservative, New Labour and Coalition administrations. The module ends by looking at the question of how welfare might be restructured in the future.

Students choosing to pursue Social Policy into Year 3 will also take Theories of Welfare. This module examines the principles, concepts and theories underpinning different models of welfare provision and engage with key

UCAS

Apply using the appropriate Social Sciences code: L310 P BA/SS

Campus

Social Policy is offered at Paisley Campus only and can only be studied as part of a Joint degree title.

School

Social Sciences

Entry

Higher BBC (one of which should normally be English), plus Maths @ S Grade.

A-Level CD, plus GCSE English and Maths. HNC in a relevant subject (including Social Sciences and Social Care).

Year 2 HND in Social Sciences; CertHE in Social Studies; exceptionally HNC in Social Sciences.

Year 3 Exceptionally HND in Social Sciences.

Contact

Lynne Poole
0141 848 7044
 (44 141 848 7044 outwith UK)
 uni-direct@uws.ac.uk

debates about how welfare services and benefits could and should be organised in the modern world.

All Social Science students, including those choosing Social Policy, are required to study Social Science Research Methods.

YEAR 3

Third year Social Policy students take Social Issues and Policy Responses in the first trimester. Here students engage with a problem-solving approach to contemporary social issues by focusing on dominant constructions and discourses and exploring the links between the different explanations of social issues or problems and the policy responses of governments. Recognising the debates around particular issues, students are encouraged to critically assess government policy responses and consider alternative approaches to contemporary 'problems' in society as well as the various factors that influence policy-making. The issues that are explored varies from year to year but may include: asylum and immigration policy; homelessness and begging; young people and anti-social behaviour; poverty and wealth; work incentives and welfare entitlement; public service reform and the role of the private sector; and incapacity and ability to work.

There is also an opportunity to study additional elective modules including: Criminal Justice Policy, Community Care Policy, Housing Policy

and Scottish Society.

Students expecting to specialise in Social Policy and complete a dissertation in the subject at Honours level will also take a Methodology and Methods (Social Policy) module. This module aims to support students in understanding and critically evaluating published research and equip them with the knowledge and skills necessary to enable them to carry out their own independent social policy research.

YEAR 4 (HONOURS)

In their final year students complete a Dissertation on a particular aspect of a Social Policy, supported by their individual subject supervisor. They also choose from additional elective modules including: Comparative Social Policy, Family Life and Social Welfare, Health Care Policy and Welfare, Work and Pensions.

CAREER PROSPECTS

Graduates are equipped for employment in a wide range of occupations in the public, voluntary and private welfare sectors and as social researchers, as well as for further professional training in social work, teaching, careers guidance and public service management.

SOCIAL SCIENCES

Sociology

GET TO GRIPS WITH THE DIVERSE FORCES THAT SHAPE OUR SOCIETY. THIS DEGREE OFFERS YOU THE OPPORTUNITY TO STUDY SUBJECTS SUCH AS FAMILY, GENDER, CRIME, ETHNICITY AND HEALTH – IMPORTANT ISSUES WHICH IMPACT ON THE WORLD IN WHICH WE LIVE TODAY.

Sociology is concerned with analysing the nature of modern society. It focuses on issues such as the sources of inequality and how inequality affects our lives, and the changing roles of men and women in the workplace and the family. The course goes on to an examination of national identity in an increasingly globalised world. Students analyse these issues using a range of qualitative and quantitative research methods.

COURSE CONTENT

YEAR 1

(FOUNDATION PROGRAMME)

Psychology is concerned with explaining human behaviour, both individual and collective, and applying that understanding in a range of settings. Sociology focuses on the social structure of modern Britain, introducing sociological theories and concepts in relation to particular institutional areas. Politics provides an introduction to contrasting ideas about the aims and goals of political organisations and an overview of modern British political institutions.

Social Policy provides an historical and developmental overview of British welfare policy from the poor law to the

present day. Social History provides a background to the social sciences by looking at the forces which have shaped contemporary society. Students are also introduced to the use of information technology in social science and begin to acquire the skills necessary to become critical and reflective learners through the 'Reflections on the Social Sciences' module.

YEAR 2

Students select the subjects they wish to continue with in Years 3 and 4 and cover research methods used in the social sciences, including research design and data analysis.

YEAR 3

Sociology offers modules in a wide range of areas such as the family, gender, crime in society, Scottish society, health, ethnicity, and industrial relations. Students also study sociological research methods.

YEAR 4 (HONOURS)

Students study social theory and further modules in specific aspects of sociology, such as class and culture migration and social welfare. Students also complete a dissertation on a particular aspect of sociology.

UCAS

Apply using the appropriate Social Sciences code:

Hamilton

L310 H BA/SS

Paisley

L310 P BA/SS

Campus

Hamilton*, Paisley
(*Joint degree only)

School

Social Sciences

Entry

Higher BBC (one of which should normally be English), plus Maths @ 5 Grade.

A-Level CD, plus GCSE English and Maths. HNC in a relevant subject (including Social Sciences and Social Care).

Year 2 HND in Social Sciences; CertHE in Social Studies; exceptionally HNC in Social Sciences.

Year 3 Exceptionally HND in Social Sciences.

Contact

Duncan Sim

0141 848 7044

(44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk

NB Sociology is available as a Single subject degree at Paisley Campus and as a Joint degree at both Paisley Campus and Hamilton Campus.

CAREER PROSPECTS

Sociology graduates are equipped for employment or further professional training in the social services, public and private sector management, the careers and employment services, central and local government, and Modern Studies teaching.

CertHE

Social Studies

GAIN ENTRY TO DEGREE-LEVEL STUDY WITH THIS INTRODUCTION TO A WIDE RANGE OF SUBJECTS, INCLUDING PSYCHOLOGY, SOCIOLOGY AND CRIMINAL JUSTICE.

This one-year course is popular with adult returners and is designed to provide access to degree-level education, as well as employment, by developing the skills and knowledge appropriate to gain an understanding of individuals, society and institutions. Transferable personal skills are developed in areas such as communication and reflective practice.

COURSE CONTENT

Core modules are Reflections in Social Sciences, Psychology and Sociology. There is also a range of options, including Political Participation, Social History and Introduction to Scottish Criminal Justice, from which students choose three modules.

CAREER PROSPECTS

Employment opportunities exist in the fields of administration, local government, the police service, civil service and health service, as well as social care, and community education. Many students progress to a degree programme with great success and some will continue to postgraduate level.

PROGRESSION

Successful students can move into Year 2 of the BA Social Sciences programme or (provided they have passed the Scottish Criminal Justice option) the BA Criminal Justice programme.

UCAS

L301 H CertHE/SS

Campus

Hamilton

School

Social Sciences

Entry

Higher C (if not English, either another language-based subject or Intermediate 2 English or National Certificate Communication 4).

A-Level E plus GCSE English. Scottish Vocational Qualification Level 3 in a relevant discipline. Mature students (over 21) with relevant experience will also be considered.

Duration

CertHE 1 year

Contact

Fiona Veitch

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SOCIAL SCIENCES

Social Work

SOCIAL WORKERS PLAY A CRUCIAL ROLE IN IMPROVING PEOPLE'S LIVES – THIS FOUR YEAR PROFESSIONALLY RECOGNISED PROGRAMME WILL GIVE YOU THE PRACTICAL SKILLS AND KNOWLEDGE TO OPERATE IN THIS DYNAMIC AND CHALLENGING FIELD.

The University has offered professional social work education combined with an Honours degree for over three decades. The Social Work programme has been drafted in collaboration with employers and service users and combines academic and professional qualifications for entry into a rewarding and demanding career. The programme meets the requirements of the Scottish Government and has been approved by the Scottish Social Services Council.

Applicants who meet, or are working towards, the academic entry requirements will be interviewed by University lecturers and practising social workers to confirm their readiness for social work education in terms of experience and interpersonal skills.

The qualification promotes professional development in relation to knowledge and understanding, skills and abilities, and ethical and personal commitment. In Year 1, as well as sociology, psychology and social policy, students begin the study of social work and also complete an observational practice learning experience. Practice learning is an integral part of each year of study and offers students the opportunity to apply their academic

learning in varied practice settings. Individual tutorials continue throughout the course, providing the necessary support as you move towards qualification. All lecturers are registered social workers with expertise across all areas of social work practice. During the programme guests are invited to present to students, normally from a wide range of social work, social care and health professions covering subjects such as children and families, community care and criminal justice.

The University is committed to providing social work education for mature students and those with caring commitments. We welcome applications from a wide range of people, including individuals from black and minority ethnic communities and people with disabilities.

COURSE CONTENT

YEAR 1

Year 1 includes sociology, psychology and social policy modules, and social work modules introducing ideas about the nature of social work, and discrimination and disadvantage. Students also undertake ten days in-practice learning.

UCAS

Dumfries

L500 D BA/SW

Paisley

L500 P BA/SW

Campus

Dumfries, Paisley

School

Social Sciences

Entry

Higher BBBC plus English and Maths @ S Grade (at 1 or 2) or equivalent.

A-Level CCD, plus GCSE English and Maths.

Mature entrants normally HNC in a relevant subject (especially Social Care or Social Sciences) with at least a B in the Graded Unit of the HNC Social Care plus English and Maths @ S Grade (at 1 or 2) or equivalent.

Years 2 and 3 Exceptionally, entry may be possible if an applicant has completed the same or equivalent modules as the ones for which he or she is seeking exemption.

Duration

BA Hons 4 years

Contact

Anne Ritchie

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NB Early application for this programme is advisable.

YEAR 2

Year 2 includes lifespan development and issues in family life as well as introduction to social work practice and a module in communication skills. Students also complete twenty days in-practice learning.

YEAR 3

Year 3 includes modules dealing with reflective social work practice, social work law and disadvantage. An eighty day period of assessed practice learning is completed.

YEAR 4 (HONOURS)

Year 4 provides for students' continuing development as professional workers through modules in critical social work practice and working in organisations. Students also complete a social work dissertation and undertake ninety days assessed practice learning.

PROTECTING VULNERABLE GROUPS SCHEME (PVG SCHEME)

Applicants may be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme), managed and delivered by Disclosure Scotland. For more information on the PVG Scheme please refer to www.scotland.gov.uk/Topics/People/Young-People/children-families/pvglegislation

PROFESSIONAL PLACEMENT

Each student will undertake a total of two hundred days practice learning in both traditional and innovative settings. Many opportunities involve

inter-professional learning. Assessed practice in years three and four will be supervised by qualified practice teachers. Placements are varied and wide ranging from social work area teams, prisons, children's units or residential schools, hospitals, hospices, addiction teams, women's support and women's aid, community mental health teams etc.

CAREER PROSPECTS

The University's social work graduates have an excellent reputation with employers. Professionally qualified social work graduates find employment in local authority social services; the voluntary or independent sectors; in health or education. They may work in a variety of settings providing services in relation to children and families, community care or criminal justice. Some graduates progress into management roles and others will diversify into lecturing.

PROFESSIONAL RECOGNITION

The programme meets the requirements of the Scottish Government and has been approved by the Scottish Social Services Council (SSSC).

"Winning this award has given me reassurance and confidence in my ability to work with service users effectively and in an individual, person-centred manner. During my placement I learned a great deal about myself as an individual and as a social worker. I'm still developing in my role, but this award has given me the belief that I am heading in the right direction."

Stacey Thomson

Student Social Worker of the Year 2008



SOCIAL SCIENCES

Criminal Justice

THE WAY SOCIETY AND GOVERNMENTS DEAL WITH CRIME IS AN INCREASINGLY HIGH-PROFILE ISSUE.

Criminal Justice involves the study of concepts, structures, organisations and processes involved with the prevention, investigation and prosecution of crime, the workings of the criminal law and criminal court system and the treatment of offenders within society. This degree is unique to UWS, there are currently no similar courses at undergraduate level offered by any other UK university. The Criminal Justice degree should not be confused with criminology; it offers a wide range of modules relevant to the Scottish Criminal Justice system, of which criminology is just one.

During the programme it is possible for students to take part in a two week exchange programme with Washburn University in Kansas or University of the West of Florida.

COURSE CONTENT

YEAR 1

Students gain a grounding in the nature of criminal justice and an appreciation of the interdisciplinary nature of the subject area. Modules include introduction to Scottish criminal justice and criminal law, psychology, sociology, and the history of crime and justice.

YEAR 2

The focus on relevant theoretical disciplines continues, together with applied approaches, which are

underpinned by consideration of the role of research. Subjects covered include the behavioural aspects and politics of criminal justice, criminology, and research methods.

YEAR 3

Four core modules are designed to allow students to enhance their understanding and analytical skills while the emphasis is on a more applied and critical approach to issues in criminal justice. These modules include criminal justice research, youth justice, and an investigative study. There are also options in the economics of crime and justice, introduction to forensic science, penology and policing.

YEAR 4

The core modules are designed to deepen students' evaluative and critical skills, as well as their ability to conduct research through a dissertation. Community safety and crime prevention, comparative criminal justice, and security in a global age; are covered; and there are options in human rights law and victimology.

CAREER PROSPECTS

Degrees in Criminal Justice lead to employment opportunities in the police and prison services, as well as the Criminal Courts Administration and the Fiscal Service. Community justice

UCAS

M211 H BA/CJ

Campus

Hamilton

School

Social Sciences

Entry

Higher BBC (one of which should normally be English), plus Maths @ S Grade.

A-Level CD, plus GCSE English and Maths.

HNC in a relevant subject (including Legal Studies).

Year 2 Exceptionally HND in Legal Studies.

Duration

BA 3 years

BA Hons 4 years

Contact

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provides opportunities to work in sectors related to restorative justice and mediation, community safety and working with offenders, victims and witnesses. The private security industry has a demand for managers with a knowledge of the criminal justice system.

SPORT

GET AHEAD IN
THE EXCITING
AND EXPANDING
SPORT AND
LEISURE INDUSTRY.

SPORT

OUR SPORTS COURSES ARE TAUGHT BY SPECIALIST STAFF AND THERE HAS BEEN LARGE INVESTMENT IN EQUIPMENT FOR TEACHING AND RESEARCH.

Sport teaching facilities include a sport science laboratory on the Hamilton Campus with technology that allows technique and tactics to be analysed with measurement tools that include:

- blood testing equipment
- treadmills and ergometers
- performance analysis software
- portable lactate and VO2max testing equipment
- GPS systems

All of which enables and facilitates athlete testing and performance measurement.

Students also enjoy access to resources across the campuses including sports halls; conditioning gymnasiums; fitness suites; floodlit, third-generation all weather pitches; full-sized turf pitches; and training areas.

A SPORTING CAREER

Employment prospects for sports graduates are reflected by a growing number of possible career pathways including:

- Physical education teacher
- Armed Forces
- Emergency services (police & fire)
- Sports development officer
- Professional sports coaches, trainers and administrators
- Personal trainer
- Leisure facility and recreational facility manager and supervisor
- Exercise and health development officer
- Active schools coordinator
- Health promotion officer
- Lifestyle officer
- Strength and conditioning coach
- Postgraduate researcher
- Sport performance analyst
- Sports and exercise scientist

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"It's important for me to have a career not just a job and I plan to use my degree and my experience to get into primary teaching. At UWS we get a lot of support and advice as students. I'd also recommend our library which is great; well stocked with course literature and staff are really helpful."

Darren Cross

Sport Development student



SPORT

Sport and Exercise Science

DURING THIS PROGRAMME YOU WILL GAIN THE UNDERPINNING KNOWLEDGE AND SKILLS IN A VARIETY OF FIELDS THAT ARE ESSENTIAL TO SPORT AND EXERCISE SCIENTISTS. THE COURSE HAS BEEN DESIGNED TO MEET THE BRITISH ASSOCIATION OF SPORT AND EXERCISE SCIENTISTS (BASES) RECOMMENDATIONS. BASES IS THE RECOGNISED UK PROFESSIONAL BODY FOR THOSE WORKING IN SPORT AND EXERCISE. UWS IS THE ONLY UNIVERSITY IN THE WEST OF SCOTLAND CURRENTLY OFFERING THIS PROGRAMME.

The course focuses on the application of scientific principles to the study of human responses and adaptations to sport participation, training and sports performance. You will study human physiology, psychology and biomechanics as major disciplines. Other key subjects covered will include physical activity and health, strength and conditioning, and exercise in chronic disease. In addition, optional pathways will be offered to supplement the core disciplines, in coaching, health and nutrition and microbiology. These subject areas are all pertinent to the sport and exercise graduate. Students will gain up-to-date practical and professional skills underpinned by academic theory, current best practice and national and international agendas in sport and exercise science.

We aim to produce graduates with skills that will be valuable to future employers and you will have the

opportunity to develop skills in practical techniques, analysis and presentation of results from the start of the course. In your third year you will have the opportunity to undertake a work placement with a relevant employer.

In the School of Science we aim to provide a caring and supportive environment for our students. To aid this you will undertake practical work and tutorials in smaller groups to encourage informal discussion with staff and fellow students.

COURSE CONTENT

YEAR 1

Your first year will provide a broad-based introduction to a range of subjects underpinned by key and transferable skills. These will include human physiology, anatomy and human movement, personal development in sport, an introduction to cells and molecules, and data interpretation. The learning environment will take the form

UCAS

C602 H BSc/ASE

Campus

Hamilton

School

Science

Entry

Year 1 Highers BBCC or above including one science subject; for mature applicants (over 21), relevant experience.

A-Level CC including one science subject, plus GCSE English and Maths.

Candidates may be subject to interview and may be assessed on a written piece of academic writing.

Year 2 HNC in a relevant discipline, e.g. Applied Sport and Exercise Science or Fitness, Health and Exercise. Applicants with the Scottish Baccalaureate qualification in Science may be considered for Year 2 entry. Candidates may be subject to interview and may be assessed on a written piece of academic writing.

Year 3 HND in a relevant discipline, e.g. Applied Sport and Exercise Science or Fitness, Health and Exercise.

In addition as part of the entry process, students may be subject to an academic interview and may be assessed on the submission of a piece of academic writing.

Please note: ideally candidates should also be able to demonstrate that they have achieved passes (at Grade 1–3 in Standard Grade or Intermediate 2) in Maths, English and Chemistry.

of lectures, laboratory practicals and tutorials to support the theoretical material. All first year students are provided with an introduction to the use of the Blackboard Virtual Learning Environment and to personal development planning.

YEAR 2

In Year 2 you will develop your knowledge of human physiology and will be introduced to sport and exercise biomechanics and motor learning and performance. You will also study the field of physical activity and health and be introduced to methods of enquiry in sport.

YEAR 3

In Year 3 you will study the use of mental skills training in sports performance, biomechanics and sports conditioning and advance your knowledge in key areas in human physiology. You will also be introduced to the area of exercise prescription in chronic disease states and study research methods in sport. You will also have the opportunity to undertake a work-based learning placement in this year, which will be extremely valuable for future employment.

YEAR 4 (HONOURS)

This year will focus on the study of the major disciplines including applied psychology in sport and exercise, analysis of human movement and applied sport and exercise physiology. A critical part of the Year 4 curriculum is a supervised project, which will allow you to participate in research in a subject area of your own choosing.

CAREER PROSPECTS

As a Sport and Exercise graduate, you will be multi-skilled and will be equipped to provide support in the sport, exercise and health, and science industries, with opportunities in local authorities, professional sport, healthcare and science professions. Alternatively, you may decide to continue your studies by pursuing postgraduate opportunities in research, physiotherapy, sports medicine and teaching.

PROTECTING VULNERABLE GROUPS SCHEME (PVG SCHEME)

Applicants will be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme), managed and delivered by Disclosure Scotland. For more information on the PVG Scheme please refer to www.scotland.gov.uk/Topics/People/Young-People/childrenfamilies/pvglegislation

Duration

BSc 3 years

BSc Hons 4 years

Contact

Duncan Buchan

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SPORT

Sport Coaching

THIS PROGRAMME IS BUILT AROUND ACHIEVING ATHLETE-CENTRED GOALS THAT ARE INFLUENCED BY POLICY, AGE, MATURATION AND ABILITY. BY THE END OF THE PROGRAMME, STUDENTS WILL BE ABLE TO WORK INDEPENDENTLY AND UNDERTAKE LEAD COACHING ROLES WITHIN A SPORT COACHING SETTING, WHILE ALSO HAVING A COMMITMENT TO THEIR OWN CONTINUED DEVELOPMENT.

The course places emphasis on the theory of sports coaching that enables development of a fuller understanding of the profession through classroom-based learning. This includes practical and applied sessions, to underpin the knowledge required for effective coaching. Applicants for the course are encouraged to attend applicant information days to enable them to speak with staff and current students and to learn more about the content and structure of the programme.

The programme covers the factors relevant to sporting performance – sports psychology, physiology, biomechanics, tactics and decision-making, and models of athlete development – and marries the theoretical aspects of these subjects to their application in coaching situations. Students will have the opportunity to coach local schoolchildren in the first year and experience coaching placements during Year 2 and Year 3. The programme is linked to the UK

Coaching Certificate (UKCC) and there is the opportunity to gain British Association of Sport & Exercise Sciences (BASES) accreditation.

Alongside scientific aspects of sport performance, the course provides an introduction to the management and development of sport. Additionally, the course provides other key transferable skills such as information technology application, communication skills and objective problem-solving.

Students will be required to purchase kit (tracksuit, polo shirts, sweatshirt). Students with financial hardship will be able to apply to Student Services for help towards the cost.

In producing this programme, consultation has been sought from national sport organisations, national governing bodies, sport development officers and expert coaches. This ensures the content of the course is current, contemporary and applicable in relation to what the industry requires. The degree is closely linked to industry through

UCAS

CX6C H BSc/SpC

Campus

Hamilton

School

Science

Entry

Year 1 Highers at Grade BBCC or above or equivalent; for mature students (over 21) relevant experience of and/or a strong interest in sports coaching or voluntary leadership. Candidates may be subject to interview.

Year 2 HNC/CertHE in a relevant discipline. Candidates may be subject to interview and may be assessed on a piece of academic writing.

Year 3 HND/DipHE in a relevant discipline, e.g. Sport Coaching with Sport Development or Fitness Health and Exercise. All applicants to Year 3 should note that if they are accepted for the course, they may be required to enrol on the Next Steps module. This twenty-credit module is delivered over the summer, prior to commencement of the course, and is designed to prepare students for the transition into education at University of the West of Scotland. If passed, this module will count as credit towards your degree and will replace one of the optional modules within the course. In addition, as part of the entry process, students may be subject to an academic interview and may be assessed on the submission of a piece of academic writing.

workplace opportunities including the chance to gain sport-specific National Governing Body (NGB) awards. We regularly invite guest speakers to share their expertise and knowledge with students. Recently we've been joined by Sport Scotland, NGB-national coaches, strength & conditioning experts, active schools recruitment officers and Volunteer Scotland.

Upon successful completion of Year 1 you will have the opportunity to articulate to Year 2 of the BA Sport Development if you so choose.

COURSE CONTENT

The curriculum is structured in 4 levels of study, each valued at 120 credits. In order to be awarded an Honours degree, students must achieve 480 credits. The degree design provides for an exit point with an ordinary degree (360 credits) or a Diploma (240 credits).

YEAR 1

Subjects will include Foundations of Coaching, Personal Development in Sport, Organisation of Sport, Foundations of Sport Science, and a choice of one optional module; either Issues in Sport or Foundations of Coaching Practice.

YEAR 2

Core subjects include Motor Learning and Performance, Sport Biomechanics for Coaches, Methods of Enquiry in Sport, Coaching Practice, and the Physiology of Training.

YEAR 3

Core subjects include Performance Analysis in Sport, Sport Performance Physiology, Advanced Coaching Practice, Research Methods in Sport, and Mental Skills Training.

YEAR 4 (HONOURS)

Core subjects include dissertation, Coaching Issues: Children, Coaching Issues: Adults, and Professional Development.

PROGRESSION

This programme fulfils the requirements for entry to a number of postgraduate programmes in management, sport, leisure and other related disciplines. This programme will develop skills and knowledge that will allow students to design and lead coaching programmes.

CAREER PROSPECTS

Graduates may seek employment in professional football clubs or become active schools co-ordinators and professional coaches or fitness instructors.

PROTECTING VULNERABLE GROUPS SCHEME (PVG SCHEME)

Applicants will be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme), managed and delivered by Disclosure Scotland. For more information on the PVG Scheme please refer to www.scotland.gov.uk/Topics/People/Young-People/childrenfamilies/pvglegislation

Please note: applicants are expected to have Maths at S Grade 3 or equivalent. Applications for advanced entry to Year 2 or 3 of the BSc in Sport Coaching will be accepted from mature students with a Level 3 or above coaching award, a demonstrable history of attending professional development short courses run by their own NGB or Sports Coach UK or other relevant agencies, and significant coaching experience. Evidence of having achieved either a Community Sport Leaders Award, a recognised National Governing Body Award, or United Coaching Certificate Level 1 qualification (UKCC L1) would be advantageous.

Duration

BSc 3 years

BSc Hons 4 years

Contact

Julie Mason

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(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

SPORT

DipHE Sport Coaching

THIS COURSE WILL DEVELOP SKILLS AND KNOWLEDGE THAT WILL ALLOW STUDENTS TO DESIGN AND CONDUCT BASIC COACHING PROGRAMMES. THESE PROGRAMMES WILL BE BUILT AROUND ACHIEVING ATHLETE CENTRED GOALS THAT ARE INFLUENCED BY AGE, MATURATION AND ABILITY. BY THE END OF THE COURSE, STUDENTS WILL BE ABLE TO WORK EFFECTIVELY AND INDEPENDENTLY IN A ROUTINE SPORT COACHING ENVIRONMENT, WITH LITTLE SUPERVISION, WHILE ALSO HAVING A COMMITMENT TO THEIR OWN CONTINUED DEVELOPMENT.

The nature of this course means that a significant amount of time is spent in classroom-based situations. While we take every opportunity to display ideas and theory in an applied and practical manner, it is important that new students realise that we adopt a long-term approach to developing practical skills that are underpinned by the knowledge required to become an effective coach. In order for students to make sure that they have chosen the correct programme, we encourage early application and attendance at information days, so that they can learn more about the programme and meet current students.

The course covers the factors relevant to sporting performance – sports psychology, physiology, biomechanics, tactics and decision making, and models of athlete

development – and marries the theoretical aspects of these subjects to their application in coaching situations. Students will have the opportunity to coach local school children in the first year and all students will go on a coaching placement in the second year.

Alongside the scientific aspects of sport performance, the course provides an introduction to the management and development of sport. Students will be expected to apply this knowledge in the workplace. Additionally, other key transferable skills such as information technology application, communication skills and objective problem-solving are provided. The programme is linked to the UK Coaching Certificate (UKCC) and there is the opportunity to gain British Association of Sport & Exercise Sciences (BASES) accreditation.

UCAS

CX61 H DipHE/SpC

Campus

Hamilton

School

Science

Entry

Year 1 2 Highers at Grade C or above or equivalent; for mature students (over 21), relevant experience of and/or a strong interest in sports coaching or voluntary leadership.

Year 2 HNC/CertHE in a relevant discipline (contact course leader for more details).

Please note:

- applicants are expected to have Maths at S Grade 3 or equivalent.
- candidates may be required to attend an interview.

Duration

DipHE 2 years

Contact

Julie Mason

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

Students will be required to purchase kit (tracksuit, polo shirts, sweatshirt). Students with financial hardship will be able to apply to Student Services for help towards the cost.

Consultation has been sought from national sport organisations, national governing bodies, sport development officers and expert coaches in the development of this course. This ensures the content of the course is current, contemporary and applicable in relation to what the industry requires. The course is closely linked to industry, through workplace opportunities including the chance to gain sport-specific National Governing Body (NGB) awards. We regularly invite guest speaker to share their expertise and knowledge with students. Recently we've been joined by Sport Scotland, NGB-national coaches, strength & conditioning experts, active schools recruitment officers and Volunteer Scotland.

Upon successful completion of Year 1 you will have the opportunity to articulate to Year 2 of the Dip HE in Sport Development if you so choose.

COURSE CONTENT

The curriculum is structured in 2 levels of study, each valued at 120 credits. In order to be awarded a Diploma you must achieve 240 credits.

YEAR 1

Subjects will include Foundations of Coaching, Personal Development in Sport, Organisation of Sport,

Foundations of Sport Science, and a choice of one optional module; either Issues in Sport or Foundations of Coaching Practice.

YEAR 2

Core subjects include Motor Learning and Performance, Sport Biomechanics for Coaches, Methods of Enquiry in Sport, Coaching Practice, and the Physiology of Training.

PROGRESSION

The vast majority of students use this qualification to gain entry to the third year of the BSc (Hons) Sport Coaching degree programme.

CAREER PROSPECTS

Graduates may seek employment in professional football clubs or become active schools co-ordinators and professional coaches or fitness instructors.

PROTECTING VULNERABLE GROUPS SCHEME (PVG SCHEME)

Applicants will be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme), managed and delivered by Disclosure Scotland. For more information on the PVG Scheme please refer to www.scotland.gov.uk/Topics/People/Young-People/childrenfamilies/pvglegislation

SPORT

Sport Development

THIS PROGRAMME WILL DEVELOP SKILLS AND KNOWLEDGE THAT WILL ALLOW STUDENTS TO WORK AS EFFECTIVE SPORT DEVELOPMENT PRACTITIONERS. THIS INVOLVES SHOWING AWARENESS AND VALUE OF ETHICAL AND CULTURAL ISSUES IN SPORT AND SOCIETY. BY THE END OF THE PROGRAMME STUDENTS WILL BE ABLE TO WORK INDEPENDENTLY AND TAKE ON PROGRAMME LEADERSHIP IN A SPORT DEVELOPMENT SETTING, WHILE ALSO HAVING A COMMITMENT TO THEIR OWN CONTINUED DEVELOPMENT.

The programme places emphasis on the theory and practice of sports development, to enable students to develop a fuller understanding of the profession through classroom-based learning. This includes practical and applied sessions, to underpin the knowledge required to become a successful practitioner. Students will also have regular contact with a wide range of sport development practitioners. Applicants for the programme are encouraged to attend applicant information days to enable them to speak with staff and current students and to learn more about the content and structure of the programme. The major factors relevant to sport development are covered – professional and ethical practice, sport in society, sport management. These are married with the theoretical aspects of these subjects to their practical application

within sport development.

The programme is about developing skills and knowledge to support graduates in the design of strategies and programmes leading to the achievement of policy-based goals such as greater participation, improved health, improving social responsibility, and developing talent.

We have strong links with industry and this is reflected in our course design, work experience and the employability of our students. In producing this programme, we have consulted with national sport organisations, national governing bodies, sport development officers and expert coaches. Recent guest speakers have included representatives from Sport Scotland, Scottish Football Association, Scottish Ethnic Minority Sport Association (SEMSA), Cricket Scotland, Basketball Scotland, Scottish Hockey Union,

UCAS

C600 H BA/SD

Campus

Hamilton

School

Science

Entry

Year 1 Highers at Grade BBCC or above or equivalent; for mature students (over 21) relevant experience, including experience of and/or a strong interest in sports coaching or voluntary leadership. Candidates may be subject to interview.

Year 2 HNC/CertHE in a relevant discipline (contact number below for more details). Candidates may be subject to interview.

Year 3 The minimum requirement is an HND/DipHE in a relevant discipline, e.g. Sport Coaching with Sport Development, Health and Fitness, Sport and Recreation Management. However, applications will be also assessed on broader issues such as experience, other relevant qualifications and reference from HND course tutor. All applicants to Year 3 should note that if they are accepted for the course, they may be required to enrol on the Next Steps module. This twenty credit module is delivered over the summer, prior to commencement of the course, and is designed to prepare students for the transition to UWS. If passed, this module will count as credit towards your degree and will replace one of the optional modules

Active Schools, Scottish Rugby League, Rangers Football Club, Celtic Football Club, Motherwell Football Club and Glasgow Warriors.

Students may be required to purchase kit (tracksuit, polo shirts, sweatshirt). Students with financial hardship will be able to apply to Student Services for help towards cost. Upon successful completion of Year 1 you will have the opportunity to articulate to Year 2 of the BSc (Hons) Sport Coaching if you so choose.

COURSE CONTENT

The curriculum is structured in 4 levels of study, each valued at 120 credits. In order to be awarded an Honours degree, students must achieve 480 credits. The degree design provides for an exit point with an ordinary degree (360 credits) or a Diploma (240 credits).

YEAR 1

Subjects will include foundations of coaching, personal development in sport, organisation of sport, foundations of sport science, and issues in sport.

YEAR 2

Core subjects include sport and communities, delivering sport development, methods of enquiry in sport, applied event management, and physical activity and health.

YEAR 3

Core subjects include sport marketing, research methods in sport, sport policy, sport development practice, and social issues in sport.

YEAR 4 (HONOURS)

Core subjects include dissertation, developing potential, sport and society, and professional development.

PROGRESSION

This programme fulfils the requirements for entry to a number of postgraduate programmes in management, sport, leisure and other related disciplines.

CAREER PROSPECTS

Graduates have gone on to become active schools managers, sport development officers and entered other sports-related employment.

PROTECTING VULNERABLE GROUPS SCHEME (PVG SCHEME)

Applicants will be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme), managed and delivered by Disclosure Scotland. For more information on the PVG Scheme please refer to www.scotland.gov.uk/Topics/People/Young-People/childrenfamilies/pvglegislation

within the course. In addition as part of the entry process, students may be subject to an academic interview and may be assessed on the submission of a piece of academic writing.

Please note: applicants are expected to have Maths at S Grade 3 or equivalent.

Duration

BA 3 years

BA Hons 4 years

Contact

James Adams

0141 848 7044

(44 141 848 7044 outwith UK)

uni-direct@uws.ac.uk

SPORT

DipHE Sport Development

THIS PROGRAMME WILL DEVELOP SKILLS AND KNOWLEDGE THAT WILL ALLOW YOU TO DESIGN BASIC STRATEGIES AND PROGRAMMES THAT CAN CONTRIBUTE TO THE ACHIEVEMENT OF POLICY-BASED GOALS SUCH AS GREATER PARTICIPATION, IMPROVED HEALTH, IMPROVING SOCIAL RESPONSIBILITY, AND DEVELOPING TALENT.

The programme covers factors relevant to sport development – understanding sport performance, sport in society and sport management – and marries the theoretical aspects of these subjects to their practical application within a sport development context in the workplace. Additionally, the programme provides other key transferable skills such as information technology application, communication skills and objective problem-solving. During the programme, you will complete a work experience opportunity and organise and conduct an event. This will enable you to develop a CV at the same time as gaining your qualification.

In producing this programme, consultation has been sought from national sport organisations, national governing bodies, sport development officers and expert coaches. Students will be required to purchase kit (tracksuit, polo shirts, sweatshirt). Students with financial hardship will be able to apply to Student Services for help towards the cost. You will also have the opportunity to articulate to Year 2 DipHE Sport Coaching if you so choose.

COURSE CONTENT

YEAR 1

Subjects will include foundations of coaching, personal development in sport, organisation of sport, foundations of sport science, and issues in sport.

YEAR 2

Core subjects include sport and communities, delivering sport development, methods of enquiry in sport, applied event management, and physical activity and health.

PROGRESSION

The vast majority of students use this qualification to gain entry to the third year of the BA (Hons) Sport Development degree programme.

PROTECTING VULNERABLE GROUPS SCHEME (PVG SCHEME)

Applicants will be required to join the Protecting Vulnerable Groups Scheme (PVG Scheme), managed and delivered by Disclosure Scotland. For more information on the PVG Scheme please refer to www.scotland.gov.uk/Topics/People/Young-People/childrenfamilies/pvglegislation

UCAS

C601 H DipHE/SD

Campus

Hamilton

School

Science

Entry

Year 1 2 Highers at Grade C or above or equivalent; for mature students (over 21), relevant experience, including experience of and/or a strong interest in sports coaching or voluntary leadership.

Year 2 HNC/CertHE in a relevant discipline.

Please note:

- applicants are expected to have Maths at S Grade 3 or equivalent.
- candidates may be required to attend an interview.

Duration

DipHE 2 years

Contact

James Adams
0141 848 7044
 (44 141 848 7044 outwith UK)
uni-direct@uws.ac.uk



APPLYING TO UWS

Applications

15 JANUARY 2012
UCAS application
deadline for
2012 entry.
(later applications
accepted subject
to availability)

HOW TO APPLY – UCAS

All applications for entry to full-time Honours degree, Degree, Diploma and CertHE programmes, starting in September 2012 should be submitted through the Universities and Colleges Admissions Service (UCAS). This includes applications to the second and subsequent years of programmes.

UCAS applications are made online at www.ucas.com. You can complete your application at a time and location that best suits wherever you have internet access. You can save your application to complete later.

School and college students can save their draft application and amend it as required before their adviser submits their final application. Personal statements and references can be prepared in advance and cut and pasted into the application as necessary. Support and advice is available at www.ucas.com. UCAS information on courses and programmes is available online and is updated regularly.

UCAS CONTACT DETAILS

UCAS

Rosehill, New Barn Lane
Cheltenham,
Gloucestershire GL52 3LZ
tel **0871 468 0468**
(0044 871 468 0468)
e-mail enquiries@ucas.ac.uk
web www.ucas.com

The UCAS website has lots of helpful FAQs and you can link to Facebook, Twitter and UCAS TV.

WHEN TO APPLY

Applications should reach UCAS between 1 September 2011 and 15 January 2012. This ensures that your application is given equal consideration. It is not necessary to have taken, or know the result of, qualifying examinations before applying to the University as a conditional offer can be made at an early stage. Applications sent after 15 January 2012 will be considered if there are suitable vacancies. You can select up to five programmes. University of the West of Scotland's institution code is U40 and the individual course codes are listed at the beginning of each entry in this prospectus. The codes contain the appropriate UWS campus indicator (A, D, H or P). Campus/location codes for our partner colleges, where UWS programmes are also offered, have been set up – see the UCAS website or call University Direct for details. A fee of £22 must be sent with your completed UCAS form. Alternatively, you can enter one choice only on the UCAS form and pay a reduced fee of £11.

ENTRY REQUIREMENTS TO UNDERGRADUATE PROGRAMMES

For admission to degree programmes, applicants should possess as a minimum, passes in five subjects to include three at Higher Grade C or above; or passes in five subjects to include two at GCE Advanced Level; or an appropriate award of the SQA, Edexcel, the AQA or OCR; or Irish Leaving Certificate with five subjects at Grade C, or above, to include at least three subjects at the Higher level; or other equivalent qualifications acceptable to the University. If you have less than three Highers you may be able to gain entry to a Certificate/Diploma programme and progress to related degree study upon successful completion.

All applicants are expected to provide evidence of proficiency in Mathematics and English, usually at least at Standard Grade 1, 2 or 3 (or equivalent).

In addition to standard qualifications, such as Highers, Advanced Highers and A-Levels, University of the West of Scotland will consider other combinations of qualifications and experience, such as International Baccalaureate, Scottish Baccalaureate, Professional Development Awards and Youth Achievement Awards, in support of your application, including application for advanced entry. Competition for places means that qualifications above the minimum pass standard are usually required to gain admission to a programme.

Details of competitive entrance requirements are given under the relevant course entries in this prospectus. In addition to the minimum entrance requirements, some programmes ask for specific subject passes and others are recommended.

ADVANCED ENTRY

- the Advanced Higher is also recognised for admissions purposes and for certain programmes the University will consider applicants with a combination of Highers/Advanced Highers or AS Levels/A Levels in certain subjects for Year 2 entry.
- applicants with HNCs that contain less than 120 credit points will be required to make up this credit deficit prior to graduation.
- the University will accept HND qualifications as a means of entry, based either on specific grades in the graded units or on merits.

Entry requirements are intended only as a guide and other factors may also be

taken into account when your application is considered.

For advice on entrance requirements and the suitability of your planned programme of study contact University Direct **0141 848 7044** (44 141 848 7044).

NURSING AND MIDWIFERY APPLICATIONS

Please see pages 153–154 for a full explanation of entry requirement to nursing and midwifery programmes.

CLEARING – LATE APPLICATIONS STAGE

If you have not yet applied or secured a place, then the UCAS Clearing system allows you to make late application to us until the end of September for remaining vacancies; you should contact University Direct **0141 848 7044** (44 141 848 7044) for advice on late application procedures and the availability of places on the University's programmes.

MATURE APPLICANTS (FULL-TIME/PART-TIME)

We welcome applications from mature students and may take work experience and relevant professional training into account when making a decision on application. Students coming to University with a college qualification may wish to take the "Next Steps at University" module which is specifically designed for college students who are continuing their studies to degree level. Further details on this option are available from the Lifelong Learning Academy on **0141 848 3193** (44 141 848 3193).

SCOTTISH BAPTIST COLLEGE APPLICATIONS

The Scottish Baptist College is located on Paisley Campus and its programmes are validated by the University. Courses on offer include the Degree of Bachelor of

Divinity in Theology and Pastoral Studies, Graduate Diploma in Applied Theology through work-based learning and Graduate Diploma in Pastoral Studies.

The College is the primary denominational training facility for ministry in Scottish Baptist churches, but is increasingly attracting non-Baptists who are looking to train for full-time ministry, chaplaincy or RE teaching. The College also offers a range of part-time courses, both on-site and in churches.

For further information, please visit www.scottishbaptistcollege.org give the College a call on **0141 848 3988** or e-mail scottishbaptistcollege@uws.ac.uk

STUDENTS WITH DISABILITIES

Applicants should contact the appropriate admissions staff listed if they require further information about their chosen course of study. Applicants are also advised to contact the Enabling Support Team, who support students with disabilities and specific learning requirements. It is important that the University is notified of students' disabilities in advance, to enable individual support arrangements to be put in place prior to commencement of studies.

Ayr

Contact **44 (0)1292 886267**
enablingsupport.ayr@uws.ac.uk

Dumfries

Contact **44 (0)1387 734279**
studentservices-dumfries@uws.ac.uk

Hamilton

Contact **44 (0)1698 894448**
enablingsupport.hamilton@uws.ac.uk

Paisley

Contact **44 (0)141 848 3518**
enablingsupport.paisley@uws.ac.uk

YOUR APPLICATION SCHEDULE**2011****April onwards**

- start to think about what you'd like to study and what you see as your career goals.
- contact University Direct
0141 848 7044
(44 141 848 7044 outwith UK) or e-mail uni-direct@uws.ac.uk for advice on options.
- ask about our info sessions relevant to you.

May–June

- school and college exam periods across the UK.

August

- exam results out – your indicator for study possibilities.

1 September

- UCAS starts accepting applications online at www.ucas.com

Once you've submitted your application, you'll receive a welcome letter from UCAS confirming your details and the courses you have applied to. Your letter will include your personal ID number which you will need so you can follow the progress of your application and respond to offers using the online UCAS Track service at www.ucas.com

October/November 2011

Campus Open Days – find out more about studying at UWS:

Hamilton Campus Open Day

- Tuesday 11th October, 3–7pm

Paisley Campus Open Day

- Tuesday 25th October, 3–7pm

Ayr Campus Open Day

- Tuesday 1st November, 3–7pm

Dumfries Campus Open Day

- Thursday 3rd November, 3–7pm

2012**15 January**

- this is the recommended UCAS deadline for applications.

End February

- applicants can refer themselves through UCAS Extra.

End March

- universities and colleges should aim to have sent decisions on all applications received by 15 January.

Beginning May

- universities and colleges must have sent decisions on all applications received by 15 January.

Mid May

- applicants must make their decisions on first choice of institution and insurance choice.

30 June

- last date for receipt of applications for immediate consideration. Those received after this date held for Clearing.

July–September

- UCAS Clearing.

September

- University term begins.

SCOTTISH WIDER ACCESS PROGRAMME

As part of our commitment to widening access to courses, the University is a participating member of the Scottish Wider Access Programme (SWAP). SWAP provides an alternative route into Higher Education through an Access course that consists of one year's full-time study of SQA modules with guaranteed entry to Higher Education for successful candidates. Access courses in a range of subjects are offered at various colleges throughout the West of Scotland.

For more information about SWAP call **0800 731 0949** or e-mail swapwest@scottishwideraccess.org or contact University Direct **0141 848 7044** (44 141 848 7044 outwith UK).

INTERNATIONAL APPLICATIONS

International students should apply for full-time undergraduate programmes online through Universities and Colleges Admissions Service (UCAS) – see page 230. You should apply independently unless your school or college is registered with UCAS. You can access all the information required at www.ucas.com – however if you do not have access to the internet, you can contact UCAS at the address shown on page 230.

Applicants resident overseas should not leave their home country in order to attend the University until they have received an unconditional offer of admission. As the level of overseas tuition fees is substantial, prospective students should check the approximate amount of these fees for the duration of their study, and the maintenance costs to cover books, accommodation and living expenses should also be considered. Information on this can usually be obtained from British Council Offices overseas and government educational agencies in your own or home country. International students who wish to study in Scotland can get up-to-date advice on the visa process from www.ukba.homeoffice.gov.uk/

Students paying international fees must pay 50% on enrolment, the balance being due at the start of Trimester 2. (Fee discounts are offered – see page 235 for details). The University has a new online payment facility allowing students to pay tuition fees or University accommodation by debit or credit card. The online

payment facility will allow you to make a single, one-off payment or you can set up a recurring payment in the same way as a direct debit. Both methods allow you to print a receipt for your reference and you will receive an e-mail confirmation of your payment details. Payments can also be made by cash/bank transfer.

Students from overseas may be interested to note that the University is involved in the International Foundation Programme – Scotland which provides access to the degree courses offered by Scottish universities, and certain participating colleges. There is a wide range of foundation programmes offered for international students to give them solid preparation for undergraduate study at university in Scotland. Specialised programmes and expert advice are offered to IFPS students. For further details contact:

International Foundation Programme – Scotland

Clydebank College
College Square
Queens Quay
Clydebank
Glasgow
G81 1BF

tel **44 (0)141 951 7668**

e-mail International@clydebank.ac.uk
website www.clydebank.ac.uk/international

ENGLISH LANGUAGE REQUIREMENTS

It is essential that you have a good command of written and spoken English if you wish to excel in your studies.

As a rough guide, a TOEFL score of 550 or above, or an IELTS score of 6 or above (minimum of 5 in each component) is acceptable as evidence of proficiency in English. The following table gives more detail. Other qualifications may

be acceptable. For further information contact our ESOL team, tel **44 (0)141 848 3381** fax 44 (0)141 848 3533 or e-mail Esol.Team@uws.ac.uk

English language requirements

Qualification	Minimum requirement
International English Language Testing System	Average score of 6, and for each component 5(IELTS)
TOEFL Paper-based test	550
Computer-based test	213
Internet-based test	80
University of the West of Scotland English Language Foundation Course	Pass B
Cambridge ESOL Certificate in Advanced English (CAE)	Grade C
Cambridge ESOL Certificate of Proficiency in English (CPE)	Grade C
Cambridge ESOL Certificate in English Language Skills (CELS) Higher	Pass in all 4 skills
City & Guilds International ESOL Expert or Mastery	Pass
International Baccalaureate Standard English	Grade 5
International Baccalaureate Higher English	Grade 4
International Foundation Programme Scotland – English	Grade C
International GCSE English as a Second Language	Grade C
London Chamber of Commerce and Industry (LCCI) English for Business Examination	Level 3
Pearson Test of English Academic (PTE)	53
SQA ESOL Higher	Grade C
Trinity College London Integrated Skills in English (ISE)	Level III

ENGLISH LANGUAGE PROGRAMMES

International students who are planning to study at UWS but whose English language skills are slightly lower than the minimum required for direct entry can apply to study English by emailing **ESOL.Team@uws.ac.uk**. The following courses are available within UWS:

Summer English Language Courses

8-week Pre-sessional Course Tuition fees 2011: £1,680. This course is designed to prepare students with an English language level equivalent to IELTS 5.5 or above to enter a degree programme in September. It consists of 22.5 hours of tuition per week, focusing on academic and business English.

4-week Pre-sessional Course

Tuition fees 2011: £840. This course is open to all international students whose level of English is equivalent to IELTS 6.0 or above and who wish to prepare for academic study in English. It consists of 18 hours of tuition per week, focusing on academic and business English.

English Language Foundation Course

The English Language Foundation Course is designed to assist international students to develop their English Language proficiency. The course is taught over two trimesters (September–January and February–May) and is available to students with an English Language level equivalent to IELTS 4.5 or equivalent. It is possible to join the course in either September or February, and students may also progress onto one of the summer pre-sessional courses, depending on the level of English they have achieved at the end of trimester 2.

Tuition fees 2011:

£2,700 (1 trimester);

£5,400 (2 trimesters).

Please email **international@uws.ac.uk** for more information.

British Council English School

The British Council is the UK's international organisation for educational and cultural relations between the UK and the rest of the world. It provides English language courses from 135 outlets in 58 countries world-wide. If you visit the British Council website you can find out about courses that are available in your own country. If the British Council office in your country does not offer courses in English, it will be able to recommend other English language courses in your own country that you may wish to attend before beginning your studies at UWS. Log on to **www.britishcouncil.org** for more information.

FINANCE

SCOTTISH & EU STUDENTS

Applicants normally resident in Scotland or in other EU countries (excluding England, Wales and Northern Ireland) may be eligible for fee payment by the Student Awards Agency for Scotland (SAAS).

APPLICATION FOR TUITION FEE PAYMENT

You must apply to the Student Awards Agency for Scotland (SAAS) annually for the University to receive tuition fees. Applications can be processed by SAAS from May each year and you are advised to apply at this time. You have until 28th October to supply your award letter or you will be treated as self financing and therefore be liable for your fees. For more details of support available to students and to apply for funding, visit **www.saas.gov.uk** or call **0300 555 0505**.

N.B: Information on fees is correct at the time of publication but may be subject to alteration and revision. Applicants can contact the University's Finance Office on tel **44 (0)141 848 3196/3351/3190** for advice and further information.

STUDENT LOANS

Student Loans are processed via the Student Loans Company Ltd, tel **0800 40 50 10** or visit **www.slc.co.uk** Students should apply via the Student Awards Agency for Scotland (SAAS) or their Local Education Authority. Continuing students ie students who entered Higher Education before 1998 should contact the University's Student Services who will be able to help with enquiries on eligibility –

Ayr Campus

tel **44 (0)1292 886267**

Dumfries Campus

tel **44 (0)1387 734279**

Hamilton Campus

tel **44 (0)1698 283100** ext **8248**

Paisley Campus

tel **44 (0)141 848 3803**

DEGREE COURSES IN NURSING & DEGREE COURSES IN MIDWIFERY

You have until 28th October to supply your award letter or you will be treated as self financing and therefore be liable for your fees. Health Department bursaries are available for these courses. For further information, please contact the School of Health, Nursing & Midwifery on **44 (0)141 849 4200**.

ENGLISH, WELSH & NORTHERN IRISH STUDENTS

For applicants normally resident in England, Wales and Northern Ireland there will be a requirement to pay an annual tuition fee, subject to means testing by the appropriate Local Education Authority (LEA) or Library Board. It is important that students apply to the appropriate funding body to have their fees, or a portion of their fees, paid. Applicants should contact their Local Education Authority or the free student support line on **0800 731 9133** or **www.dfes.gov.uk/studentsupport**

Applicants from the Channel Islands or the Isle of Man – special arrangements exist and you should contact the appropriate student awards section.

SELF-FINANCING STUDENTS

UK and EU students who are not eligible for funding are regarded as self-financing students. A standard one-module deposit (£305 at time of print) will be required at time of enrolment, with balance due on receipt of invoice. Alternatively, if you wish to pay by instalments, you are required to set up a recurring debit/credit card

payment. Details of our current tuition fees and our online payment facility can be found at **www.uws.ac.uk/finance**

COMPANY SPONSORSHIP

If your fees are being fully or partly paid by an organisation or a sponsor, you must make sure that your funding is in place and that written confirmation of this has been sent to the Finance Office prior to your enrolment.

Please email the completed confirmation of sponsorship form or purchase order from your sponsor to **fees@uws.ac.uk**

Please note that you are responsible for your tuition fees until they are paid in full by your sponsor.

INTERNATIONAL STUDENTS

Undergraduate fees for international (non-EU) students for 2011/12 were:

- arts-based (£10,000)
- science-based (£10,500)

*The figures quoted for the University's international tuition fees include all tuition, registration and examination costs.

If you pay all your tuition fees in full prior to, or on enrolment, providing this is within one week of formal classes commencing, you may be eligible for a discount of 10% on tuition fee. No discounts will be given in the event of late arrival for any courses or to students undertaking discounted courses.

If you would prefer, your tuition fees can be paid over 2 instalments with no discount. A minimum first instalment of 50% is required at the time of your enrolment. The second instalment is due at the start of your second trimester, but no later than the end of the week of formal classes commencing.

A number of international scholarships are available and many of our international students are eligible for

an award. More details can be found at www.uws.ac.uk/international/scholarships.asp

Further details on the fees for undergraduate, postgraduate courses and research opportunities are available from the University's Finance Office on tel **44 (0)141 848 3196/3351/3190** or visit www.uws.ac.uk/finance.

Accommodation within our halls of residence for full-time, self-financing, international students is guaranteed (providing they apply for a place in the halls by the 27th July). For more detailed information on our accommodation or to apply online please visit www.uws.ac.uk/accommodation.

Full-time, fee paying international (non EU) students (excluding MSc students at the dissertation part of their studies) are eligible for a 5% discount if they pay their accommodation fees in full within 7 days of their arrival date. Evidence of full payment must be provided to the accommodation unit within 7 days of the student's actual arrival date to have the 5% discount applied. No discounts will be given in the event of late arrival for any courses or to students undertaking discounted courses.

UNIVERSITY SCHOLARSHIPS

The University is regularly supported by organisations who offer scholarships/bursaries to eligible students. Students are encouraged to apply to trust funds for additional funding. SAAS (Student Awards Agency for Scotland) maintain the Register of Educational Endowments which is a list of educational trusts in Scotland. They will search their database if you complete an enquiry form. You can also use Family Actions Educational Grants Advisory Service online trust fund search which is available through the University website. Details

and advice on scholarships and trust funds are available at the University's Student Services, telephone –

Ayr Campus
tel **44 (0)1292 886267**

Dumfries Campus
tel **44 (0)1387 734279**

Hamilton Campus
tel **44 (0)1698 894448**

Paisley Campus
tel **44 (0)141 848 3803**

or visit www.uws.ac.uk/fundingadvice

WITHDRAWAL FEE

If you change course or withdraw from your course, you must contact the Finance Office to discuss any financial implications and pro-rata charges. Please note, this is for all students, including those sponsored by SAAS.

GRADUATION REGISTRATION

You will be required to pay a £40 graduation registration fee in order to graduate.

IMPORTANT NOTICE TO ALL APPLICANTS

UNIVERSITY TERMS & CONDITIONS

All students will be required, as a condition of enrolment, to abide by, and submit to, the procedures of the University's Rules and Regulations as amended from time to time.

A copy of the current Regulations, including the Disciplinary Regulations, can be consulted in the University libraries and is available on request from the University Secretary. The University will use all reasonable endeavours to deliver courses in accordance with the descriptions as set out in this prospectus. However, the University does not provide education to UK undergraduates on a commercial basis. It is also very largely dependent on public funds which the University has to manage in a way that is efficient and cost effective in the context of provision of a diverse range of courses to a large number of students.

The University therefore:

- reserves the right to make variations to the contents or methods of delivery of courses including campus location, to discontinue courses and to merge and combine courses, if such action is reasonably considered to be necessary by the University. If the University discontinues any course it will use its reasonable endeavours to provide a suitable alternative programme.
- cannot accept any responsibility, and expressly excludes liability, for damage to students' property and transfer of computer viruses to students' equipment.

- cannot accept responsibility for the non-availability of services, teaching and/or examinations outwith its control. Students are not eligible to graduate if they are in debt to the University.

THE DATA PROTECTION ACT 1998

The University is registered as a data user with the Office of the Information Commissioner. The University holds data relating to its students for the purposes of maintaining the student record (including personal and academic details), management of academic processes (for example, academic audits, examination boards and awarding of degrees), management of university residences and alumni operations. Additional purposes include the provision of advice and support to students via, amongst others, Student Administration, Student Services (including careers, welfare, counselling, pastoral and enabling support) and personal tutors.

The University discloses student information to a variety of recipients including employees and agents (including University-appointed debt recovery companies) of the University, the University's Students' Association, partner institutions of the University, current or potential employers, providers of education and relevant government departments to whom it has a statutory obligation to release information, notably the Scottish Funding Council and the Higher Education Statistics Agency (HESA). Information on the collection of data by HESA can be found at: www.hesa.ac.uk/collection-notice.

The University undertakes to maintain student data in secure conditions and to process and disclose data only within the terms of its Data Protection notification. The processing of sensitive personal data is carried out with appropriate safeguards for the rights and freedoms of the data subjects.

Under the Data Protection Act 1998 students have a right to access current personal information held by the University and a right to object to data processing that causes damage and distress. For details of these procedures please contact the University Data Protection Officer (tel: 0141 848 3699).

COMPLAINTS PROCEDURE

The University is committed to providing high-quality services for its students. However, it recognises that students, applicants, or members of the public may have legitimate complaints about the services or facilities provided by the University. Therefore the University has a Complaints Procedure which should be used in these instances. Further details on this procedure are available from www.uws.ac.uk/complaints

The remit of the Scottish Public Services Ombudsman includes the University, and complaints that are not satisfactorily resolved may be referred to the Ombudsman.

Normally this should be within 12 months of an issue arising. Further information about the role of the Ombudsman is available from www.scottishombudsman.org.uk

FURTHER INFORMATION

AN INCLUSIVE INSTITUTION

The University has a tradition of commitment to the widening of access to Higher Education from all sectors of the national and international community and in attracting students from under-represented socioeconomic backgrounds. We aim to build on this reputation as an inclusive institution and ensure that our commitment extends to all applicants and students, regardless of age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion and belief, sex and sexual orientation. As a student at any of our campuses, you will find that staff will work to promote understanding and integration between groups of different backgrounds and beliefs and will not tolerate any exclusion, harassment or victimisation of students. We will tackle discrimination and prejudice where they are found to exist and tackle the systems, behaviour and attitudes that cause them or sustain them.

Students have individual responsibility to abide by the University's commitment to eliminate unlawful discrimination and to promote equality of opportunity and understanding of difference. We all have a part to play by treating each other fairly, with dignity and respect and individuals should challenge any inappropriate behaviour and report any harassment.

CAMPUSES

AYR CAMPUS

Until July 31 2011

Beech Grove, Ayr
KA8 0SR Scotland
Tel +44 (0)1292 886000

From August 2011

University Avenue, Ayr
KA8 0SX Scotland
Tel +44 (0)1292 886000

DUMFRIES CAMPUS

Dudgeon House, Dumfries
DG1 4ZN Scotland
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