

swansea.ac.uk/postgraduate



**“I believe that collaboration is
the key to change.”**

Dr Lella Nouri, Senior Lecturer – Criminology

POSTGRADUATE 2019

Swansea University



POSTGRADUATE 2019

OPEN DAYS

7 November 2018
(Singleton Park Campus)

14 November 2018
(Bay Campus)

6 March 2019
(Singleton Park Campus)

13 March 2019
(Bay Campus)

LOOK WHO’S MAKING WAVES
AT SWANSEA UNIVERSITY...



DR LELLA NOURI
A pioneer in cyberterrorism research
Page 20



ALEX RUDDY
Trainee doctor with fighting spirit
Page 30



ELINOR MELOY
Ecologist who wants to
change the world
Page 40



 **UK
TOP 10**
BEST UNIVERSITY
(WhatUni Student Choice Awards 2018)

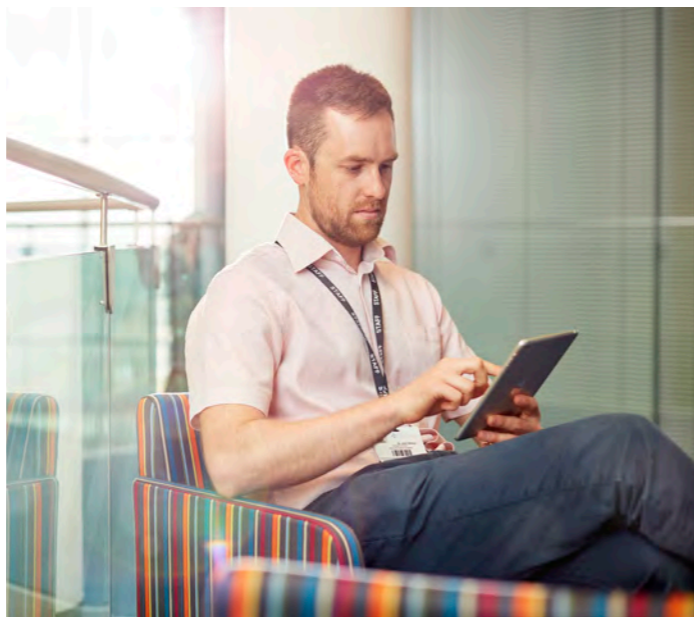
 **UK
TOP 10**
GREENEST UNIVERSITY
(Guardian People & Planet University League 2017)

 **5
STAR**
TEACHING
EXCELLENCE
(QS Stars global university ratings system 2017)

 **3RD**
MOST AFFORDABLE
UK UNIVERSITY TOWN
£89 average weekly rent
(totallymoney.com 2018)

 **UK
TOP 30**
RESEARCH EXCELLENCE
(Research Excellence Framework 2014-2021)

Est. 1920
Swansea University



WELCOME FROM OUR VICE-CHANCELLOR



R. B. Davies

Professor Richard B. Davies
Vice-Chancellor and President,
Swansea University

Swansea University has been at the cutting edge of research and innovation since 1920.

We have a long history of working with business and industry but today our world class research has a much wider impact across the health, wealth, culture, and well-being of our society.

We achieved the highest growth in world-leading and international-quality research activity of any university in the UK (Research Assessment Exercise 2014-2021).

This year we were awarded a gold rating in the national Teaching and Excellence and Student Outcomes Framework (TEF). This result puts Swansea within a small group of elite universities ranked highly for both research and teaching excellence. The result follows Swansea's recent success in the 2019 Guardian University Guide that saw Swansea become Wales' highest ranked university, increasing its overall ranking to 31st in the UK.

This is an exciting time to join us. We have invested over £750 million in our facilities to provide you with the best environment in which to conduct your research. As a postgraduate student, you will be a valued member of our academic community with access to the expertise of research staff, many of whom are world renowned leaders in their fields.

We have achieved an extraordinary level of success in recent years and our research activity exceeds that of many larger universities yet this has not compromised the friendly and relaxed atmosphere that has always characterised the "Swansea experience".

As we approach our centenary we are confident of a bright future. We hope you choose to join us.

WORLD CLASS RESEARCH-LED UNIVERSITY

Research, the relentless pursuit of knowledge and understanding, has driven Swansea University's growth for nearly a century.

From capturing carbon dioxide to create a greener plastic, to building houses which act like power stations, to understanding better the needs and aspirations of an ageing population, Swansea University is tackling the big challenges of today through research.

In addressing the complex fabric of life in the 21st century, there are many challenges and opportunities. The issues facing us today do not respect the artificial boundaries between traditional disciplines, which is why Swansea University's campus environment provides an ideal environment for research to flourish.

Swansea University is already a top 30 research University, soaring up the league table to 26th in the UK, in the latest Research Excellence Framework (REF 2014-2021). This is the national system for assessing the quality of research in UK higher education institutions. 90% of our research is rated world-leading or internationally excellent for the impact it makes to society.

 swansea.ac.uk/research

When the Blue Stuff Hits the Fan
Research as Art Competition image

CONTENTS

04	WORLD CLASS RESEARCH
06	HISTORY AND HERITAGE
08	SWANSEA CITY AND THE REGION
12	SINGLETON PARK CAMPUS MAP
14	BAY CAMPUS MAP
16	ACCOMMODATION
24	STUDENTS' UNION
26	SPORT
32	CELEBRATE YOUR RESEARCH
34	CAREERS, SKILLS AND EMPLOYABILITY
38	STUDY AND WORK ABROAD
42	INTERNATIONAL STUDENTS INFORMATION
44	INTERNATIONAL POSTGRADUATE PATHWAYS
46	CHOOSING A MASTER'S DEGREE
48	SCHOLARSHIPS AND BURSARIES
50	COURSES
140	FEES AND FINANCE
142	HOW TO APPLY
146	INDEX


WINNER

POSTGRADUATE
(WhatUni Student Choice Awards 2017)


**UK
TOP 30**

RESEARCH EXCELLENCE
(Research Excellence Framework 2014-2021)

**90% RESEARCH
INTERNATIONALLY EXCELLENT
FOR IMPACT**

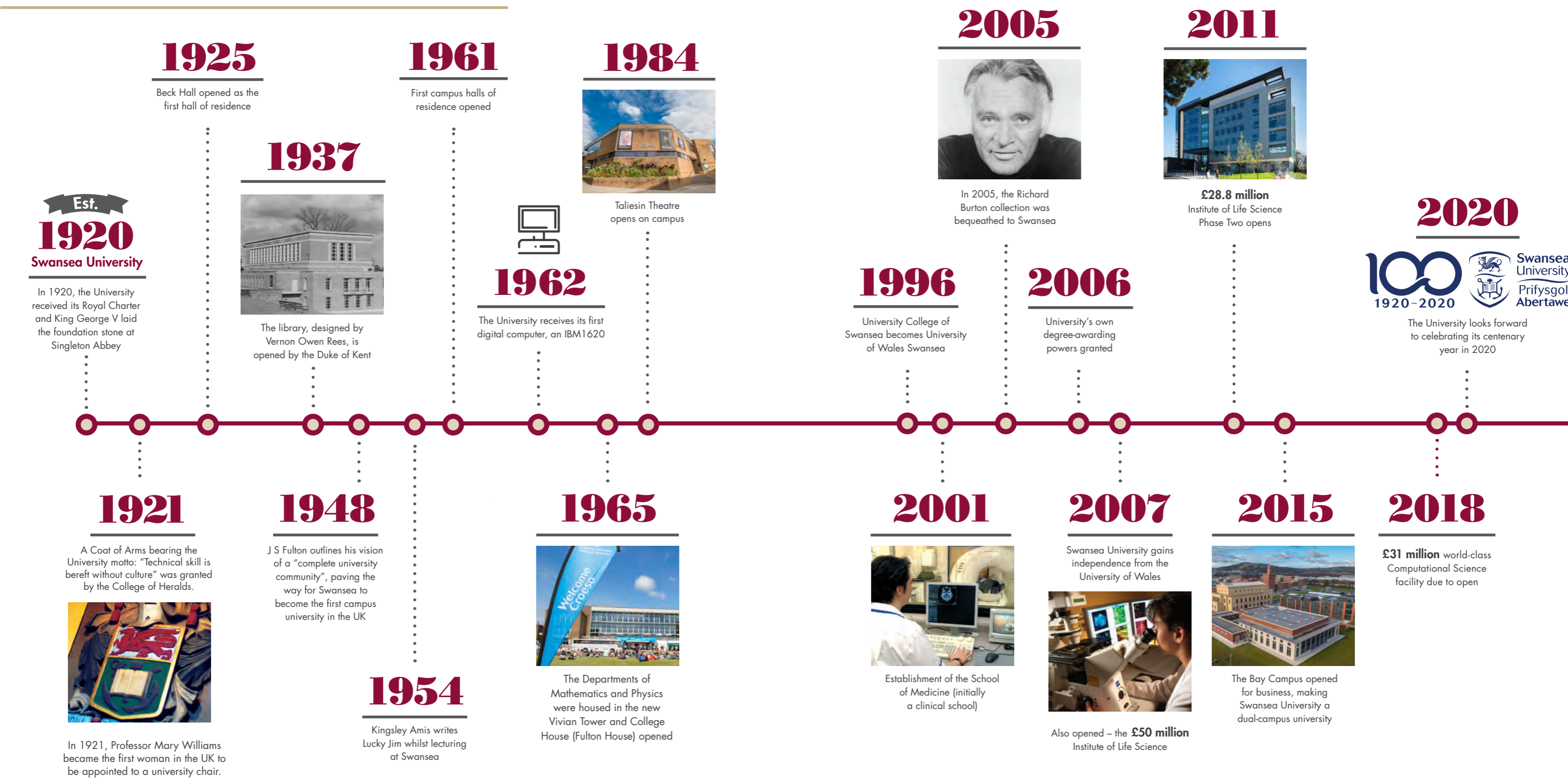
(Research Excellence Framework 2014-2021)

3-8 November 2018
**SWANSEA
SCIENCE
FESTIVAL**

Swansea Science Festival is the largest festival of its kind in Wales and acts as a platform to showcase our inspiring research from across the University in the region

 swansea.ac.uk/swanseasciencefestival

MAKING WAVES SINCE 1920



THE CITY THAT HAS IT ALL...

A cosmopolitan, friendly, coastal city in an area of 'outstanding natural beauty'



ENTERTAINMENT



SPORT



NIGHTLIFE



ARTS AND CULTURE



EXCELLENT TRANSPORT LINKS,
ONLY 3 HOURS TO LONDON



ACCESS TO MILES
OF BEAUTIFUL
COASTLINE



GET TO KNOW Swansea

Explore

ON YOUR DOORSTEP

On the Gower peninsula you can unwind in the UK's first Area of Outstanding Natural Beauty, relax on award-winning beaches and explore unspoilt countryside, with the Brecon Beacons national park just a 30 minute drive away. The region has some of the UK's best locations for coastal path walks, surfing, cycling, watersports, rock climbing and golf; from the adventure sport enthusiast those that prefer a leisurely stroll on the beach there's something for everyone.

MUMBLES

Birthplace of Catherine Zeta Jones, the quaint village of Mumbles is host to a great variety of shops, cafes, wine bars, pubs and restaurants. Take a stroll and enjoy an ice cream at one of the many parlours dotted along the promenade or grab a bite to eat at one of the new Oysterwharf seafront cafes/restaurants overlooking Swansea bay.

SHOPPING

Shop big high street names as well as independent stores, specialist shops and traditional arcades. You can visit designer boutiques in Mumbles, shop vintage outlets in Uplands or pick up a bargain in Wales' largest indoor market in the heart of the city.



ARTS & CULTURE



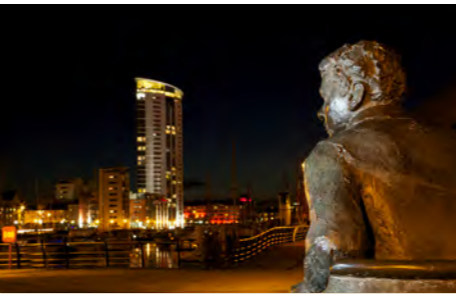
Culture

ARTS

Swansea is a vibrant centre for art and The Glynn Vivian Art Gallery is widely recognised as the city's premier venue for art exhibitions. All national museums and art galleries in Wales are free to enter, so you can soak up our history and take up one of many trips organised by Swansea University's Students' Union.

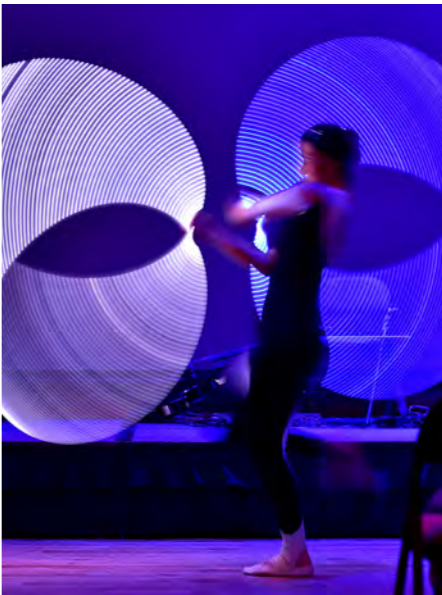
THE TALIESIN ARTS CENTRE

The Taliesin Arts Centre sits at the heart of Singleton Park Campus and hosts regular performances, mainstream and alternative cinema screenings, and the award-winning Egypt Centre, home to a collection of over 5,000 Egyptian Antiquities.



'MORE POETRY IS NEEDED'

The city by the sea has a poetry all of its own. Swansea's most famous son, Dylan Thomas said: "Swansea is still the best" and the poet's legacy is found throughout the city from cafes to pubs to parks.



Entertainment

MUSIC & FESTIVALS

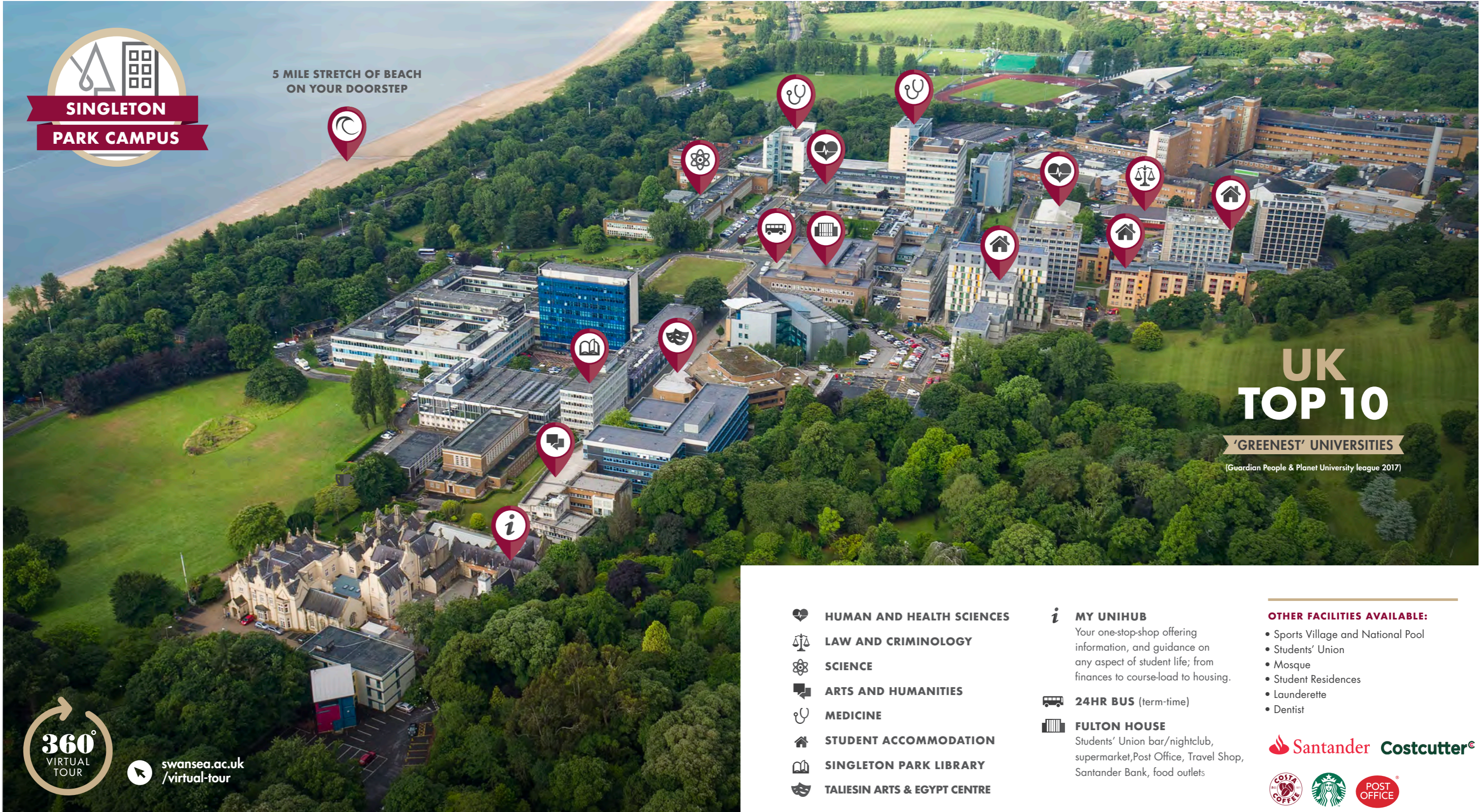
Wales is famed as the 'land of song' and as a student at Swansea University you won't be disappointed by the range of music on offer across the city! Swansea boasts a huge variety of music venues and plays host to a number of music festivals and events throughout the year.



“ I do like a good market, and I am lucky that where I live in the Uplands, we have a monthly market where local growers, producers, farmers and caterers sell their wares. This is a cute little market, so if like me you love food and trinkets then give it a visit! ”

Joanna Walton,
PhD student blogger

 studentblogs.swan.ac.uk



5 MILE STRETCH OF BEACH
ON YOUR DOORSTEP

UK
TOP 10

'GREENEST' UNIVERSITIES

(Guardian People & Planet University league 2017)



swansea.ac.uk
/virtual-tour

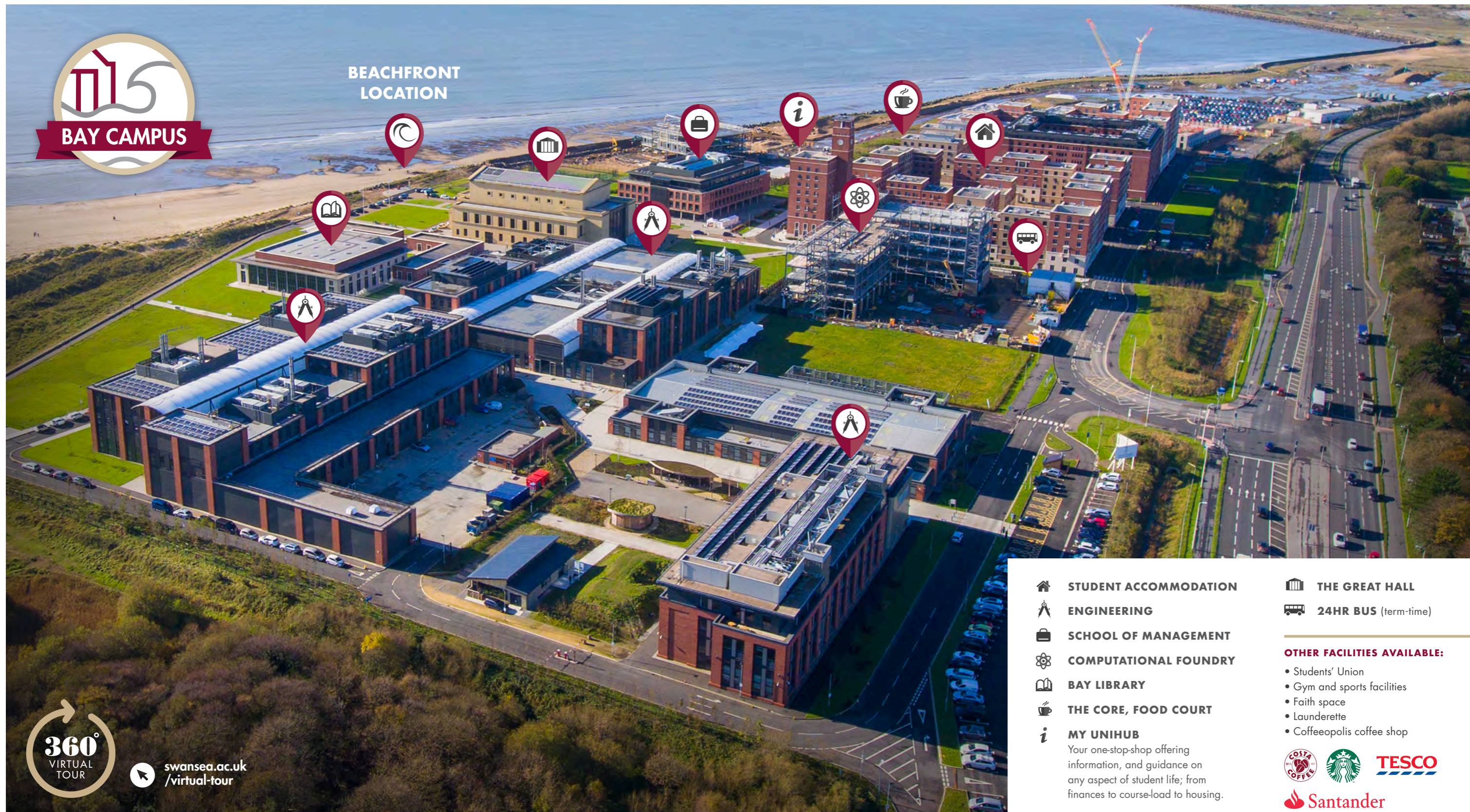
- HUMAN AND HEALTH SCIENCES
- LAW AND CRIMINOLOGY
- SCIENCE
- ARTS AND HUMANITIES
- MEDICINE
- STUDENT ACCOMMODATION
- SINGLETON PARK LIBRARY
- TALIESIN ARTS & EGYPT CENTRE

- MY UNIHUB**
Your one-stop-shop offering information, and guidance on any aspect of student life; from finances to course-load to housing.
- 24HR BUS** (term-time)
- FULTON HOUSE**
Students' Union bar/nightclub, supermarket, Post Office, Travel Shop, Santander Bank, food outlets

OTHER FACILITIES AVAILABLE:














- Sports Village and National Pool
- Students' Union
- Mosque
- Student Residences
- Launderette
- Dentist





BAY CAMPUS

BEACHFRONT
LOCATION

-  **STUDENT ACCOMMODATION**
 -  **ENGINEERING**
 -  **SCHOOL OF MANAGEMENT**
 -  **COMPUTATIONAL FOUNDRY**
 -  **BAY LIBRARY**
 -  **THE CORE, FOOD COURT**
 -  **MY UNIHUB**
Your one-stop-shop offering information, and guidance on any aspect of student life; from finances to course-load to housing.
 -  **THE GREAT HALL**
 -  **24HR BUS** (term-time)
- OTHER FACILITIES AVAILABLE:**
- Students' Union
 - Gym and sports facilities
 - Faith space
 - Launderette
 - Coffeeopolis coffee shop
- 

MAKE YOURSELF AT HOME

When you choose to continue your studies with a postgraduate qualification, selecting a course is just one part of choosing the place where you will live, study, and call home.

Postgraduate accommodation is provided at four residences: Bay Campus, Singleton Park Campus, Beck House in the nearby Uplands area, and Hendrefoelan Student Village. Tenancies are mainly offered on a fixed, 51-week basis although we are also able to offer some designated postgraduate flats on a 40-week tenancy at the Student Village and Bay Campus respectively.

LIVING ON CAMPUS

Living in Singleton Park or Bay Campus residences puts you right at the centre of university life. Self-catering accommodation comprises fully-furnished, en suite and standard rooms with a shared kitchen and dining area – ideal for helping you to settle into student life quickly and easily.

+44 (0)1792 295101

accommodation@swansea.ac.uk

LIVING IN THE STUDENT VILLAGE

Approximately two miles from campus is the Hendrefoelan Student Village. The Village provides self-catering accommodation and shared facilities in flats for seven. If you choose to live in the Village, you will have your own room at an affordable rate that compares favourably with private sector accommodation. Student life at the Village is sociable, supportive and you will benefit from:

- On-site launderette
- Convenience shop
- A free bus pass

 swansea.ac.uk/accommodation

FAMILY ACCOMMODATION AT BECK HOUSE

We have a number of family flats at our designated quiet residence, Beck House, approximately a mile from campus in the popular area of Uplands. Due to the 51-week tenancies, this accommodation is mostly suitable for postgraduate and international students.



 Look inside
swansea.ac.uk/accommodation

KEY POINTS

- Free wi-fi
- Rooms are single occupancy only (exception being Beck House family flats and a small number of twin rooms on the Bay Campus)
- Adapted rooms are available for students with special requirements, including wheelchair users. Contact the Disability Office for further information
- 24/7 launderette facilities



£89 **Average weekly rent**
(3rd most affordable UK university town) *totallymoney.com 2018*



Meal for two
£22



£30/month
Student bus pass
(unlimited travel)



£6 **Singleton Park**
Campus to City Centre



£18.75 **Monthly gym membership**
(University Sports Village)


WHAT WILL I BE CHARGED?


The rent you pay will depend on the residence and room you choose:


RESIDENCE	TYPE OF ROOM	WEEKLY RENT*
Student Village	Standard	£91
Singleton Park Campus	En suite Standard with catering card	£142 – £147 £134
Beck House	Standard En suite Family flat	£104 £120 – £130 £165 – £200
Bay Campus	En suite	£144
Private Housing	Standard	£65 – £120


* These fees are for the academic session 2018–19. Please note that rates for 2019 entry will be published on our website as soon as they are confirmed.


BAY CAMPUS FACILITIES



Students' Union



Dining Hall



Mini Market


Launderette



Bank



Cafe Bar



Great Hall



24hr Security


SINGLETON PARK FACILITIES



Taliesin Arts Centre



Health Centre



Post Office



Dentist & Doctor



Launderette


Students' Union


Mini Market


Bank



Clothing Outlet


24hr Security

FINDING THE PERFECT PRIVATE SECTOR HOME

You'll be please to know that there's a good supply of quality private sector student houses and flats in Swansea. Our letting agency, Student Accommodation Services (SAS) manages 130 properties in the popular areas of Brynmill, Uplands and Sketty which are mostly within two miles of the campus and in St. Thomas and Port Tennant, close to the Bay Campus. These areas are also close to local facilities such as shops, bars and takeaways.


Our online, searchable database, Studentpad, is invaluable. It allows you to locate other available housing in the area and takes the effort out of house-hunting.

 check out our online database of private accommodation:
swanseastudentpad.co.uk/accommodation



 SHHH!

We also have some areas that are quiet and alcohol free



If you speak Welsh, we have designated accommodation set aside for Welsh speakers to live together

Santander Bike Scheme

AVAILABLE 24hr 365 DAYS A YEAR

PAY AS YOU GO MEMBERSHIP SCHEME

The brand new Santander Cycles Swansea University scheme allows you to cycle at your leisure, by hiring (pay as you go, or annually) one of the 50 bikes based at five hubs along the city's main cycle route, connecting Singleton and Bay campus.

Find out more and register:
santandercycles.co.uk/swansea



A woman with long, curly brown hair, wearing a grey blazer over a black top, stands in front of a presentation screen. The screen displays social media icons (Twitter, Facebook) and text including 'Online Community', 'Political Ideology Propagation', and 'Radicalisation of groups / networks'.

#SwanseaUni Pioneer

**"I believe that collaboration
is the key to change."**

DR LELLA NOURI CRIMINOLOGY LECTURER

“It’s vital we understand the growing spread and reach of far-right extremist groups online. Only then will we get the chance to stop the growth of hate speech and action by these groups.

In today’s world, it’s hard to ignore the growing presence of extremism. That’s why it’s vital we uncover why far-right extremist groups have such a significant online presence and why their message is being so widely shared. Only then will we get the chance to stop the growth of hate speech and action by extremist groups online. Right now, I’m leading a team that’s examining how and why far-right terrorist groups use the internet to spread their message as well as how these groups differ. And thanks to its interdisciplinary focus, I truly believe Swansea is the only place I could carry out my research.

The Hillary Rodham Clinton School of Law has an extensive network, and fantastic industry links – something that has really helped move my research along. But the real beauty of this university is that you never feel confined to one department. Everyone here works together in a way that is truly unique to Swansea. On this project alone, I’ve been lucky enough to work with Swansea University-based experts who study how language is used by extremists to disseminate their messages.

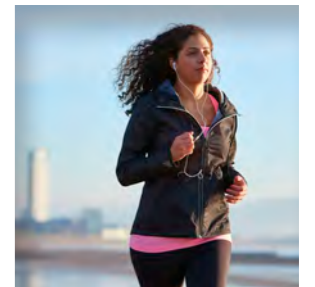
Once I’d gained a Master’s degree in International Relations and a PhD in Politics, ‘my interest in terrorists’ uses of the internet’ really took off. Then, after working as a Criminology Tutor, I took up a permanent position as a Criminology Lecturer at Swansea in 2015. This particular area of research kick-started after a conversation I had with counter-terrorism experts. They wanted to know more about how far-right groups’ use of social media translates to violence on the ground. And this is what I’ve been dedicated to uncovering ever since.

Today, our research is already having an impact. The work of the Cyberterrorism Project has been sent to NATO and the Home Office, so our opinions are being heard by the correct people. But to make sure any future terrorism research is as impactful as possible, we need a more balanced perspective. This particular field is still heavily male-dominated, so we really must encourage more women to get involved – to help shine a new and much-needed light on this vital area of research.

My dream is that one day, what we do will change how we understand extremism and improve the ways we prevent violent behaviour. And I know this will happen faster if more people are approaching the problem in a collaborative, interdisciplinary way.”



**LEARN MORE ABOUT
LELLA’S STORY:**
swansea.ac.uk/makingwaves/lella







GWYN ALED,
SU President 2018 – 2019



**SWANSEA
UNIVERSITY
STUDENTS'
UNION**

**UNDEB
MYFYRWYR
PRIFYSGOL
ABERTAWE**

Swansea University Students' Union is a registered charity which was first started way back in 1920 – the same time as the University opened.

We've grown a bit since then, now acting as the voice for almost 20,000 students.

We work across both Bay and Singleton campuses, have four shops, three bars and run over 280 events for students every year. Our main priority is making sure that Swansea University students have the best time at university; to do this, we work with the University on your welfare, education and everyday experience.

“ Swansea University's Students' Union is run by a team of five elected full-time officers, 17 part-time officers and a team of dedicated staff and volunteers. We are a democratic organisation separate from the University and every Swansea Uni student is automatically a member of the Union. It doesn't matter if you're full-time or part-time, an undergraduate or postgraduate – our job is to represent YOU!

Whether it's by joining a sports club or society or by meeting people at one of our events and socialising in our venues – we're here to help you have the best time at Swansea University! We put students at the heart of everything we do and we strongly believe that you should be the main driver of our policies and help us shape the direction of the Union and University.

So make sure you check us out and see how we can make your University life even better! ”

FOOD ON CAMPUS

- You can enjoy a range of delicious hot and cold food on campus serving meals from breakfast to dinner, with a good choice of vegetarian and vegan options
- Grab a coffee or snack at one of several coffee shops located on each campus
- Buy your essentials in our mini supermarkets located on each campus



THE UNION OFFERS:

- Entertainment and events on and off campus including Freshers' week, Summer Ball and Varsity
- Student newspaper, television station and radio station
- Bars on campus and at the student village
- An independent Advice and Support Centre – covering everything from landlords to academic disputes
- Student representation to the University, making sure the student voice is heard at every level!



THINK SPORT... THINK SWANSEA

At Swansea we pride ourselves on our dedication and commitment to sport and active living. 'Sport Swansea' encompasses all areas of sport and recreation, welcoming every level of sporting ability.

We have strong links with many sporting teams and governing bodies including Swansea City FC and professional rugby regions, the Ospreys and the Scarlets.

The New Zealand All Blacks used our Sports Village as a training ground for the Rugby World Cup in 2015, we have hosted Paralympics teams from Mexico and New Zealand and also hosted the 2014 IPC European Athletics Championships.



SINGLETON PARK SPORTS FACILITIES

Swansea University Sports Village, located just across the road from Singleton campus:

50m National Pool, University Gym; Squash Courts; Fitness and Spin Studios; multi-purpose Sports Hall; Physiotherapy Clinic and a Soft Tissue Therapy Clinic.

Outdoor facilities include Tennis Courts, Playing Fields, Athletics Track and Field, Sports Pavilion and Astro turf Pitches.

THE WALES NATIONAL POOL

Wales' National 50m Pool is perfect for a few relaxing lengths or something more competitive; previously home to one of British Swimming's High Performance Centres and used as a training base for two international Paralympic teams.

BAY CAMPUS SPORTS FACILITIES

The Bay Campus features a full height Sports Hall that can accommodate basketball, badminton, netball, volleyball, fencing and archery.

There is also a fully equipped gym with a functional room for spin and kettlebells.

Other sporting facilities and services include:

- A floodlit multi-use games area and half basketball court
- Training pitches
- Programmes of beach sports such as rugby, beach soccer, volleyball and beach tennis
- Instructor-led watersports programme in stand-up paddleboarding (SUP) and kayaking
- Cycle hire, exercise and jogging routes

This, together with the Wales National Pool and our coastal environment, means Swansea has one the best water sports offerings of any British University.



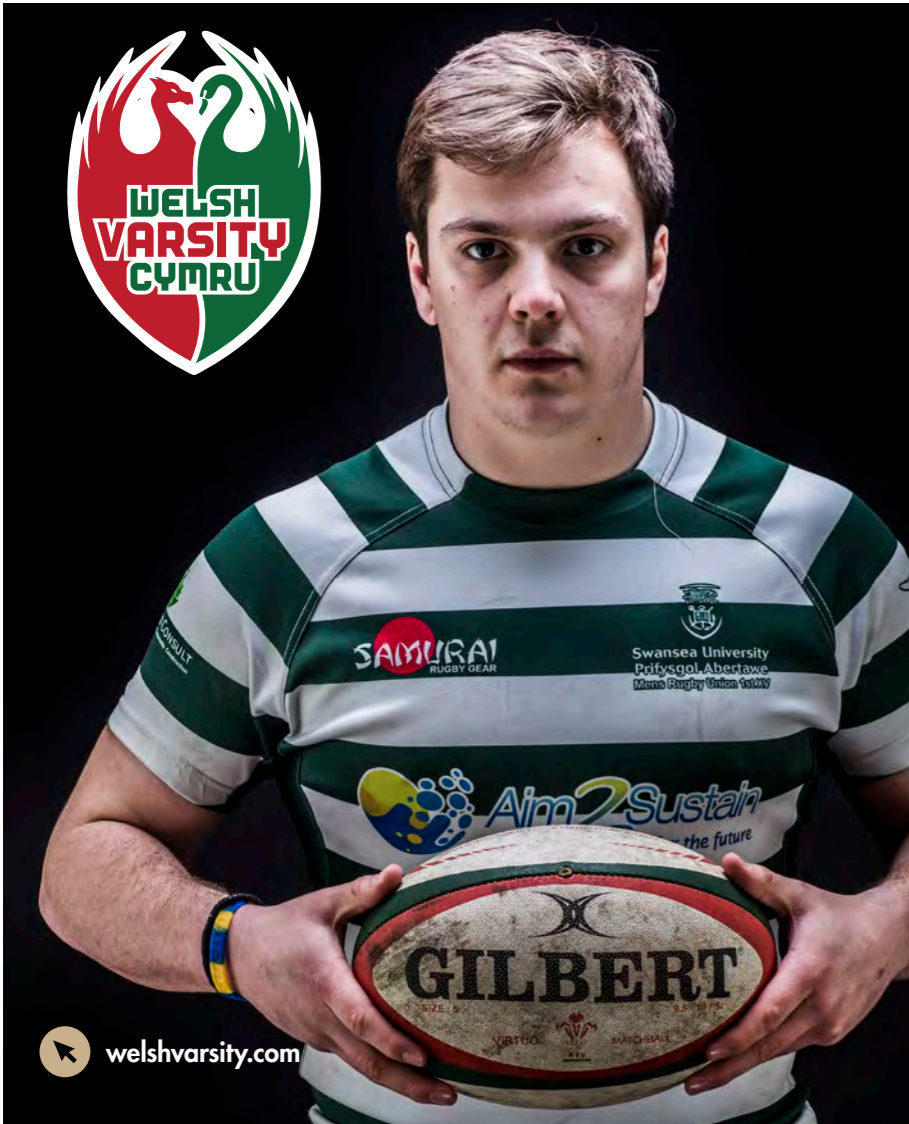
SWANSEA SPORTING HEROES

The Welsh Varsity Challenge is the biggest student event in Wales, and is the second largest of the British Varsity Games, behind Oxford/Cambridge.

Varsity sees Swansea University and Cardiff University compete in over 25 different sports, from basketball, rowing, golf, and hockey to fencing, squash, and Ultimate Frisbee. The competition culminates in the showpiece rugby match, which in 2018 took place in front of a crowd of over 30,000 on Swansea's home turf at the Liberty Stadium.

Many students have gone on to represent and gain contracts with semi-professional and professional clubs on the back of great performances in the Welsh Varsity match.

Previous teams fielded by Swansea University have included Welsh internationals Alun-Wyn Jones, Richie Pugh and Dwayne Peel.



SPORTING ALUMNI

- Daniel Caines – Athletics, GB (Olympics)
- Jazz Carlin – Swimming, GB (Olympics)
- Jo Crerar – Lacrosse, England
- Adrian Dale – Cricket, England
- Georgia Davies – Swimming, GB (Olympics)
- Megan Davies – Tae Kwon Do, GB
- Jacob Draper – Hockey, Wales and GB
- Dewi Griffiths – Athletics, GB
- Robert Howley – Rugby, Wales, British and Irish Lions
- Liz Johnson – Paralympic Swimming, GB (Olympics)
- Alun Wyn Jones – Rugby, Wales, British and Irish Lions
- Dafydd James – Wales, British and Irish Lions
- Daniel Jones – Hockey, Wales
- Siwan Lillicrap – Rugby, Welsh Women
- Katrina Lowe – Karate, England
- Dyfrig Mon – Sailing, GB
- Phillipa Roles – Athletics, GB (Olympics)
- Alys Thomas – Swimming, Wales

SPORTS SCHOLARSHIPS

We are proud to have fostered some of the highest level of sporting talent at Swansea University.

We look for students who have demonstrated outstanding ability in their sport and offer, four different levels of scholarship*:

UP TO
£1,000

PROFESSIONAL ATHLETE

UP TO
£3,000

ELITE ATHLETE

UP TO
£2,000

BUCS

UP TO
£2,000

SPORTING EXCELLENCE

 swansea.ac.uk/scholarships

* Per Annum Conditions Apply

“ The Sports Scholarship at the University allowed me to pursue two career paths simultaneously. I fondly remember my time at Swansea and particularly a Varsity win. In the future, knowing a career in sport doesn't last forever, I won't rule out returning to further my qualifications. ”

ALUN-WYN JONES,

British and Irish Lions, Wales and Ospreys player and Swansea graduate



Champion

#SwanseaUni

“The medical profession needs doctors with fighting spirit.”

ALEX RUDDY

GRADUATE ENTRY MEDICINE STUDENT

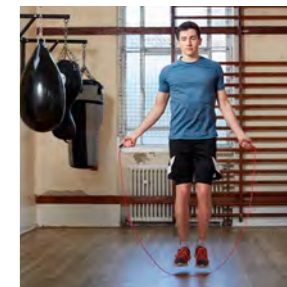
“Now more than ever, in the face of crippling demands and severe budget cuts, the medical profession needs doctors with fighting spirit. Ones who will fight for their patients, and for a system that’s supported us for decades. This is the type of doctor Swansea University is turning me into.

It might be tough, but pursuing medicine is infinitely rewarding. Every patient you treat has their own unique story. And as their doctor, you have the privilege of guiding them through whatever uncharted territory they’re in. To me, making such a positive impact on people during the most vulnerable moments of their lives is the greatest honour there is.

Of course, the training is intensive. And I’m so grateful to the tutors at Swansea University for recognising this, and encouraging me to de-stress before I burn out. That’s where my other love comes in – boxing. Though it’s not a sport the medical profession completely approves of, I’ve found it to be a great way to blow off steam.

Ever since I was an undergraduate, I’ve been in love with boxing. I even became a coach in my second year, and I’m passionate about taking it further, both during and after my training. The sport is also very much a part of the Welsh Varsity, and being able to compete at such a high level is a real thrill.

I don’t believe boxing is something that should be discouraged – I say there’s a real need to have medics involved in the sport, so we can make sure it’s being practised safely. I couldn’t have found such a strong work-life balance if it weren’t for my tutors’ encouragement. And I truly believe my passion for boxing helps me achieve this balance, and will help me be the best doctor, and person, I can be.”



LEARN MORE ABOUT
ALEX’S STORY:
swansea.ac.uk/makingwaves/alex

SWANSEA SCIENCE FESTIVAL

3-8 November 2018

CELEBRATE YOUR RESEARCH

We want you to feel part of a thriving research scene. The University has a number of creative and supported platforms to showcase your research.

SWANSEA UNIVERSITY IN THE COMMUNITY

You can get involved in many ways with our public engagement programme in the local community; we host an annual Science Festival, the largest one of its kind in the whole of Wales, and support a programme of talks and lectures throughout the year with Oriel Science. The University also supports and delivers numerous UK wide initiatives such as the Being Human Festival, Pint of Science, Soapbox Science and the Three Minute Thesis (3MT).

We also have the Research Institute for Arts and Humanities (RIAH) which brings together academics, postgraduates and visiting national and international scholars to create a rich and vibrant research environment geared to international excellence and impact.

90% RESEARCH
INTERNATIONALLY EXCELLENT
FOR IMPACT

(Research Excellence Framework 2014-2021)



CAPTURING THE DIVERSITY AND BEAUTY OF RESEARCH

RESEARCH AS ART

How do you communicate research to a variety of different audiences? Research as Art is a unique competition that celebrates the diversity and beauty of research at Swansea University. This is an opportunity for all researchers from

undergraduate to professor to showcase their research to the world, by providing a brief, captivating description and image.

The exposure for winners can be huge, previously achieving a reach of over 50 million people worldwide through press coverage of the project.

**OVERALL
WINNER
2018**

'CRAB BLOOD AND COLLABORATIONS'

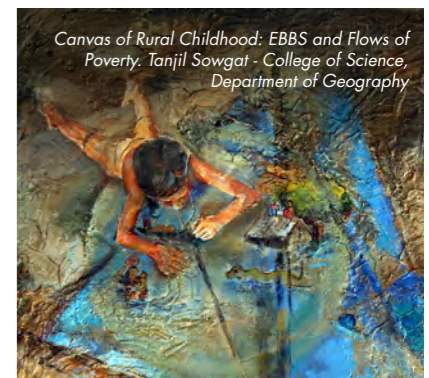
by Frances Ratcliffe, *The Bluefish Project* (Swansea) College of Science, Department of Biosciences

“Starting a PhD is daunting, not least because it requires me to focus on one particular subject when I am fascinated by so many. However, the collaborative nature of BlueFish project, of which I am a part, allows me to keep an open mind, to keep curious.

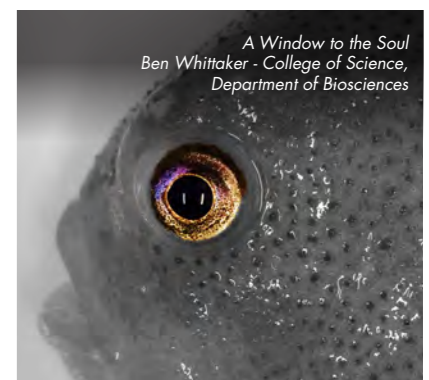
An example of this occurred when Professor Andrew Rowley showed me this image of crab blood parasites. I was struck by the beauty of the crystalline blood cells and jewel-like parasites, and also by Andrew's enthusiasm for explaining almost a hundred photos to me despite the fact I'm not his student and I am not required to learn about this area.”



The Man Engine Stuart Griffin - College of Art and Humanities



Canvas of Rural Childhood: EBBS and Flows of Poverty. Tanjil Sowgat - College of Science, Department of Geography



A Window to the Soul Ben Whittaker - College of Science, Department of Biosciences

WORKING TOGETHER IN PARTNERSHIP

Swansea University was founded on the principles of innovation and collaboration.

For almost one hundred years, Swansea University has worked alongside thousands of private, public and voluntary sector organisations and developed focused links with institutions across the globe.

We use our expertise and our global reach to drive economic prosperity and enrich the regional community and are proud of our significant impact, made possible through long-term partnerships between academia and industry.

OUR COMMERCIAL PARTNERSHIPS

Swansea University has strong and long standing links with commercial and industrial partners across a range of sectors including:

AIRBUS

TATA STEEL



FUJITSU



ERICSSON



BAE SYSTEMS

Through our strong partnership 'ethic' which allows us to work effectively with organisations, we can provide our postgraduate students with opportunities to undertake work placements, funded research collaborations and industry-led postgraduate research training.

FOR MORE
INFORMATION
CONTACT:

study@swansea.ac.uk



TAKE ADVANTAGE OF OUR STRATEGIC PARTNERSHIPS WITH OTHER ACADEMIC INSTITUTIONS

Swansea University has prestigious strategic partnerships with other Universities such as the University of Texas, Austin and Houston and the pioneering partnership with Université Joseph Fourier in Grenoble which focuses on areas such as medicine, computer science and energy.

By working with leading global universities on collaborative research, staff and student exchange programmes and teaching partnerships Swansea University can offer opportunities such as student mobility, prestigious Erasmus Mundus programmes and joint PhD programmes.

THINKING ABOUT YOUR FUTURE

INSPIRATIONAL TEACHING AND LEARNING

The QS system evaluates the performance of universities over a number of areas and gives a star rating, with 5 stars the highest achievable. It is an independent evaluation system and is intended to recognise excellence in higher education.

Our excellent teaching is underpinned by the groundbreaking research taking place across the Colleges. All of our courses benefit from being at the cutting edge of any new developments and are closely aligned to industry, ensuring our graduates are well-equipped for their future careers.

EMPLOYABILITY: CAREER DEVELOPMENT AND ENTREPRENEURSHIP

One of the University's primary aims is "to prepare and promote the employability of our students".

The Swansea Employability Academy provides an essential function linking business and industry to our talented students and creating networking opportunities that have real impact.

Our academic programmes provide engaging learning opportunities that enable our students to acquire knowledge, skills and understanding that employers and businesses value. We tailor our courses to make sure that you gain those professional and

high-level skills that will enable you to thrive in today's competitive world. Wherever possible, courses are also accredited by professional bodies.

Our long history of working with business, industry, commerce and the public sector enables us to add real value to your education. We work with employers to provide a range of placement and experiential opportunities that support our students to achieve the outcomes they are looking for following graduation.

FIND OUT MORE

 swansea.ac.uk/sea



GO GLOBAL

GLOBAL OPPORTUNITIES WITH SWANSEA UNIVERSITY

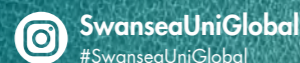
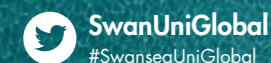
Swansea University recognises that enhancing its future graduates' employability has never been more important.

As more and more businesses recruit from a global talent pool, it is vital that you stand out from the crowd with additional experiences and skills.

Employers acknowledge the value of international experience, and students who spend time abroad develop and demonstrate the qualities and skills that employers seek: global and intercultural awareness, maturity, confidence and adaptability to new environments and challenges.

FIND OUT MORE

swansea.ac.uk/goglobal
swansea.ac.uk/interactive-map
swansea.ac.uk/goglobal/funding



STUDYING AND WORKING ABROAD:

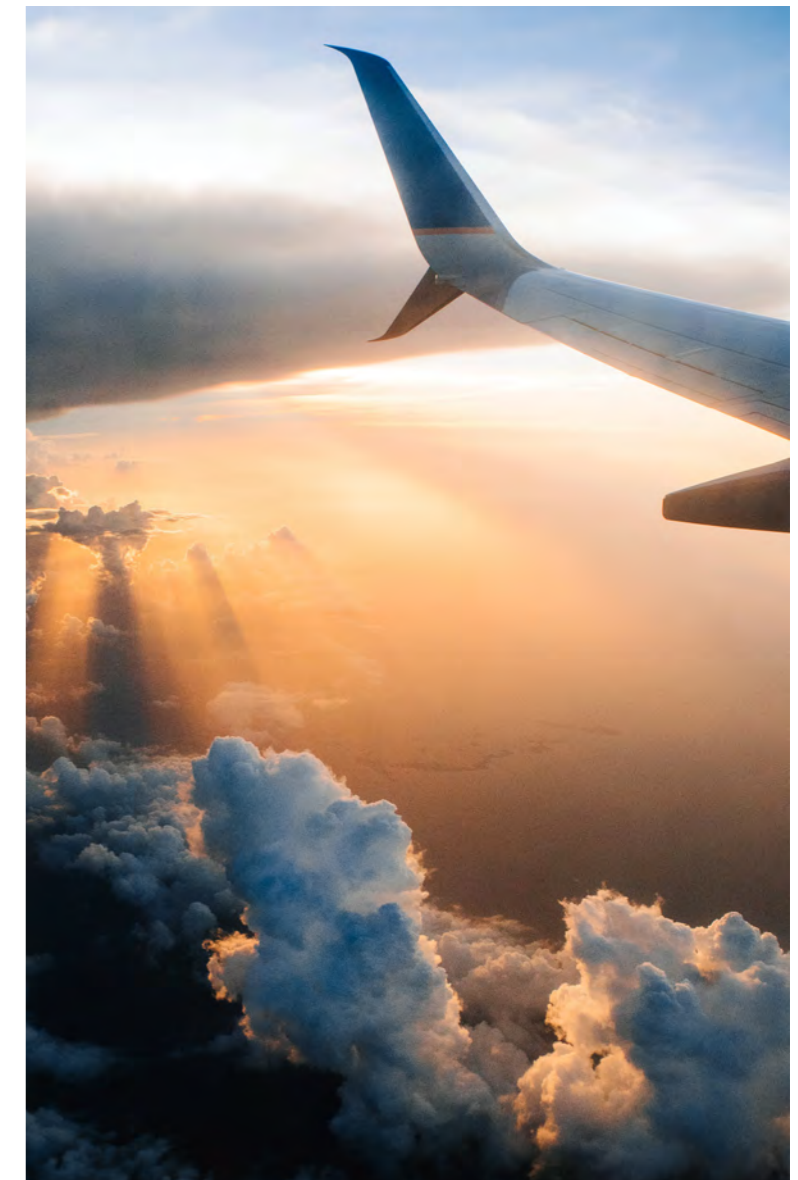
- rewards you with an international outlook and experience
- enables you to gain confidence and become more self-reliant
- helps you develop independence and initiative

Swansea University currently has links with more than 150 partner universities across Europe, Asia, Australasia and North America. Many links have been established by individual academic colleges and departments, so you should speak with your department to discuss the opportunities that are available to you as a postgraduate student.

SUMMER AND SHORT PROGRAMMES

As a Postgraduate student at Swansea University, you may consider gaining experience abroad through one of our Summer Programmes. These programmes are in addition to your degree and require academic approval. Current destinations include China, India, North America, Japan, Africa, Australasia and Europe. Programmes and costs vary each year – please visit our website for the latest information: swansea.ac.uk/summerprogrammes

A Summer or Short programme is a great way to gain international experience whilst greatly enhancing your interpersonal and transferable skills and improving your employability. You will have the opportunity to immerse yourself in a different culture, whilst making lifelong friends and memories.



STUDENT EXPERIENCE



NATALIE PITTMAN

Natalie Pittman studied an Extended Master's in International Relations and spent a semester abroad in The Bush School at Texas A&M University.

“What a great opportunity it was to take the Extended Master's which has enabled me to study abroad at the Bush School Texas A&M. It has been an incredible experience as the Bush School boasts one of the best International Relations courses in American public schools. Not only has this opportunity furthered my career opportunities but it has allowed me to study my course from a different perspective. I have thoroughly enjoyed every minute of my course and I am so glad I chose to further my study here at Swansea University.”

Campaigner

#SwanseaUni

**"I hope my passion will help inspire
a new generation."**

ELINOR MELOY

ZOOLOGIST, ECOLOGIST

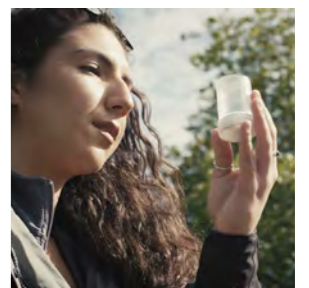
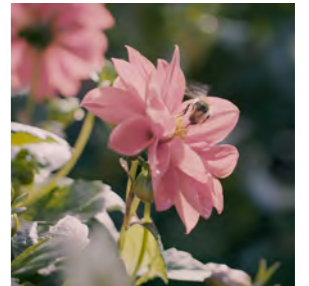
“ My passion is bees. A lot of zoologists come into the subject wanting to study large, “exciting” animals but once I started watching bees I never looked back.

The more I learned about bee ecology and the intricacy of their lives the more fascinated I became. Bees influence our diet, our environment and even our culture. Bees are also an umbrella species. By protecting them we protect entire ecosystems – from wildflowers and other insects to birds and mammals. Without that protection we put them all and ourselves at risk.

My research on insect pollinators is already making a difference but I want to do so much more. My undergraduate research helped persuade one council to change its policy on mowing regimes. Now it mows verges less often and sows more wildflowers. For my Masters in Research I am studying how pollinators use wildflower areas in the cities of south Wales.

However, I believe educating children on the importance of insect pollinators is just as vital to their successful conservation. My tutor put me in contact with the International Bee Research Association and I helped develop its free teaching pack for primary schools. I also helped champion its cause in the science tent at the National Eisteddfod. I hope my enthusiasm and passion gained at Swansea University will help inspire a new generation to look at things in a different way; to value plants and animals that otherwise may be deemed as insignificant and preserve habitats as we are not the only ones who use them.

My dream is to get a PhD and become a research ecologist. I want my findings to influence lawmakers to do more to protect insect pollinators and their habitats. And that really could change the world. ”



**LEARN MORE ABOUT
ELINOR'S STORY:**
swansea.ac.uk/makingwaves/elinor



OUR INTERNATIONAL COMMUNITY

We have a thriving international community with students from all over the world choosing to study with us. The vibrant mix of nationalities and cultures on campus greatly enriches our learning and teaching environment.

We understand the type of support our international students need to settle into student life in a new country and strive to provide a high level of advice and service to make sure that this happens.

SCHOLARSHIPS

Swansea University offers a range of scholarships for international students. We are proud to support the Chevening Scholarship Programme and we are honoured to be part of the Santander Network of Universities. We recognise the ambition and talent of many international students and offer International Merit (up to £2,000) and International Excellence (up to £4,000) scholarships for Postgraduate study. For details of all our international scholarship opportunities, please visit:

➤ swansea.ac.uk/international-scholarships

DEVELOPING YOUR LANGUAGE SKILLS

If you think you need to improve your English language skills before starting your studies, or if you need support with the English language while studying with us, our English Language Training Services (ELTS) offers a range of British Council accredited programmes to help you achieve your academic goals.

For further information, please contact the English Language Training Services (ELTS):

Tel: +44 (0)1792 295391

Email: elts@swansea.ac.uk

➤ swansea.ac.uk/elts

INTERNATIONAL@CAMPUSLIFE

International@CampusLife provides information and advice on non-academic matters, including immigration advice and services, to all international (non-UK) students and their dependants.

We support all non-UK students regardless of nationality, religion, gender, age, sexual preference or health status. Advice is offered free of charge and without discrimination.

For further information, please contact:

Tel: +44 (0)1792 606557

Email: international.campuslife@swansea.ac.uk

➤ swansea.ac.uk/international-campuslife

WELCOMING YOU TO THE UK

We run a Meet and Greet service from London's Heathrow Airport, and provide all new international students with a full orientation programme to help them get to know the University, Swansea and the region. More information about our services for new students can be found at:

➤ swansea.ac.uk/international

TUITION FEES

If you are an international student, the fee you will be charged depends on your home country and what you choose to study. You will find the tuition fee clearly displayed on each postgraduate course page on our website:

➤ swansea.ac.uk/postgraduate/taught

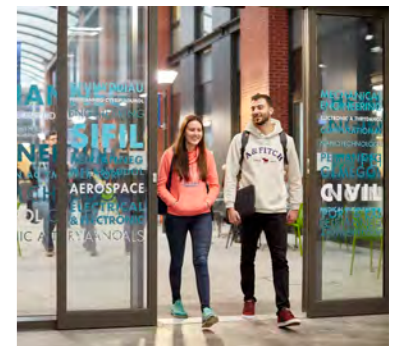
HOW TO APPLY

Please see Page 146.

 [swanseauniversityinternational](https://www.facebook.com/swanseauniversityinternational)

 [swansealDO](https://twitter.com/swansealDO)

 [Swansea University: International Development Office](https://www.youtube.com/SwanseaUniversity)





Swansea University
Prifysgol Abertawe

The College
y Coleg

POSTGRADUATE PATHWAYS

POSTGRADUATE PATHWAYS FOR INTERNATIONAL STUDENTS

A postgraduate pathway is a single course comprising two stages of study. Successful completion of both stages leads to a Master's degree from Swansea University.

The College, Swansea University offers academic pathways in partnership with Swansea University that lead to postgraduate degrees. Our unique approach to education transforms international students into Swansea University graduates and lifelong learners. Innovative courses are delivered by highly qualified teachers in a modern, dynamic environment, supported by our friendly team.

PRE-MASTER'S

This is stage one of the postgraduate pathway. It is one, two, three or four semesters long, depending on your chosen pathway and qualifications (English language and Academic) at the point of entry.

This programme is available in the areas of; Languages, Politics and Culture, Engineering, Health Science, Child Development, Business Management, Accounting and Finance, and Computer Science. Designed to prepare international students who do not qualify for direct entry to Swansea University Master's degrees, the Pre-Master's programme allows you to adjust to the rigorous research and independent study requirements of a postgraduate degree.

The Pre-Master's programme will:

- help you develop fundamental knowledge and an understanding of the basic principles relevant to your particular degree
- help you develop numerical techniques, research methodologies and ICT, presentation and communication skills
- help you develop your intellectual and practical skills building to a set of transferable skills that will support you in your onward academic studies /careers and decision-making

- ensure you have attained the prescribed level of interdisciplinary language competence.

MASTER'S

The Master's degree is stage two of the postgraduate pathway, and is taught by Swansea University.

The postgraduate pathway is designed for students who:

- Require additional English language training
- Come from an academic background different to that of the UK and do not meet university direct-entry requirements
- Have been away from studies for a period of time
- Are looking to fine-tune skills already gained during their undergraduate studies or employment.

Stage	Pathway	Duration	Fees	Intake points and minimum IELTS required to directly enter the pathway
1	Pre-Master's in Accounting and Finance, Business and Management (Academic modules)	One semester	£10,500	January, June IELTS 6.0 (5.5)
1	Pre-Master's in Accounting and Finance, Business and Management (Academic and English modules)	Two semesters	£13,500	September, January IELTS 5.5 (5.0)
1	Pre-Master's in Accounting and Finance, Business and Management (Academic and English modules)	Three semesters	£16,500	September, June IELTS 5.0 (4.5)
1	Pre-Master's in Accounting and Finance, Business and Management (Academic modules)	Two semesters	£13,500	September, January IELTS 6.0 (5.5)
1	Pre-Master's in Computer Science (conversion)	One semester	£10,500	January, June IELTS 6.0 (5.5)
1	Pre-Master's in Computer Science	Two semesters	£13,000	September IELTS 6.0 (5.5)
1	Pre-Master's in Child Development, Health Science and Informatics (conversion)	One semester	£10,500	June IELTS 6.0 (5.5)
1	Pre-Master's in Languages, Politics and Culture	Two semesters	£13,000	September IELTS 6.0 (5.5)
1	Pre-Master's in Engineering	Two semesters	£13,950	September IELTS 6.0 (5.5)
1	Pre-Master's in Child Development, Health Science and Informatics (conversion)	One semester	£10,500	June IELTS 6.0 (5.5)

The language of instruction at The College, Swansea University is English. To attain entry into the postgraduate pathway you must be able to demonstrate you have a suitable level of English proficiency. You can do this by obtaining one of the results shown in the table above, noting that we also accept other equivalent qualifications.

If you do not meet the English language requirement for direct entry to your chosen pathway, you can receive the required amount of English language tuition to prepare you for successful entry at a later date. You can start an English Language course in October, January, April or June. The English language training is provided by Swansea University's English Language Training Services (ELTS).

For further information, and for details of the academic entry requirements and tuition fees, please contact The College, Swansea University:

Tel: +44 (0)1792 602888

Email: The-College-Admissions@swansea.ac.uk
swansea.ac.uk/the-college



TheCollegeSUni



TheCollegeSUni



swansea.ac.uk/The-College



swansea.ac.uk/elts



OUR DEGREES

TAUGHT DEGREES

Postgraduate taught degrees are academically more demanding than undergraduate programmes. They require a higher level of self-directed learning and are awarded to students who demonstrate advanced understanding of a particular subject. Master's degrees are delivered through a combination of taught modules and assessed coursework, and there is an expectation that students will complete an in-depth research project or dissertation.

Taught Master's degrees are generally modular in structure, meaning that students follow a series of taught modules worth a total of 180 credits. 120 credits are gained from taught modules, and 60 credits from the dissertation.

Taught Master's programmes often include research and methodology skills courses and specific departmental training courses, which are essential for students at Master's level and those wishing to go onto higher degrees. Additional specialised training courses are also available during the academic year.

To qualify for a Postgraduate Diploma, students must pursue 120 credits, or 60 credits for a Postgraduate Certificate. (Specific regulations apply – please note that not all programmes offer these exit qualifications.)

CHOOSING A PROGRAMME

The University offers a range of postgraduate taught degrees, including the MA, MSc, and LLM. Students can pursue postgraduate courses in the same subject as their undergraduate degree or, in many cases, outside it. Many of the University's postgraduate courses are multidisciplinary in nature, allowing students to cross boundaries between traditional subject areas and to follow courses outside their first degree subject.

In addition, conversion-style courses available in: Law; Management; Computer Science and Engineering are open to graduates of any subject.

CAN I STUDY PART-TIME?

Master's, Postgraduate Diplomas and Postgraduate Certificates can normally be studied on a full-time or part-time basis in a wide variety of subject areas. You are encouraged to contact the academic department in question before applying.

IS A POSTGRADUATE TAUGHT DEGREE RIGHT FOR ME?

YES, IF YOU WANT TO:

- Prepare for a research degree
- Acquire new and specialised skills
- Enhance your career prospects
- Develop your subject knowledge of your first degree subject
- Study an entirely new subject

RESEARCH DEGREES

Research degrees are academically rigorous programmes that demand in-depth study of a topic for a sustained period of time. The award of a doctorate or other research degree recognises the patience and commitment of successful candidates, the high-level skills they have gained, and their ability to present original research that furthers understanding of the subject matter.

Research students will normally undertake some training in research methods before embarking on their programme of research. They will have an academic supervisor who will advise and support the direction of their research for the duration of the degree, and a co-supervisor will provide additional support as required.

CHOOSING A RESEARCH TOPIC

Research degrees, especially at MPhil and PhD level, are very different from undergraduate and taught Master's programmes as there is no defined list of courses to choose from. MPhil and PhD degrees can be pursued on any academic topic, as long as the College/School you are applying to has the expertise to guide and supervise your study.

You should normally identify a topic area within which you would wish to work and discuss this with the Admissions Tutor for the subject area before making a formal application. Even if you have a more developed research proposal in mind, we recommend that you approach the relevant Admissions Tutor for advice.

Potential applicants are partnered with potential supervisors at an early stage. This relationship is vital to ensuring:

- that you receive the advice and guidance you need to decide whether or not a research degree at Swansea University is right for you
- that the supervisor is enthused and motivated by the topic
- that you move smoothly into an appropriate research group (where applicable)
- that you complete and write up your research within the required timeframe.

WHICH RESEARCH DEGREE?

The University offers a number of research degrees, including:

PhD: PhD students undertake supervised research over three to four years full-time or six to seven years part-time. Research is then presented in the form of a thesis of not more than 100,000 words. The thesis must demonstrate the student's capacity to pursue original research and should represent a distinct and significant contribution to the subject. The first year of registration for a PhD is a period of official probation, requiring departmental assessment before the candidate is allowed to proceed.

MPhil: May be completed in two to three years' full-time study (four to five years part-time). Candidates are required to submit a thesis of up to 60,000 words and assessment is in the form of an oral examination (viva). Subject to academic requirement, there may be opportunities for students to upgrade from the degree to PhD during the course of their studies.

MA/MSc/LLM by Research: Typically one year full-time, two to three years part-time. This is an individual research project written up into a thesis of 30,000 words.

MRes: The aim of the MRes (Master of Research) is to provide relevant training to acquire the knowledge, techniques and understanding needed for a professional career, or for progression to higher academic studies, normally a PhD. The MRes is achieved through a combination of taught modules (worth 60 credits) and a research thesis which presents the outcome of a significant research project (worth 120 credits).

EngD: The Engineering Doctorate prepares Engineering students for research and technology leadership careers in industry and is fully supported by the Engineering and Physical Sciences Research Council. The EngD is a four-year scheme consisting of one year of taught modules followed by an industry-linked research project.

MD: In addition to the PhD, the Medical School offers the postgraduate degree of Doctor of Medicine (MD) through supervised research within individual research groups.

DProf: Typically four years full-time, six years part-time, a Professional Doctorate is a research degree structured around a particular area of professional practice. You will follow a programme of directed study, including periods of approved professional/industrial practice and training, together with a programme of research. Assessment includes a thesis of up to 80,000 words.

The degree ensures that the candidate's profession and workplace interconnect throughout the whole programme, so that research conducted is relevant to their own practice and workplace.

CAN I STUDY PART-TIME?

Part-time study is possible for UK and EU students, but you are encouraged to contact the Academic Department in question before applying. Part-time study is not possible for international students.

ASSESSMENT THROUGH THE MEDIUM OF WELSH

You may present research work in the Welsh language if your supervisors are able to oversee work through the medium of Welsh.

IS A RESEARCH DEGREE RIGHT FOR ME?

YES, IF YOU WANT TO:

- Pursue a career in academia or research
- Explore an individual topic in depth
- Acquire extensive and specialised research skills
- Enhance your career prospects

FUNDING YOUR STUDIES

Swansea University is committed to rewarding its students in recognition of their academic, sporting and musical excellence and have on offer a wide range of scholarships and bursaries to help towards the cost of study.

Income-related bursaries are also available, together with funding towards studying in another country if chosen as part of a degree programme.

For further information, to check your eligibility or make an application please visit:
swansea.ac.uk/postgraduate/fees-and-funding

 swansea.ac.uk/postgraduate/fees-and-funding



FULLY- FUNDED

PHD SCHOLARSHIPS AVAILABLE*

£3,000

EXCELLENCE SCHOLARSHIPS*

£10 MILLION

POSTGRADUATE SCHOLARSHIP*

FUND AVAILABLE

UP TO

£3,000

COLEG CYMRAEG CENEDLAETHOL

SCHOLARSHIP*

£3,000

SPORTING EXCELLENCE SCHOLARSHIP*

£1,000

MUSICAL EXCELLENCE SCHOLARSHIP*

*Terms and conditions apply, please visit
swansea.ac.uk/postgraduate/fees-and-funding

The School of Management offers a collection of programmes in accounting and finance that will provide you with the expertise and knowledge to thrive in a range of dynamic financial and business environments. The first suite of programmes is designed for students with any undergraduate degree who wish to pursue a career in accounting or finance. The second is a suite of advanced MSc programmes for students who have already studied some accounting and /or finance at undergraduate level and now wish to specialise and continue their studies to enhance their employability and career prospects.

Many of our modules offer professional accreditation from the Association of Chartered Certified Accountants (ACCA). The School has strong links with the CFA Institute, Institute of Financial Services,

CBI and CISI. As a result, our programmes will help to fast-track your career in the accountancy and finance fields by affiliating you with professional bodies or giving you exemptions from key professional examinations.

In accounting, many staff within the team are qualified accountants and have a wealth of teaching and practice expertise that will enrich your development and contribute to the creation of technically sound qualified accountants, ready for employment in practice, industry or the public sector. Equally, our finance staff have a wealth of real-world experience to help you gain essential skills that employers in the sector are looking for. This is evident in the department's student employability metrics that ranks us in the top five for graduate prospects (Times 2018).

TAUGHT COURSES

Entry Requirements

MSc Accounting and Finance; Finance and Big Data Analytics; Financial Management: A 2:2 Honours degree or above in any subject or an equivalent qualification.

MSc Finance; International Banking and Finance; Investment Management: A 2:2 Honours degree or above with significant accounting or finance content or an equivalent qualification.

MSc Strategic Accounting: A 2:2 Honours degree or above with significant accounting or finance content as well as the relevant exemptions from ACCA F1 to F9 papers.

English Language Requirement
IELTS 6.0 (minimum of 5.5 in each component) or Swansea University recognised equivalent.

PROGRAMMES FOR STUDENTS FROM ANY SUBJECT BACKGROUND

These programmes are ideal if you are looking to move into a career in an accounting or finance related area. They all cover the key principles of finance and the quantitative methodologies related to the accounting and finance arena.

Accounting and Finance MSc

Designed specifically to enhance employment prospects by offering students the opportunity to acquire an advanced and in-depth understanding of key accounting and finance topics, graduates of this programme will possess an advanced knowledge of key tools and techniques in accounting and finance, financial modelling, and financial and management accounting. Students can also gain up to seven exemptions from ACCA fundamental examinations on this programme.

Modules typically include:

- Principles of Finance
- Financial Statement Preparation and Analysis
- International Financial Markets
- Financial Accounting
- Management Accounting
- Quantitative Research Methods

Finance and Big Data Analytics MSc

Designed to pair the key areas of finance and business analytics, this programme takes a data-driven approach to analysis of financial markets and organisational information.

In addition, it covers the key principles of finance, financial modelling and financial markets and equips students to work in the data-driven areas of finance and financial management. Students can also gain up to four exemptions from ACCA fundamental examinations on this programme.

Modules typically include:

- Principles of Finance
- Big Data in Finance
- International Financial Markets
- Financial Statement Preparation and Analysis
- Empirical Finance
- Applied Data Analytics
- Quantitative Research Methods

Financial Management MSc

Designed for students who are interested in moving into a career in finance, this programme combines the academic theory of finance with a strong practical perspective, facilitating a sound understanding of finance and associated disciplines. Students can also gain up to four exemptions from ACCA fundamental examinations on this programme.

Modules typically include:

- Principles of Finance
- Corporate Governance and Ethics
- Quantitative Research Methods
- International Financial Markets
- Independent Project
- Financial Statement Preparation and Analysis

The three programmes to the left feature significantly enhanced taught contact time to allow you to complete a conversion to accounting or finance in a single year.

Students who wish to study finance alongside a management specialisation should refer to the MSc Management (Finance) programme on page 58.

PROGRAMMES FOR STUDENTS WITH AN ACCOUNTING OR FINANCE BACKGROUND OR RELATED DISCIPLINE

These programmes are designed to enhance your undergraduate study and accelerate your career. Entry to these programmes requires a study background in accounting or finance. This need not necessarily be a degree with 'Accounting and Finance' in the title, but could be economics, business, or any general programme with significant accounting or finance content.

Finance MSc

Designed for graduates who are seeking a specialist programme to enable an accelerated start to a career in finance; this programme combines the academic theory of finance with a strong practical perspective, using current trends and industry practice to inform teaching and discussion. You will develop a sound understanding of the role and importance of accounting information in the financial management of complex organisations and graduate with a strong comprehension of finance and its associated disciplines.

Modules typically include:

- Corporate Finance
- Derivatives and Risk Management
- Empirical Finance
- Financial Econometrics
- International Financial Markets and Institutions
- Financial Reporting and Statement Analysis

International Banking and Finance MSc

This programme is aimed at graduates who wish to acquire a solid foundation in international banking and finance to prepare them for a career in banking, trading or financial analysis. It will equip students with an advanced understanding of the principles and techniques of international finance, development, trade and banking, knowledge

of the activities of financial markets and financial institutions in advanced and emerging economies, and an appreciation of the role of risk management in complex organisations.

Modules typically include:

- Corporate Finance
- International Banking and Regulation
- Financial Econometrics
- International Financial Markets and Institutions
- Empirical Finance

Investment Management MSc

This programme focuses on finance and investment management and prepares students for the CFA Level One professional qualification. Students will gain an advanced understanding of managing assets and risk in complex organisations, preparing them to become traders and investment managers of the future.

Modules typically include:

- Asset Management
- International Financial Markets and Institutions
- Empirical Finance
- Corporate Finance
- Financial Econometrics

Strategic Accounting MSc

You will already have a relevant first degree and have passed your ACCA Fundamental papers prior to beginning this programme. As part of this rigorous master's degree, you will be taught the latest theories and practices and how to apply them as an accountancy professional, while we prepare you for the ACCA Professional examinations.

Students who graduate from this MSc and pass all of the ACCA Professional papers will require no further study and will be able to concentrate fully on their career.

Please note: students must register with ACCA in order to be eligible for ACCA Professional exams. Additional fees apply.

Modules typically include:

- Strategic Business Leader Part 1
- Strategic Business Leader Part 2
- Advanced Audit and Assurance
- Strategic Business Reporting
- Advanced Performance Management

RESEARCH PROGRAMMES

Entry Requirements

MPhil: Normally a first-class or 2:1 Honours degree in accounting or finance or a related subject, or an equivalent qualification.

PhD: A Master's degree in accounting or finance or a related subject, or an equivalent qualification.

English Language Requirement

IELTS 6.5 (minimum of 6.0 in each component) or Swansea University recognised equivalent.

Finance MPhil/PhD

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise.

Applicants are encouraged to explore the research expertise of the School to ensure a good fit between PhD proposals and potential supervisors. Information about current faculty and the School's research groups can be found at swansea.ac.uk/som/research



Pre-Master's pathway available for Accounting and Finance MSc (international students only), see page 44



SCHOLARSHIPS AND BURSARIES

At the School of Management, we are happy to offer financial support for the brightest prospects of the future. It's not just academic excellence we reward – we also recognise and encourage passion for study and involvement in student life. There are a range of funding opportunities available for both taught and research degrees.

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk
Tel: +44 (0)1792 295358
swansea.ac.uk/som

6th 
IN THE UK

GRADUATE PROSPECTS
(Complete University Guide 2019)

Understanding the forces that have moulded and continue to shape America helps us to make sense of our contemporary world. The comparative study of the history and culture of the United States addresses themes such as immigration, democracy, slavery, imperialism, multiculturalism, race and ethnicity, urban history,

the economy, and terrorism. These issues do not just concern the past; they are directly relevant to the world we live in.

In the 2014–2021 Research Excellence Framework 70% of staff research activity was judged world-leading (4*) or internationally excellent (3*).

RESEARCH PROGRAMMES

Entry Requirements

Normally a 2:1 Honours degree, or higher degree, or an equivalent qualification.

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

American Studies MA by Research/ MPhil/PhD

We welcome proposals for postgraduate research projects that complement staff research interests.

Research Strengths

Staff research interests cover the core disciplines of American Studies: literature, history, politics and film. Particular research strengths include:

- African-American literature and culture
- American ethnicity and multiculturalism
- American politics and government
- Contemporary American literature
- Hollywood film and American society
- Representations of the Vietnam War
- Silent cinema and popular culture
- Surveillance and urban America
- The American Civil War
- The American City
- The American South
- The American West
- The Harlem Renaissance
- The impact of war on American society
- The UN and international drugs policy
- US “War on Drugs”
- US foreign policy

Our American Studies Department is involved in collaborative research projects with several universities across the United States and there is a programme of visiting speakers from Britain and the USA. Staff have written and edited book-length studies of American literature, popular culture, modern poetry, war and memory, labour leaders, political processes and philosophy.

Our extensive library holdings support our research needs. A particular strength is the Allan Milne Collection of approximately 3,000 works pertaining to the American Civil War, which was gifted to American Studies in 2010 and continues to grow. One of the largest of its kind in the United Kingdom, the Milne Collection is particularly varied and boasts an impressive assemblage of primary and secondary source materials that document many social, political, economic and military aspects of mid- to late-nineteenth century American history and politics.

Research Institute for Arts and Humanities

The Research Institute for Arts and Humanities (RIAH) comprises the Richard Burton Centre for the Study of Wales, a ‘flagship’ University level research centre, as well as the Graduate Centre for Arts and Humanities, a range of Research Groups and a growing number of externally funded Research Projects. It also manages major Research Council funded projects, and promotes collaboration between scholars, policymakers and cultural providers. RIAH also supports a wide range of research groups, which provide a focus for specialist projects, postgraduate research, grant applications, seminar series, and contact with external partners.

Research groups include:

- CECSAM, the Centre for the Comparative Study of the Americas
- GENCAS, the Centre for Research into Gender in Culture and Society

For further information about RIAH, visit:
swansea.ac.uk/artsandhumanities/riah

All American Studies research students belong to the Graduate Centre in the College of Arts and Humanities. The Centre provides pastoral as well as administrative support and is also responsible for research skills training and support, and facilitating a lively intellectual environment for the College’s postgraduate research community of 200 students.

swansea.ac.uk/riah/graduate-centre



8th
IN THE UK
AMERICAN STUDIES

(Guardian Good University Guide 2018)



SCHOLARSHIPS AND BURSARIES

We offer a range of funding opportunities for both taught and research degrees and recently have attracted significant funding from the Economic and Social Research Council (ESRC) to offer postgraduate scholarships.

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/artsandhumanities

Swansea has built and maintains an international reputation for research and training in applied linguistics. In addition to our influential research in vocabulary studies and testing, our expertise covers second language acquisition, language assessment and pedagogy, bilingualism, and corpus and discourse analysis.

In the 2014–2021 UK Government REF rankings, research in English at Swansea was rated 7th in the UK and 1st in Wales,

with a high proportion of Swansea’s research judged ‘internationally excellent’ or ‘world-leading’.

All teaching is informed by staff research activity and Swansea has long-established strengths in all major aspects of the subject area. An exciting programme of research seminars, conferences and performances makes the Department a stimulating and sociable place to study.

TAUGHT COURSES

Entry Requirements

Normally 2:2 Honors degree (average 55% or above) or equivalent. For MA TESOL, please refer to website. The Cambridge DELTA Certificate, Trinity College Dip. TESOL, and Postgraduate Certificate in Teaching English for Academic Purposes (TEAP) are considered equivalent. (CELTA is not accepted towards this requirement.)

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in Listening, Reading, Writing, and Speaking) is required for the MA TESOL, please refer to website. IELTS 6.0 (with a minimum of 5.5 in each component) is required for the MA Chinese-English Translation and Language Teaching.

Teaching English to Speakers of Other Languages MA

Swansea University has one of the longest-established TESOL training and education centres in the UK and is internationally known for excellence in research on vocabulary. The course equips participants with skills to engage with the theoretical and practical challenges of teaching English as a foreign or second language. Students can choose to complete a dissertation or a portfolio.

Modules typically include:

- Communicative language teaching
- Grammatical analysis
- Discourse analysis for language teaching
- Methods for classroom teaching

- Professional reflective practice
- Research methods for applied linguistics
- Second language acquisition
- Vocabulary: teaching and learning
- Young language learners

Chinese-English Translation and Language Teaching MA

The MA in Chinese-English Translation and Language Teaching is specifically designed for Chinese speakers (or students with near-native Chinese proficiency) and aims to equip them with language-specific knowledge and skills in both translation studies and applied linguistics. The programme offers both theoretical and practical modules, including observation of Mandarin teaching classes and possible teaching practice opportunities. The translation modules are also highly practical and conducted at the professional level.

Modules typically include:

- Chinese Language Studies
- Classroom Teaching Practice (Chinese)
- Chinese-English Translation Theory and Practice
- Technology Enhanced Language Teaching and Learning
- Principles of Chinese Translation and Interpreting
- Media and Translation
- Linguistic Foundation for Translation and Language Teaching

RESEARCH PROGRAMMES

Entry Requirements

MA in Applied Linguistics by Research: Normally a 2:1 Honours degree or above in English Language, Linguistics, or other relevant discipline, with a mark of at least 65% in the dissertation component. A research proposal of good quality, on a topic relevant to the research strengths of the Department is also required.

PhD programmes in Applied Linguistics:

An MA in Linguistics, Applied Linguistics, TESOL/ELT/TEFL, or a related discipline, and a mark of at least 65% in the dissertation component of the MA. A strong research proposal, on a topic relevant to the research strengths of the Department is also required.

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

MA by Research/MPhil/PhD in Applied Linguistics

The Department welcomes applications from students wishing to pursue graduate level research in applied linguistics, particularly topics related to: vocabulary learning and assessment, language learning aptitude, second language acquisition; corpus linguistics, and discourse analysis.

The Department has an excellent track record of supervising high quality, impactful dissertations, and research students work with staff to foster a dynamic academic community.

swansea.ac.uk/riah/researchgroups

Recent and current dissertation topics include:

- Modelling difficulty and measuring uptake in L2 lexical acquisition
- Online grooming from communicative patterns to paedophile profiles
- Investigating the relationship between L1 mental lexicon size and organisation and L2 vocabulary development
- Discursive witnessing practices in television news coverage of the 2005 London bombings and their commemorations
- Assessing lexical organisation in a second language
- The link between the acquisition of L2 vocabulary and syntax
- The articulation and presentation of the cyberterrorist threat
- Political discourse on poverty and social exclusion

The Department, together with the universities of Bangor and Cardiff, co-hosts two ESRC Doctoral Training Partnerships in the thematic areas of Linguistics and Bilingualism. These partnerships exist to help ensure the flow of highly qualified people into research careers both within and beyond academia.

All research students belong to the Graduate Centre in the College of Arts and Humanities. The Centre provides pastoral as well as administrative support and is also responsible for research skills training and support, and facilitating a lively intellectual environment for the College’s postgraduate research community of 200 students.

swansea.ac.uk/riah/graduate-centre

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/artsandhumanities

7th 
IN THE UK

**AND 1ST IN WALES FOR
RESEARCH PERFORMANCE**

(Research Excellence Framework 2014–2021)



Pre-Master’s pathway available for Applied Linguistics (international students only), see page 44



SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available. Please visit: swansea.ac.uk/postgraduate/scholarships

The diverse aquatic and terrestrial habitats on the nearby Gower Peninsula and Brecon Beacons make Swansea an excellent place to study Biosciences. In the most recent Research Excellence Framework (REF) in 2014–2021, 94% of the Department of Biosciences' research was judged to be world-leading or internationally excellent.

The Department of Biosciences provides state-of-the-art facilities including: our coastal research vessel the RV Noctiluca, and the RV Mary Anning, a new £1.3 million purpose-built 18m catamaran-class survey vessel equipped with survey and research equipment, a £4.2 million suite of laboratories, the Zoology Museum, greenhouses, growth rooms, aquaria and £2 million Centre for Sustainable Aquatic Research (CSAR) as well as our unique

£1.35 million Swansea Lab for Animal Movement (SLAM) visualisation and tag construction facilities.

All academic staff in Biosciences are active researchers and the department is home to world-class biologists including Professor Rory Wilson (named as one of Britain's 50 most influential conservation heroes by BBC Wildlife Magazine, Chief Scientific Advisor on National Geographic's Great Migrations, and inventor of state-of-the-art animal tags to monitor animal behaviour).

The Department also has strong links with external organisations and research field sites all over the world that benefit our students through collaborative research and placement opportunities.

TAUGHT COURSES

Entry Requirements

Typically a minimum of a 2:2 (with 55% average) Honours degree or above in Biosciences or a related subject, or an equivalent qualification.

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

7th
IN THE UK

**AND 1ST IN WALES FOR
RESEARCH EXCELLENCE**

(Research Excellence Framework 2014–2021)

Environmental Biology: Conservation and Resource Management MSc ^{FT} ^{PT}

The programme focuses on the relationships between living organisms and the terrestrial, freshwater and marine environments, coupled with the interactions that result from natural and anthropogenic processes. You will benefit from advanced training in the interpretation of local and global environmental issues, field and theoretical aspects of biology and ecology and analytical skills.

Modules typically include:

- Core science skills and research methods
- Conservation of aquatic resources
- Ecosystems
- Environmental assessment and management
- Geographical information systems
- Remote sensing of the changing environment
- Term papers in environmental biology
- Research project in environmental biology: conservation and resource management

RESEARCH PROGRAMMES

Entry Requirements

Normally a 2:1 Honours degree (for MRes entry) or a Master's degree with merit (for MPhil/PhD entry) in Biosciences or a related subject, or an equivalent qualification.

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Biosciences MRes ^{FT} ^{PT} Biological Sciences MPhil/PhD ^{FT} ^{PT}

We invite applications from highly motivated and suitably qualified candidates to undertake postgraduate research on our MRes Biosciences (one-year programme FT), MPhil (two-year programme FT) or PhD (up to 4-year programme FT).

MRes students undertake three taught modules in the first term, including the 'Core Science Skills and Research Methods' undertaken by all postgraduate researchers. The major component of all our postgraduate research degrees is the research thesis, where students gain in-depth knowledge in our specialist areas of expertise:

Behavioural and Movement Ecology

Behavioural ecology in its broadest sense is the study of adaptations, and we aim to understand the role of the social and ecological environment, as well as proximate mechanisms, in structuring the properties of animal behaviour/movement at the level of individuals, groups, and populations.

Facilities: The Swansea Lab for Animal Movement (SLAM) incorporates an electronic wall (3x4m) and computer cluster for high-speed processing and visualisation of data. SLAM also designs and produces state-of-the-art animal tags to study how organisms move and interact with their environment. Several other Biosciences behaviour and molecular labs.

Evolutionary and Molecular Biology

Understanding the diversity of life from a molecular perspective. We use the latest genetic and genomic techniques to address key questions in ecology, behaviour and conservation from an evolutionary perspective in a range of non-model organisms, from fungi to plants and animals.

Facilities: Dedicated Bioscience labs recently benefitted from a £4.2 million renovation programme including a specialist molecular ecology lab.

Marine Biology, Fisheries and Aquaculture

From developing new techniques in fish husbandry and rearing of commercially important aquaculture species, to research in food and fuel security, low carbon technologies, and climate change. Specialist research training can be provided on a diverse range of temperate to tropical aquatic organisms, inhabiting marine to freshwater environments.

Facilities: A custom-designed 18m catamaran-class survey vessel and the unique Centre for Sustainable Aquatic Research (CSAR) which provides a controlled environment building with ozone-sterilised water intake and discharge, centralised programmable air and mixed fresh/salt water supply, light intensity and photoperiod regimes.

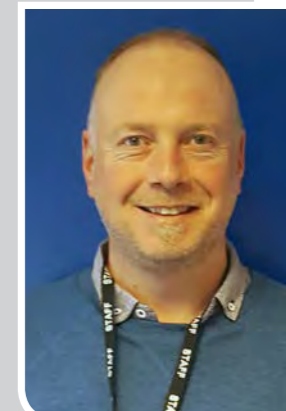
Mathematical and Statistical Ecology

Research and skills that complement the full range of our academic expertise, from theoretical investigations of ecosystem complexity, pattern formation and animal movement, to practical agricultural applications and the operation of micro-algal biotechnology.

Facilities: Computing facilities include high-end graphics workstations, high-speed network links and access to high-performance computer facilities through links with HPC Wales.

Paul Howes

MSc Sustainable Aquaculture,
Currently Manager of the Centre
for Sustainable Aquatic Research



“ I chose Swansea University in part due to the high percentage of students finding work after their studies and I wanted a job as soon as possible after my MSc. As part of my dissertation in the Falkland Islands I worked with a number of scientists and industry leaders in the country. Before I returned to hand in my work I applied for a job in the islands to become the manager of a company trying to breed the Patagonian Toothfish. All the knowledge gained at Swansea University helped me to develop the company from concept to a commercial pilot scale facility. ”

Population and Community Ecology

Combining experimental and theoretical approaches to develop our understanding of how species interactions with their environment (including other woodlands species) generate spatial-temporal biodiversity patterns. Study systems include coastal ecosystems, disease control, conservation, and the impact of structured environmental variation on community dynamics.

Facilities: A dedicated marine mesocosm lab, insect laboratory, CSAR facilities (see above), fossil pollen laboratory, microscopy facilities, Constant Temperature rooms, both a dedicated greenhouse and the Welsh coast and ancient woodlands on our doorstep.

Whole Organism Biology

Our staff includes world-leading experts on a range of organisms from fungi to crabs, penguins to turtles, baboons to otters, and salmon to condors and honeybees. We welcome students who want to develop projects around such species and wish to get specialised training in whole organism biology.

Facilities: Fieldwork represents a major component of our whole organism research. Work is undertaken within the UK, throughout Asia, Africa, the Americas and Europe.

Wildlife Diseases and Pest Control

Research focused on developing natural agents and solutions for the control of wildlife diseases and invertebrate pests that impact on food security and human and animal health. Research training provided in disease detection methods, disease management, and the socioeconomic benefits of pest control.

Facilities: Several Bioscience molecular labs, Constant Temperature rooms and a dedicated greenhouse.



SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available.
swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/biosci



Each degree within our suite of taught business programmes is specifically designed to enhance employability, with all MSc Management programmes accredited by the CMI and access to a team of careers advisors within the School of Management available to every student. Each of the MSc Management programmes has been developed for students from any undergraduate degree background and features research-led, practical teaching from a team of industry experts.

Drawn from across the world, our student body and teaching faculty are diverse, providing an enriched environment for study and research, and opening up worldwide opportunities for our graduates.

We shape government, organisation and business policy and practice with our world-class research and collaborative projects, and bring together experts from a diverse number of fields to deliver a dynamic and enriched learning experience for our students. Our multidisciplinary department offers education across a range of business and management principles, training and educating the next leaders for a range of industries and subject disciplines.

TAUGHT COURSES

Entry Requirements

MSc Management and Management

Pathways: A 2:2 Honours degree or above in any subject or an equivalent qualification.

.....

English Language Requirement

IELTS 6.0 (minimum of 5.5 in each component) or Swansea University recognised equivalent.

Management MSc **FT** **PT**

This one-year programme is offered as a conversion course to management, and can be studied by students from any undergraduate discipline. It covers core management concepts such as international marketing, operations management, global strategy, finance and human resource management to give you a solid grounding in a range of dynamic business principles.

The MSc Management is available as a generalist programme, which gives you the freedom to pick from a range of optional modules in your second semester. This degree is also available with specific named pathways that allow you to specialise during the second semester and will feature on your final degree certificate. For 2019 entry, the pathways on offer are:

- Business Analytics – designed to equip students in understanding the dynamic data-driven elements of the business world
- E-Business – investigates the challenges and opportunities of global information systems networks and e-commerce
- Entrepreneurship – for students interested in the dynamics of starting their own business
- Finance – for students interested in the financial aspects of management
- Human Resource Management – focused on the challenges of leadership and managing a global workforce
- International Management – considers contemporary management practice in a global setting
- International Standards – focused on the role of international standards (such as ISO) in quality improvement
- Marketing – focused on the challenges of global marketing activities
- Operations and Supply Management – focused on managing global operations and supply networks
- Tourism – for those interested in the strategic management, development, policy and governance in the tourism sector

You have the freedom to change pathway up until the end of the first semester so you can try different areas of management before picking a final specialisation (students wishing to take this option should initially register on the general MSc Management).

RESEARCH PROGRAMMES

Entry Requirements

MPhil: Normally a first or upper second-class degree in business management or a related subject.

PhD: A Master's degree in business management will normally be required. Applicants without a Master's degree will be considered on an individual basis.

.....

English Language Requirement

IELTS 6.5 (minimum of 6.0 in each component) or Swansea University recognised equivalent.

Business Management MPhil/PhD **FT** **PT**

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise.

Applicants are encouraged to explore the research expertise of the School to ensure a good fit between PhD proposals and potential supervisors. Information about current faculty and the School's research groups can be found at swansea.ac.uk/som/research

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/som

GREAT MINDS

Professor Mike Williams

Deputy Dean and Director of the i-Lab Research Centre: investigating the impact of technology on behaviour and society.



“ My research aims to understand the impact of technology on behaviour and society in the digital age. ”

Mike Williams is a Professor (Personal Chair) in the School of Management. He said: “My current research applies a range of tools and techniques to the analysis of data in order to develop greater understanding of the impact of technology on the behaviour of consumers, employees, citizens, markets, and organisations in the digital age.”

His work has been published in numerous leading academic journals including the Journal of Information Technology, the Journal of the Operational Research Society, and the Journal of Strategic Information Systems.

He has worked in both public and private sectors in domains including finance, telecommunications, manufacturing, and government; with firms including British Telecom, Standard Chartered, and Canon.

He has been awarded funding from bodies including the European Union, the NHS, the Nuffield Foundation, the Engineering and Physical Sciences Research Council, and the Welsh Government, acts as reviewer for funding applications for research councils and international bodies, and participates in promotion/tenure committees both in the UK and abroad.

Recently, Professor Williams was invited to Chair the largest research track at the International Conference on Information Systems, the most prestigious gathering of academics and practitioners in the field of information systems.

He currently supervises a substantial group of doctoral candidates including research into human and organisational aspects surrounding technological investments, sponsored by British Telecom.



Pre-master's pathway available for Management MSc (international students only), see page 44



SCHOLARSHIPS AND BURSARIES

At the School of Management, we are happy to offer financial support for the brightest prospects of the future. It's not just academic excellence we reward – we also recognise and encourage passion for study and involvement in student life. There are a range of funding opportunities available for both taught and research degrees. swansea.ac.uk/postgraduate/scholarships

UK TOP
30

RESEARCH QUALITY

(Complete University Guide 2018)

The new Department of Chemistry has excellent, purpose-built, modern laboratories and access to diverse types of laboratories and research infrastructures. High quality, high-impact chemistry research is also taking place in world-class centres such as The Centre for NanoHealth, The Institute of Mass Spectrometry, The Institute of Life Sciences, The Energy Safety Research Institute, The Multidisciplinary Nanotechnology Centre, The Welsh Centre for Printing and Coating, The Centre for Water Advanced Technologies and Environmental Research and The Materials Research Centre.

Integration between the Department of Chemistry and the College of Engineering, the Medical School and other departments in the College of Science provides an environment of research excellence. This allows students and staff to invent, innovate and develop products in a way that is best suited to research in the 21st century and the need to generate disruptive, step-change advances with impact on current global challenges.

RESEARCH PROGRAMMES

Entry Requirements

Normally a 2:1 Honours degree or a Master's degree with Merit in Chemistry or related subject.

.....

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Chemistry MPhil/PhD **FT** **PT**

We invite applications from well-qualified candidates whose research interest focuses around the themes of Energy, Health, New and Advanced Molecules and Materials, and Water and the Environment.

Energy:

One of the key areas where advances in chemistry will be needed is in providing solutions to the global energy challenge.

Within this theme, specific applications and research projects include:

- Conversion and storage of electrochemical and solar energy
- Capture, storage, and chemical conversion of carbon dioxide
- Development of new molecules, materials and nanotechnologies related to energy production, conversion, transport, and storage and their incorporation into devices
- Electron transfer reactions

- Development and implementation of advanced characterisation techniques for acquiring in-depth understanding of photovoltaics, batteries and processes, which enable improvement in performance
- Routes for rapid processing and manufacturing at scale
- Optimized utilization of fossil energy
- Hydrogen as an energy vector

Health:

Chemistry research provides new routes to more effective, cheaper and less toxic therapies and to non-invasive disease detection and diagnosis tools. It will lead to transformation of the entire landscape of drug discovery, development and healthcare, which is currently unaffordable and needs to benefit more patients. Our areas of postgraduate research and training are in:

- Nanoparticle-based drug delivery
- Antibody-drug conjugates
- Nanoparticle-enabled chemimmunotherapy and immunoengineering
- Chemical systems for cell and tissue imaging
- Stimuli-responsive and adaptive systems for drug activation and release
- Bioelectronic medicines and sensors
- Mass spectrometric analysis of clinical samples, lipids, proteins and natural products
- Pharmaceutical analysis and analytical technologies for medical/chemical analysis
- Silicon processing, microfabrication and microelectronic fabrication

- Self-assembly of colloids at interfaces and the use of colloids and nanoparticles dispersed in complex biological fluids
- Microneedles for transdermal blood sampling and drug delivery
- Raman spectroscopy and its applications to assess drug-target interactions
- Biosensors – surface functionalization, fluorescence detection, electrochemistry, chemical sensing and lab-on-a-chip
- Microfluidics and MEMS
- Studying structure, dynamics and function of enzymes as a route to understanding and controlling nature's chemistry
- Natural products biosynthesis (particularly involving compounds with antibiotic, antifungal, or other medically relevant activity)

New and Advanced Molecules and Materials:

There is major interest in synthesising, designing and controlling molecular and macromolecular assemblies at multiple length scales. Research projects include:

- Soft condensed matter including surfactants, colloids and polymers
- Synthesis and optoelectronic characterization of nanostructured 2D materials
- Synthesis and characterisation of novel polymers of intrinsic microporosity
- Synthesis and characterization of transition metal-based and organic dye molecules for application in dye-sensitized solar cells
- Materials for efficient multiphoton absorption and upconversion

- Natural products
- Molecular recognition and self-assembly to generate novel materials
- Continuous flow synthesis
- Molecular scale and nanoscale characterisation of ordered and amorphous assemblies
- Development of nanocomposites comprising metallic nanoparticles and hydrogels
- Autonomous and remotely guided micro- and nanoscale objects
- Studying and tuning the characteristics of nanomaterials and biomaterials

Water and the Environment:

Research projects include:

- The development of analytical tools for measuring environmental impact
- Environmental impact assessment of polymer-based materials through their lifetime (including the effects of recycling and biopolymers)
- Technologies for the efficient removal of environmentally harmful materials (and thus reduced emissions per output of discharge)

- Membrane technologies and new methodologies for desalination, and for dewatering and killing pathogens for sanitation applications
- The use of new molecules and materials for photocatalytic water splitting and development of self-propelled micro and nanomotor systems for environmental remediation

In collaboration with the Biocontrol and Natural Products (BANP) Group in the Department of Biosciences, there are also research opportunities around the characterisation and application of natural products, in particular those derived from fungi and microalgae, to provide therapeutics and nutraceuticals and to act as agents for biocontrol and bioremediation.



SCHOLARSHIPS AND BURSARIES

We offer a range of funding opportunities for research degrees. Recently we have attracted funding from organisations such as the Engineering and Physical Sciences Research Council (EPSRC) for postgraduate studentships:

swansea.ac.uk/science/postgraduatescholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/chemistry





CHILDREN AND YOUNG PEOPLE

SINGLETON PARK CAMPUS

As a forerunner in its field, the College of Human and Health Sciences is bringing about real-life benefits for the health care, social care, voluntary and private sectors, ultimately leading to improvements for children, parents, practitioners, managers and policymakers.

Our Centre for Children and Young People's Health and Well-being facilitates rigorous multi and interdisciplinary research and evaluation from birth through to early adulthood, with the central theme of health and well-being. The Centre is dedicated to enhancing the lives of children and young people promoting high quality, applied research that gives a voice to the young person. Staff have strong links with a range of international networks and similar university departments in Europe and around the world, and are committed to productive interactions with front-line policymakers and practitioners.

The most recent Research Excellence Framework in 2014–2021 revealed that over 75% of our research carried out in this field was of international or world-leading quality.

With our research into the health disciplines demonstrating outstanding quality in originality, significance and rigour, students can be assured our taught courses are informed by the latest findings while research students will be immersed in the dynamic and supportive research culture needed for their studies.

Our recent research collaborations include: Economic and Social Research Council (ESRC); City and County of Swansea; Autism Speaks; British Medical Association; National Institute for Social Care and Health Research; and Asthma UK. These collaborations have been crucial in ensuring research informs, and is informed by, the wider health and social care environment.

TAUGHT COURSES

Entry Requirements

Please see individual course details.

English Language Requirement

For all full-time taught programmes:
IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Childhood Studies MA, PGDip, PGCert

FT PT

This programme explores how children develop from birth, how they acquire the ability to learn and think for themselves, and how their development is influenced by their families and the communities they live in. It explores topics from broad historical, psychological, and sociological perspectives and examines the rights of the child in reference to the UN Convention. It is designed for a wide range of professionals working with children and students are encouraged to critically reflect on their practice and address research relevant to their own interests.

Modules typically include:

- Child health
- Children's rights and safeguarding children and young people
- Research methods
- Understanding and observing child development

Entry requirements

Applicants normally require a relevant honours degree (2:2 or above) in a related discipline (for example childhood studies, education, psychology, sociology, mental health), or its equivalent. Those without an undergraduate degree should have significant, relevant work experience. Applicants may be asked to attend an interview and will be required to undergo a Disclosure and Barring Service (DBS) check or a Swansea University accepted equivalent for international students.

Developmental and Therapeutic Play MA, PGDip, PGCert FT PT

This programme offers an exciting opportunity to study children's play at an advanced academic level, combining demanding theoretical work with fieldwork experience and sophisticated reflection. The programme considers how the environment and social interactions support

children's growing repertoire of play skills, with a particular emphasis on the value of children's self-directed play experiences. Students will consider the potential of play to support health, care and development across multiple contexts.

Modules typically include:

- Perspectives on play
- Play theory and practice
- Research methods
- Therapeutic work with children
- Understanding and observing child development

Entry requirements

Applicants normally require a relevant honours degree (2:2 or above) in a related discipline (for example childhood studies, education, psychology, sociology, mental health), or its equivalent.

Those who do not have an undergraduate degree must have significant relevant work experience. Applicants may be asked to attend an interview and will be required to undergo a Disclosure and Barring Service (DBS) check or a Swansea University accepted equivalent for international students.

Child Public Health MSc/PGDip/PGCert

FT PT

This programme will explore the evidence base underpinning child public health policy in the UK. It examines health issues for children aged 0 – 11 years such as perinatal health, nutrition and immunisations and will highlight the importance of child health, not only as a concept of illness, but as affecting wider long-term educational, social and emotional development. Students will critically evaluate the multitude of factors that influence child health and the role of multidisciplinary professionals, policymakers and government in child health promotion and governance. The programme will emphasise the importance of the early years upon future child and population health and consider the public health policies and interventions established to promote and enhance this.

Modules typically include:

- Child public health
- Childhood illness
- Childhood nutrition and growth
- Issues in child public health

Entry requirements

Applicants require an honours degree (usually 2:2 or above) or equivalent qualification.

Candidates with non-standard entry requirements may be admitted on the basis of relevant work experience or professional qualification with requisite approval. Two years relevant employment experience in local authorities, health, private and voluntary organisations and industry will be considered relevant.

RESEARCH PROGRAMMES

Entry Requirements

MPhil: Normally an honours degree (2:1 or above) in a discipline related to the chosen specialty, or a relevant, approved postgraduate qualification.

PhD: Applicants would normally have, or be studying for, a Master's degree.

.....

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

Children and Young People, MPhil/PhD

FT PT

Health Psychology, MPhil/PhD FT PT

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise. These are focused around the following research groupings:

Health and Welfare

Investigating the facets of health and welfare facing children and young people in today's society, such as public health challenges, health care provision, child abuse and neglect, learning disabilities, play and homelessness.

Student researchers are currently investigating topics such as children's free play choices in the school and home, teaching approaches within the Foundation Phase, and looked after children.

Child and Youth Identity

Exploring the interactions between young people as individual agents, their social environments (school participation, entry to the workplace) and wider social structures that inform their individual biographies and life opportunities.

In particular, the ways in which these structures and discourses inform the individual identities of young people, sexuality and age, and the ways in which 'youth' is represented in popular discourse are of interest. Applications are welcomed in youth studies, youth participation and gender and sexuality studies.

Child Development

The learning and development of children is affected by numerous factors from the very early years through to later adolescence. Ways in which the effect of these factors can be monitored is in the play of children. For example; spontaneous play following trauma; children's perception of play; play and learning within educational environments. Our researchers are welcoming applications across this field.

Health Psychology

Focussing on cutting edge research to understand how behaviours influence individual decision making; help push the boundaries of the promotion and maintenance of health; influence the prevention and management of illness; and vulnerability and health risk. Research students are looking at the psychological mechanisms that underpin health behaviour motivation, and developing interventions to encourage children, young people and pregnant women to engage in healthy lifestyle behaviours including physical activity and eating behaviour.



Pre-master's pathway available for Child Public Health MSc/PGDip/PGCert (international students only), see page 44



SCHOLARSHIPS AND BURSARIES

We offer a range of funding opportunities for both taught and research degrees. Recently we have attracted funding from organisations such as the Natural Environmental Research Council (NERC), the Economic and Social Research Council (ESRC) and the Engineering and Physical Sciences Research Council (EPSRC). swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/humanandhealthsciences



CLASSICS, ANCIENT HISTORY AND EGYPTOLOGY

SINGLETON PARK CAMPUS

‘To be ignorant of what took place before you were born is to remain a child forever’ (Cicero). From the epics of Homer and Virgil to the first novels, from Egyptian magic and Greek mythology to the philosophy of Plato and Aristotle and the growth of Christianity,

from Egyptian pharaohs and Athenian democracy to the fall of the Roman Empire, the ancient civilisations of Egypt, Greece, and Rome are a fundamental source for our modern culture and thought.

TAUGHT COURSES

Entry Requirements

Normally a 2:1 degree, or equivalent, in an Arts, Humanities, or Social Sciences subject.

English Language Requirement

IELTS 6.5 (with a minimum of 5.5 in each component) or Swansea University recognised equivalent.

Ancient Egyptian Culture MA

The MA Ancient Egyptian Culture emphasises not only the study of the intellectual and material cultures of ancient Egypt, but also its language. Egyptology at Swansea University enjoys an invaluable asset in its purpose-built Egypt Centre, which houses over 3,000 objects from ancient Egypt (as well as Greek and Roman artefacts), the largest collection of this kind in Wales. This impressive and important collection illustrates more than 5,000 years of human development from the prehistoric to the early Christian era and plays an integral role in our teaching. While advanced language training is available in this MA, it is not required, and students wishing to focus on topics related to heritage, museum, and material culture interpretation are also welcome.

Modules typically include:

- Advanced Egyptian language modules: Old Egyptian, Late Egyptian, advanced Middle Egyptian
- Ancient Egyptian demonology
- Ancient Egyptian language for Archaeology
- Egypt, Africa, and the East in the first millennium BCE
- Beginning and Intermediate Middle Egyptian
- Beyond Mummies: Interpreting mortuary data in ancient Egypt
- Private life in ancient Egypt

- Ramesses III: Empire, invasion, and conspiracy
- Reaching the public: Museums and object-handling (takes place in the Egypt Centre)
- Reading academic German
- Saints and Sinners in Christian Late Antiquity
- Special topics in Egyptology
- Understanding ancient Egyptian culture
- Women and gender in ancient Egypt

Ancient History and Classical Culture MA

This MA allows students to study a broad range of topics related to the histories and cultures of the Classical world, from the Mycenaean world to late antiquity. The range of options allows students to specialise in history or literature, or to combine study of the two.

Modules typically include:

- Ancient Greek or Latin language
- Being Greek under Rome: Greek literature and culture in the imperial period
- Explorers, travel and geography
- Comparative Indoeuropean Philology
- Magic in Greece and Rome: Exploring the sources
- Research methodologies in ancient history and classical culture
- Roman houses and households
- Romance refracted and novels renewed
- Royal Space: The King and his palace in the ancient world
- Saints and Sinners in Christian Late Antiquity
- Word, metaphor and allegory

Ancient Narrative Literature MA

This MA focuses on the narratives of the ancient Greeks, Romans and Egyptians, both fictional and factual, in a variety of literary forms, including the novel, epic poetry, mythology, historiography and biography. The programme introduces students to the key concepts of

literary and cultural theory connected with narrative and encourages them to explore new ways of reading ancient texts. As well as some of the classics of ancient literature, it also examines some less familiar texts that illustrate the full creative extent of ancient literary imaginations.

Modules typically include:

- Ancient Greek or Latin language
- Being Greek under Rome: Greek literature and culture in the Imperial Period
- Explorers, travel and geography
- Magic in the ancient world: Exploring the sources
- Comparative Indoeuropean Philology
- Narrative theory and genres
- Romance refracted and novels renewed
- Saints and Sinners in Christian Late Antiquity
- Text and narrative in Graeco-Roman Egypt
- Word, metaphor and allegory

Classics MA

The MA Classics studies Greek and Latin language, literature, and civilisation. The MA allows students to develop their reading skills in two ancient languages and to apply them to the study of a selection of some of the most important literary texts from the ancient world.

Modules typically include:

- Ancient Greek language or Greek texts
- Comparative Indoeuropean Philology
- Explorers, travel and geography
- Latin language or Latin texts
- Magic in Greece and Rome: Exploring the sources
- Narrative theory and genres
- Research methodologies in ancient history and classical culture
- Romance refracted and novels renewed
- Saints and Sinners in Christian Late Antiquity
- Word, metaphor and allegory

RESEARCH PROGRAMMES

Entry Requirements

Normally a minimum of a 2:1 degree (or equivalent) in Classics, Ancient History, Egyptology, or related subject areas, or an appropriate Master's degree.

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

Ancient History MA by Research/MPhil/PhD

These programmes allow in-depth study of the history, culture, or archaeology of the classical world, from Mycenaean Greece to late antiquity.

Classics MA by Research

Study of the languages, literature, philosophy, and culture of the Classical world, from Homer to the later Roman Empire, and the reception of the ancient world in modern culture.

Egyptology MA by Research/MPhil/PhD

Study of the history, archaeology, religion, languages, literature, and culture of pharaonic Egypt and Sudan. We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise. Staff research interests cover the core disciplines of culture, religion, language, literature, history, and archaeology.

Particular research strengths include:

- Ancient Cyprus
- Ancient Egyptian demonology
- Ancient Egyptian foreign relations
- Ancient Egyptian kingship ideology
- Ancient Egyptian religion
- Ancient narrative literature and the ancient novel
- Ancient Nubia and the Sudan
- Ancient technology
- Archaeology of Roman Egypt
- Daily life in ancient Egypt
- Gender in ancient Egypt
- Graeco-Roman urbanisation (especially Pompeii)

- Greek social history (archaic to Hellenistic)
- Greek tragedy
- Historiography
- History, society, and culture of late antiquity
- History of the Late Ramesside, Third Intermediate, and Late Periods Egypt
- Plato
- Presocratic philosophy
- Roman military history
- Roman republican and imperial history
- Roman satire
- The Second Intermediate Period of Egypt and Nubia

KYKNOS: Centre for Research in Ancient Narrative Literature

KYKNOS (Greek for Swan) stimulates, coordinates, and promotes research on the narrative literatures of antiquity. For more information, see our website at:

kyknos.swan.ac.uk

The Egypt Centre

The Egypt Centre Research Seminars provide an informal arena for discussion of innovative research pertaining to Egyptology and museums, as well as a bridge of knowledge between academics and non-academics.

InEPWW: Interpreting Egypt's Past in Wales and the World

InEPWW was established as a research centre initially to formalise long-standing relationships between the Department of Classics, Ancient History, and Egyptology and the Egypt Centre. Since the foundation of the Egypt Centre as a museum in 1998 and the establishment of the first Egyptology degree schemes in 2001, we have worked together on a range of teaching, research projects, and international conferences. However, beyond Swansea University, InEPWW aims to include within its activities scholars from other universities and museums, with the aim of drawing together Egyptologists from across Wales and beyond in order to develop common research projects.

Monthly research seminars relate largely to the research carried out by staff and students of Swansea University, past and present, and the work and collections of the Egypt Centre, as well staff from regional institutions. These seminars enhance public engagement with our staff and students within the field of Egyptology.

Other facilities

The University library is stocked with original texts, literary and documentary, and subscribes to a wide range of general and specialist periodicals. Online access to external bibliographies and citation indexes is available. Resources include: JSTOR, Dyabola, Thesaurus Linguae Graecae, Loeb Classical Library, Patrologia Latina and Teubner Latin texts online, the Online Egyptological Bibliography, and the Gnomon database.

All research students in Classics, Ancient History, and Egyptology belong to the Graduate Centre in the College of Arts and Humanities. The Centre provides pastoral as well as administrative support and is also responsible for research skills training and support, and facilitating a lively intellectual environment for the College's postgraduate research community of 200 students.

swansea.ac.uk/riah/graduate-centre



SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available. For details, please visit: swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/artsandhumanities

Computer Science at Swansea University is expanding and from September 2018 we will be housed in the brand new Computational Foundry building. The new £32.5 million Computational Foundry is equipped with world-class facilities to enable our students and staff to pursue transformative computational and mathematical research.

Our fully networked laboratories run Windows and Linux, and support a wide range of software including programming languages Java, C#, and the .NET framework, C, C++, Haskell and Prolog.

There are also integrated programme development environments such as Visual Studio, Eclipse; the widely used Microsoft Office Package; web access tools and many special purpose software tools including graphical rendering and image manipulation tools and more. All software is open source and freely available or provided.

This £32.5m world-class computational science facility will provide the most up-to-date and high quality teaching and research facilities, as well as networking and inspiration space for students, staff and industrial partners.

TAUGHT COURSES

Entry Requirements

Normally a 2:1 or 2:2 Honours degree or above in Computer Science or related subject, depending on the course applied for. (For MSc Computer Science, any degree other than Computer Science is required.)

English Language Requirement
IELTS 6.0 (with a minimum of 5.5 in each component) or Swansea University recognised equivalent.

Advanced Computer Science MSc FT PT

On the MSc in Advanced Computer Science course you will be thoroughly prepared for a career in IT or related industries. The course is for you if you are a Computer Science graduate or if you have gained experience of computing and programming in a different first degree.

All students take a module in Computer Science Project Research Methods before undertaking an individual project over the summer.

Modules typically include:

- Advanced topics: artificial intelligence and cyber security
- Big data and deep learning
- Blockchain, cryptocurrencies and smart contracts
- Computer vision and deep learning
- Critical systems
- Data visualisation
- Embedded system design
- Graphics processor programming

- Hardware and devices
- High-performance programming in C/C++
- Human computer interaction
- Information security management
- IT security: cryptography and network security
- Logic in computer science
- Modelling and verification techniques
- Operating systems and architectures
- Security vulnerabilities and penetration testing
- Software testing
- Visual analytics
- Web application development

Advanced Software Technology MSc

FT PT

This degree is for you if you are a Computer Science graduate or have gained some experience of computing and basic programming in your first degree. This programme will also be of interest to you if you have substantial relevant experience gained from working in a computer-related environment for some time and are looking to update or broaden your knowledge.

All students take modules in Software Engineering Project Planning and Management, and Software Testing as well as undertaking a team project involving the creation of a substantial software product before working on an individual software project over the summer.

Modules typically include:

- Advanced topics: artificial intelligence and cyber security
- Big data and machine learning
- Blockchain, cryptocurrencies and smart contracts

- Computer vision and deep learning
- Critical systems
- Data visualisation
- Embedded system design
- Graphics processor programming
- Hardware and devices
- High-performance programming in C/C++
- Human computer interaction
- Information security management
- IT security: cryptography and network security
- Logic in computer science
- Modelling and verification techniques
- Operating systems and architectures
- Security vulnerabilities and penetration testing
- Visual analytics
- Web application development

Computer Science MSc FT PT

The MSc in Computer Science course is for you if you are a graduate from one of a wide range of disciplines and are looking to change direction or because of the needs of your chosen career require a solid foundation in Computer Science. All students take a module in Computer Science Project Research Methods before undertaking an individual project over the summer.

Modules typically include:

- Computing
- Computer system concepts
- Programming in Java
- Relational and object-oriented database systems
- Software concepts and efficiency
- Software engineering principles

Modules typically include:

- Big data and machine learning
- Computer vision and deep learning
- Critical systems
- Data visualisation
- Embedded system design
- Graphics processor programming
- Hardware and devices
- High-performance programming in C/C++
- Human computer interaction
- Logic in computer science
- Modelling and verification techniques
- Operating systems and architectures
- Software testing
- Web application development

Data Science MSc FT PT

This programme will equip you with a solid grounding in data science concepts and technologies for extracting information and constructing knowledge from data. You will study the computational principles, methods, and systems for a variety of real world applications that require mathematical foundations, programming skills, critical thinking, and ingenuity. Development of research skills will be an essential element of the programme, enabling you to bring a critical perspective to current data science discipline and apply this to future developments in a rapidly changing technological environment.

All students take a module in Computer Science Research Methods before undertaking an individual project over the summer.

Modules typically include:

- Big data and data mining
- Big data and machine learning
- Computer vision and deep learning
- Data visualization
- Graphics processor programming
- High-performance computing in C/C++
- Human computer interaction
- Mathematical skills for data scientists
- Modelling and verification techniques
- Operating systems and architectures
- Visual analytics

MSc Computer Science: Informatique (Swansea route) and MSc Computer Science: Informatique (Grenoble route)

Swansea University and Université Grenoble Alpes offer two Dual Award MSc degrees in Computer Science: Informatique. Both lead to degrees from both Universities and both are two years long – one year in Swansea, and one year in Grenoble. The degrees are normally taught in English but you can choose to study in French if you are sufficiently fluent.

The Grenoble route scheme starts in Grenoble and finishes in Swansea – and the available specialisms are:

- Mobile systems
- Big data, graphics and visualisation
- Theory and foundations
- Software technology

The Swansea route starts in Swansea and finishes in Grenoble – and the available specialisms are:

- Advanced information systems and software engineering
- AI and the web
- Graphics, vision and robotics
- Data science
- High-confidence embedded and cyberphysical systems
- Parallel, distributed and embedded systems
- Ubiquitous and interactive systems

Cyber Security MSc FT PT

Our increasingly connected world presents continual new and serious security threats. From privacy violations (hacking, monitoring communications, leaking sensitive data, stealing and publishing private information) through to the drugs trade, sex trafficking and terrorism, Swansea's Computer Science expert staff can provide the techniques required for mitigating such risks, in order to provide secure, reliable and trustworthy systems.

In this MSc we take a holistic and interdisciplinary approach, bringing together modules on diverse topics such as penetration testing, formal modelling, information security management, cryptography and AI in order to equip our students with a suitable mind set for a career in cyber security.

RESEARCH PROGRAMMES

Entry Requirements

Normally a 2:1 Honours degree or a Master's degree with merit in Computer Science or related subject.

English Language Requirement
IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Our Cyber Security Lab provides the perfect backdrop for exploring the security landscape, allowing students and staff to carry out experiments in network security, mobile security, and to explore threats and defence mechanisms in the context of the Internet of Things. Following the taught component of the course, students will carry out a substantial research project which involves using and exploring cutting-edge techniques for specifying, developing, verifying and accessing systems against security criteria. Students will benefit from our broad range of industrial partners and internationally leading research expertise.

Modules typically include:

- Information security management
- Critical systems
- IT-Security: cryptography and network security
- Security vulnerabilities and penetration testing
- Invention and innovation in computing
- Blockchain, cryptocurrencies and smart contracts
- Advanced topics: artificial intelligence and cyber security
- Web application development
- Embedded system design

Computing and Future Interaction Technologies MRes FT PT

The MRes is taught by the Future Interaction Technology (FIT) Lab, within Computer Science.

The FIT Lab's mission is to explore and apply Advanced Computer Science to make interaction technologies dependable, enjoyable and effective. Interaction technologies include mobile devices,

the Web, Web 2.0, implants, home TVs, microwave cookers, ticket machines, navigational aids, etc. Furthermore, we aim to work on grand challenges, like improving safety in health care, or developing technology to reach millions of people and help us live more effective and sustainable lives.

Modules typically include:

- Hardware and devices

Followed by a research project in human-computer interaction.

Logic and Computation MRes **FT** **PT**

On the MRes in Logic and Computation you will learn about advanced techniques in logic and their applications.

You will receive an elite education of direct relevance to research and development problems in contemporary information and communication technology (ICT).

Modules typically include:

- Critical systems
- Logic in computer science
- Modelling and verification techniques

Followed by a research project in logic and computation.

Visual Computing MRes **FT** **PT**

An MRes is ideal preparation for following a career of research or specialism within the area of study. In particular the MRes in Visual Computing seeks to prepare you for further research in the areas of Computer Graphics, Computer Vision, Medical Imaging, and Scientific Visualisation.

Modules typically include:

- Computer vision and pattern recognition
- Data analytics
- Data visualisation
- Graphics processor programming
- Hardware and devices

Followed by a research project in visual computing.

Computer Science MSc by Research MPhil/PhD **FT** **PT**

Human-Computer Interaction MSc by Research **FT** **PT**

Theoretical Computer Science MSc by Research **FT** **PT**

Visual and Interactive Computing MSc by Research **FT** **PT**

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise focused around the following research groupings:

Visual and Interactive Computing Group

Since 1992 when it was first established, the group has grown to an internationally visible team, which currently consists of six academics, eight researchers, 14 PhD/MPhil students and five associated staff members. The group follows an ambitious and curiosity-driven programme to develop new algorithms and methods, as well as advanced software techniques and tools, for computer graphics, visualisation and interactive systems.

Logic and Computation Group

One of the largest groups of theoretical computer scientists in the UK, with a big research programme involving many international collaborators. Over the past forty years, Swansea theoreticians have made fascinating and pioneering discoveries in the theories of data, algorithms, processes, programming languages, specification languages, reasoning and system verification.

Future Interaction Technology Group

The group through the FIT lab has substantial funding from the EPSRC and is a vibrant community consisting of a large number of Research Assistants, PhD Researchers, visitors and faculty staff.



Pre-master's pathway available for Computer Science MSc (international students only), see page 44



SCHOLARSHIPS AND BURSARIES

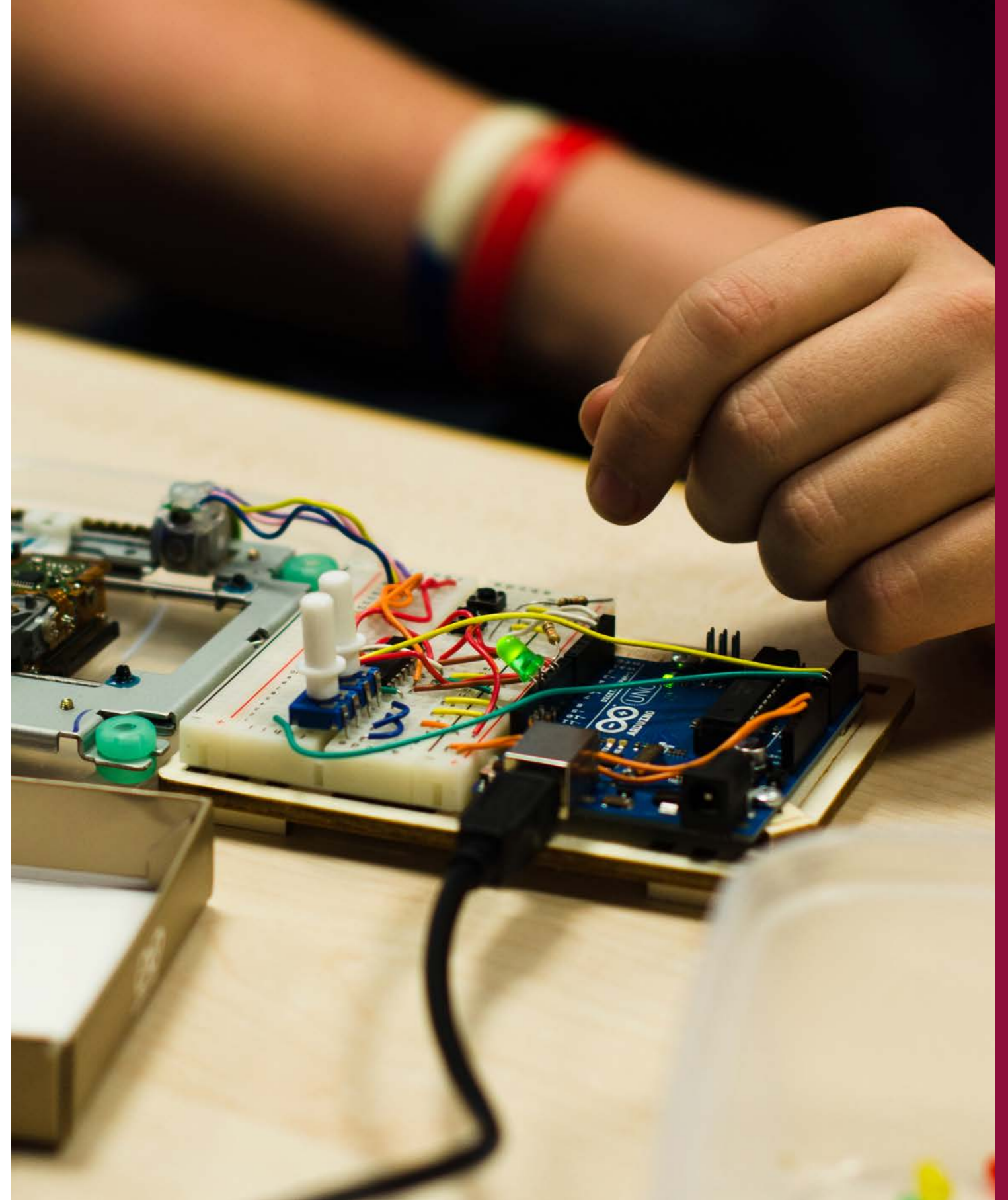
We offer a range of funding opportunities for both taught and research degrees. Recently we have attracted funding from organisations such as the Engineering and Physical Sciences Research Council (EPSRC) for postgraduate studentships. swansea.ac.uk/science/postgraduatescholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/compsci





CRIMINAL JUSTICE AND CRIMINOLOGY

SINGLETON PARK CAMPUS

The Hillary Rodham Clinton School of Law is a vibrant academic and research community, continuously developing to ensure that graduates are equipped to meet the challenges posed by the ever-shifting landscapes of criminology and criminal justice.

Our postgraduate students undertake an exciting range of cutting-edge modules supported by academics with real-world experience at the forefront of their research.

Our research addresses major societal challenges, has impact, and makes a difference to society. We have established expertise in a variety of specialist fields including children's rights, offender rehabilitation, terrorism, penology, sexuality studies and youth justice.

In the Research Excellence Framework (REF) 2014–2021, 96% of the School's research achieved an international standard.

TAUGHT COURSES

Entry Requirements

Minimum 2:1 Honours degree in a relevant discipline. Candidates with a 2:2 or with relevant professional work experience may also be considered.

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

ESRC Wales Doctoral Training Centre

As part of the ESRC Wales Doctoral Training Partnership (DTP), the Department is focused on providing excellent postgraduate training. We provide a mix of generic research and subject-specific research training enabling students to develop and apply research methods to criminological enquiry.

Applied Criminal Justice and Criminology MA

FT (1 year) **PT** (2 or 3 years)

Students will discover how the criminal justice system operates in practice, learn key theories, examine relevant research in criminal justice and criminology, and explore cutting edge themes in criminological debates.

Modules typically include:

- Crime, drugs and alcohol
- Criminal justice system in England and Wales
- Data visualisation
- Gender, crime and criminal justice
- Human trafficking and anti-slavery in the modern era
- Qualitative and quantitative research methods
- Sexual abuse and exploitation of children
- Understanding policing
- Youth justice and youth offending

Cyber Crime and Terrorism MA

FT (1 year)

Focus on the changing nature of online crime and criminal behaviour in order to understand the threats, trends, issues, responses and ethical questions associated with terrorism or security.

Modules typically include:

- Contemporary terrorism in historical and philosophical perspective
- Countering violent extremism online
- Crime in Cyberspace
- Online propaganda and radicalisation
- Research methods and ethics
- Terrorism online and human rights



Nia Baker
MA Applied Criminal
Justice and Criminology

“The best thing about studying at the School is the excellent quality of teaching offered by the staff. Their expertise and guidance has enabled me to refine my academic skills, which have been invaluable for assessed work and active enjoyment of the course.”

RESEARCH PROGRAMMES

Entry Requirements

MPhil: First-class or upper second-class honours degree.

PhD: Master's degree. Exceptional performance at undergraduate level will be considered.

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Our postgraduate research academics have interests in a wide range of areas including: community-based supervision, offender management, cyberterrorism, radicalisation, sex work, youth justice policy and practice, substance use, and sex offender policy and treatment.

Criminology MPhil/PhD **FT** **PT**

We invite applications from candidates whose interests correspond with our areas of expertise:

- Cybercrime and terrorism
- Medical law & bioethics
- Neurocriminology and bioethics
- Probation and offender management services
- Sentencing and courts
- Sex work
- Violent and sex offenders
- Youth justice

CAREER PROSPECTS

Enhance your CV by taking part in employment-related activities in the School or across the University. Our graduates have gone on to forge a wide range of careers in criminal justice agencies, including the Home Office, Youth Offending Teams, and the Probation Service. Graduates have also pursued employment with local and UK Government and in the third sector.

Phatsi Mabophiwa

Criminology PhD student



“Attaining a Doctorate has been my long-term aspiration since commencing my undergraduate studies. My research aims to explore what young people (aged 11-16 years) understand about their rights and responsibilities. The best part of my research is that I get to work with children and young people, as they possess a very sophisticated appreciation of matters that affect them. I absolutely love what I do!

What is your dream? What is your aspiration in life? Never give up, you will achieve your goals if you just believe in yourself!”

Potential candidates may also wish to view our Law PhD options. Please see page 103 for more information.



SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available.

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/law



CYMRAEG

CAMPWS PARC SINGLETON

Dangosodd canlyniadau'r Fframwaith Rhagoriaeth Ymchwil (REF) 2014–2021 i'r Gymraeg ym Mhrifysgol Abertawe ddod yn gyntaf o blith y sefydliadau o Gymru a gyflwynodd eu gwaith i'r is-banel Astudiaethau Celtaidd, ac yn ail yn y Deyrnas Unedig. Dynoda'r canlyniadau fod 100% o waith ymchwil y Gymraeg ym Mhrifysgol Abertawe o safon ryngwladol neu'n uwch na hynny, a bod 69% ohono o safon ragoriaeth yn rhyngwladol, neu'n arwain y maes yn rhyngwladol. Mae'r canlyniadau hyn yn gyson â rhai'r ddau arolwg ymchwil blaenorol ac yn cadarnhau statws a bri Abertawe ym maes ymchwil y Gymraeg.

Mae ennill gradd uwch yn y Gymraeg drwy astudio unrhyw elfen o iaith, cymdeithaseg iaith, llenyddiaeth, hanes neu ddiwylliant modern Cymru, yn cynnig profiadau cyffrous ac amrywiol. Mae'n

meithrin dealltwriaeth ac ysbryd creadigol wrth i ni chwilio am ffyrdd newydd a gwreiddiol o ddehongli diwylliant Cymru a'r iaith Gymraeg a chyfrannu atynt.

Mae ein holl waith addysgu a chyfarwyddo'n dibynnu ar arbenigedd y staff ymchwil ac rydym yn cydweithio â sefydliadau eraill megis Canolfan Uwchefrydiau Cymreig a Cheltaidd Prifysgol Cymru. Mae arbenigedd y staff yn cynnwys amrywiaeth o agweddau ar iaith, cymdeithaseg iaith, llenyddiaeth ar draws y canrifoedd, beirniadaeth lenyddol, ac ysgrifennu creadigol. Cewch y cyfle i ymuno â'n Seminar Gymraeg. Fforwm amlddisgyblaethol yw hwn sy'n rhoi llwyfan i ymchwil ein staff a'n myfyrwyr, ac rydym yn cyfrannu at nifer o raglenni seminar a chynadleddau yn y Brifysgol.

CYRSIAU A ADDYSGIR

Gofynion Mynediad

Gan amlaf, gradd Anrhydedd 2:1 neu uwch yn y Gymraeg neu bwnc cysylltiedig. Gellir ystyried profiad perthnasol ochr yn ochr â phortffolio o waith diweddar hefyd.

Gallu ieithyddol:

Dylai cymwysterau a phrofiad yr ymgeisydd amlygu ei allu/gallu ieithyddol, ond gellir trafod hyn mewn cyfweiliad. Gellir llunio traethawd ymchwil yn Gymraeg neu Saesneg ac mae modd i fyfyrwyr ôl-raddedig ddilyn cyrsiau iaith pwrpasol.

MA Cyfieithu Proffesiynol (rhan-amser ac amser llawn)

Dyma'r radd berffaith ar gyfer y rhai sydd am weithio ym maes cyfieithu. Mae'n tanlinellu pwysigrwydd sgiliau gramadeg ac ysgrifennu da a defnyddio meddalwedd cof cyfieithu. Bydd y cwrs yn ystyried cyfieithu ar gyfer cyhoedd, dull mwy technegol o gyfieithu ar gyfer arbenigwyr, yn ogystal â chyfieithu ar y pryd. Defnyddir amrywiaeth o dechnegau i ddatblygu safonau cyfieithu, gan gynnwys profiad gwaith. Mae'r cyfuniad o gyfieithu gyda thechnoleg cof a datblygu meistrolaeth ieithyddol trwy adborth yn gaffaeliad mawr i raddedigion.

Mae'r rhaglen yn cynnwys:

- Modiwlau cyfieithu uwch ym meysydd addysg, iechyd cyhoeddus a'r gyfraith, lle rhoddir y pwyslais ar safon eich cyfieithu personol
- Nifer o fodiwlau eraill am theori a natur cyfieithu, ochr yn ochr â'r cyfle i ddysgu iaith newydd
- Cyfle i greu cysylltiadau gwerthfawr gyda chwmnïau cyfieithu ac i gael cyfnodau o brofiad gwaith

RHAGLENNI YMCHWIL

Gofynion Mynediad

Gan amlaf, gradd Anrhydedd 2:1 neu uwch yn y Gymraeg neu bwnc cysylltiedig. Disgwylir i fyfyrwyr PhD feddu eisoes ar radd MA, ond cysylltwch â ni ar bob cyfrif i drafod hyn.

Cymraeg – MA drwy Ymchwil/MPhil/PhD (rhan-amser ac amser llawn)

Gwahoddwn geisiadau gan ymgeiswyr cymwysedig sydd â diddordebau ymchwil sy'n cyfateb i'n meysydd rhagoriaeth ymchwil ni:

- Llenyddiaeth ar draws y canrifoedd
- Ysgrifennu Creadigol
- Theoriau Llenyddol
- Technegau a thechnoleg cyfieithu
- Dwyieithrwydd a chynllunio ieithyddol
- Cymraeg i oedolion a chaffael iaith
- Ieithyddiaeth Gymdeithasol
- Diwylliant a lle
- Theatr, drama a ffilm



YSGOLORIAETHAU A BWRSARIAETHAU

Rydym yn cynnig amrywiaeth o gyfleoedd ariannu ar gyfer graddau a addysgir a graddau ymchwil. Mae ein myfyrwyr wedi cael eu hariannu yn y gorffennol gan Gyngor Ymchwil y Celfyddydau a'r Dyniaethau yn ogystal â sefydliadau Cymreig fel y Coleg Cymraeg Cenedlaethol ac Ymddiriedolaeth Pantyfedwen:

swansea.ac.uk/postgraduate/scholarships

swansea.ac.uk/cy/ol-raddedig/ffioedd-ac-ariannu/ysgoloriaethau/

AM FWY O WYBODAETH

Dr Rhian Jones neu'r Athro Tudur Hallam
Ebost: cymraegabertawe@abertawe.ac.uk
Ffôn: +44 (0)1792 295358

abertawe.ac.uk/adranymgymraeg

The School of Management offers specialist MSc courses in economics that are designed to prepare students for a career in government or business, for work as a professional economist, or as preparation for pursuit of an economics PhD or research-oriented career.

In the business world, economics helps provide an understanding of the motives and actions of customers, suppliers, competitors, employers and financiers. Economics, therefore, plays a crucial role in informing the strategic and operational decision making of managers and directors.

Our faculty comprises of industry leaders and internationally recognised research experts, all of which teach on our Economics programmes. Our staff regularly advise organisations and government agencies with

policy development and economic research, and our staff publish in internationally leading research journals.

Students benefit from co-location with industry at the innovative Bay Campus, working alongside companies such as Fujitsu in facilities that boast a stunning beachside location, dedicated teaching space, study rooms and extensive IT facilities equipped with the latest hardware and specialist software.

The School of Management also provides its own in-house careers team. Their wealth of knowledge and industry experience ensures that students receive the best possible support and guidance in finding their chosen career.

TAUGHT COURSES

Entry Requirements

MSc Economics; MSc Economics and Finance: A 2:2 Honours degree in a related discipline.

English Language Requirement

IELTS 6.0 (minimum of 5.5 in each component) or Swansea University recognised equivalent

Modules typically include:

- Econometrics
- Microeconomics
- Macroeconomics
- Research Methods

Optional specialist modules include:

- Industrial Organisation
- Labour Economics Theory
- International Economics
- Development Economics
- Monetary Economics

Modules typically include:

- Corporate Finance
- Econometrics
- Microeconomics
- Macroeconomics

Optional specialist modules include:

- Monetary Economics
- International Economics
- Financial Market Efficiency and Behavioural Finance
- Corporate Governance and Ethics
- Asset Management
- Behavioural Finance
- Equities and Fixed Income Securities

Economics MSc ^{FT}

This programme exposes students to contemporary economic thinking, providing students with a thorough understanding of the core aspects of advanced microeconomics, macroeconomics and econometrics, whilst also providing students with an impressive range of specialist economics topics available for study.

Graduates of this programme may pursue a number of professional economist career pathways in the finance or management consulting industries. The sophisticated and multi-faceted transferable skills acquired on this programme will also provide stepping-stones to a wide variety of alternative career paths in commerce, industry, public service and academia.

Economics and Finance MSc ^{FT}

This joint scheme provides students with a comprehensive grounding in many of the key concepts, modelling approaches and research techniques deployed in key areas of economics (such as microeconomics, macroeconomics and econometrics), which also have important applications within finance.

This course will be of particular interest if you are planning a career in the finance industry or a role which calls for advanced analytical skills. The relationship between economics and finance is close, with finance sometimes viewed as a specialism within economics. The multifaceted aspects of this programme will therefore not only allow you to explore a range of topics within the finance and economic disciplines, but serve as preparation for a number of different career paths.

22nd
IN THE UK

RESEARCH QUALITY
(Complete University Guide 2019)

2nd
HIGHEST EARNERS
TEN YEARS ON IN UK
ECONOMICS GRADUATES
(Institute for Fiscal Studies 2016)

RESEARCH PROGRAMMES

Entry Requirements

MPhil: Normally a first-class or 2:1 Honours degree in economics or finance or a related subject, or an equivalent qualification.

PhD: A Master's degree in economics or finance or a related subject or an equivalent qualification.

English Language Requirement

IELTS 6.5 (minimum of 6.0 in each component) or Swansea University recognised equivalent.

Economics MPhil/PhD ^{FT} ^{PT}

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise.

Applicants are encouraged to explore the research expertise of the School to ensure a good fit between PhD proposals and potential supervisors. Information about current faculty and the School's research groups can be found at: swansea.ac.uk/som/research

FIND OUT MORE

Email: study@swansea.ac.uk
Tel: +44 (0)1792 295358
swansea.ac.uk/som



SCHOLARSHIPS AND BURSARIES

At the School of Management, we are happy to offer financial support for the brightest prospects of the future. It's not just academic excellence we reward – we also recognise and encourage passion for study and involvement in student life.

There are a range of funding opportunities available for both taught and research degrees. swansea.ac.uk/postgraduate/scholarships

Swansea University continues to maintain its position as one of the top universities in the UK for Engineering.

The College of Engineering has recently moved to Swansea University's brand new Bay Campus, which has seven buildings dedicated to engineering, holding over 30,000m² of laboratory and office space and over £10 million of new research and teaching equipment.

It is currently ranked 10th in the UK according to the most recent Research Excellence Framework (REF) in 2014–2021, with 94% of research produced by academic staff classified as World-Leading (4*) or of Internationally Excellent (3*) quality.

Engineers at Swansea pioneered the development of numerical techniques such as the revolutionary finite element method, recognised as one of the top 100 discoveries and developments in UK universities to have changed the world.

A strong multidisciplinary ethic is reflected in the research activities of the College's internationally recognised research centres, together with collaborative work with industry that has led to breakthrough technologies.

These include an artificial lung, a hi-tech diabetes blood glucose monitor, turning buildings into 'power stations' through the use of functional coatings, and a low cost biosensor capable of diagnosing a range of health conditions. Here at the College of Engineering, we have over 500 postgraduate students and 120 research staff who come from around the world. As a postgraduate student, you will have access to our on-site library, open 24 hours a day, state-of-the-art laboratories, a year-round programme of seminars and talks, advanced computing technology and dedicated postgraduate student work rooms.

The College has developed some of the University's strongest links with industry at a local, national, and international level, and has established itself as a leader in engineering development, working in partnership with blue chip companies such as TATA, Rolls-Royce, Airbus, BAE Systems and HP. As a student, you can expect to benefit from close working relationships with industry experts and in many cases, gain valuable experience through industrial placements.

TAUGHT COURSES

Entry Requirements

Normally a 2:2 Honours or above. Please check the website for individual programme entry requirements and for further details.

.....

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

TOP 10
IN THE UK



ENGINEERING
DEPARTMENTS

(Research Excellence Framework 2014–2021)

Aerospace Engineering MSc ^{FT} ^{PT}

This course prepares students for the design, analysis, testing and flight of the full range of aerospace vehicles, including propeller-driven and jet-powered planes, helicopters and gliders.

Students on the course will gain hands-on experience through access to one of the world's most advanced engineering flight simulators housed within the College of Engineering. The course is accredited by the Institution of Mechanical Engineers (IMechE), the Royal Aeronautical Society (RAeS), and the Institution of Engineering Designers (IED).

Modules typically include:

- Structural Integrity of Aerospace Metals
- Advanced Aerodynamics
- Advanced Airframe Structure
- Composite Materials
- Finite Element Computational Analysis
- Flight Dynamics and Control
- Numerical Methods for Partial Differential Equations

Chemical Engineering MSc ^{FT}

The course is built upon a wide range of research and covers specific areas of advanced chemical engineering, as well as the complex regulations that are found in the engineering workplace. The research project provides an opportunity to work with a member of academic staff in a specific area of research and may also involve collaboration with industry. The course is accredited by the Institution of Chemical Engineers (IChemE).

Modules typically include:

- Complex Fluids and Rheology
- Entrepreneurship for Engineers
- Colloid and Interface Science
- Water and Wastewater Engineering
- Membrane Technology
- Environmental Analysis and Legislation
- Optimisation
- Desalination
- Polymers: Properties and Design
- Principles of Nanomedicine
- Nanoscale Structures and Devices
- Pollutant Transport by Groundwater Flows

Civil Engineering MSc ^{FT} ^{PT}

Swansea University has an excellent reputation for civil engineering. The course provides training in civil engineering analysis and design, particularly in modelling and analysis techniques. You will be provided with practical computer experience through the use of computational techniques, using modern software, to provide a solution to a range of current practical civil engineering applications enabling you to apply the approach with confidence in an industrial context. This course is accredited by the Joint Board of Moderators (JBM). The JBM is composed of the Institution of Civil Engineers (ICE), the Institution of Structural Engineers (IStructE), the Chartered Institution of Highways and Transportation (CIHT), and the Institute of Highway Engineers (IHE).

Civil Engineering at Swansea University is recognised as one of the top 200 departments in the world. (QS World Subject Rankings.)

Modules typically include:

- Finite Element Computational Analysis
- Advanced Structural Analysis
- Fluid-Structure Interaction
- Entrepreneurship for Engineers
- Computational Plasticity
- Numerical Methods for Partial Differential Equations
- Computational Case Study
- Reservoir Modelling and Simulation
- Dynamics and Transient Analysis
- Coastal Engineering
- Coastal Processes and Engineering
- Flood Risk Management
- Finite Element Method

Communications Engineering MSc ^{FT} ^{PT}

On this course you will be provided with an in-depth understanding of the technology and architecture of computer communications, photonics and telecommunication networks, wireless telecommunications and related wireless information technologies. The course includes the essential element of modern optical communication systems based on single mode optical fibres from the core to the access, evaluating bandwidth-rich contemporary approaches.

You will be introduced to technologies underlying the compressions and transmission of digital video over networking platforms, gain knowledge on the channel models and associated impairments that typically limit the performance of wireless systems. You will also learn to design optimum digital communication receivers for some basic communications channel models. This course is accredited by the Institution of Engineering and Technology (IET).

Modules typically include:

- RF and Microwaves
- Signals and Systems
- Digital Communications
- Optical Fibre Communications
- Wireless Communications
- Optical Networks
- Communication Skills for Research Engineers
- Entrepreneurship for Engineers
- Micro and Nano Electro-Mechanical Systems
- Lasers and Applications
- Strategic Project Planning

Erasmus Mundus Computational Mechanics MSc ^{FT}

This is a two-year postgraduate programme run by an international consortium of five world-leading Universities, namely Swansea University, Universitat Politècnica de Catalunya (Spain), École Centrale de Nantes (France), University of Stuttgart (Germany) and Tsinghua University (China) in cooperation with the International Centre for Numerical Methods in Engineering (CIMNE, Spain).

You will have a choice of specialisation (i.e. fluids, structures, aerospace, biomedical) by incorporating modules from the four Universities, and will gain a general knowledge of the theory of computational mechanics, including the strengths and weaknesses of the approach. You will also be able to undertake a computational simulation in an industrial context, and be provided with training in the development of new software for the improved simulation of current engineering problems.

The Erasmus Mundus course is accredited by the Joint Board of Moderators (JBM). The JBM is composed of the Institution of Civil Engineers

(ICE), the Institution of Structural Engineers (IStructE), the Chartered Institution of Highways and Transportation (CIHT), and the Institute of Highway Engineers (IHE).

Modules typically include:

- Numerical Methods for Partial Differential Equations
- Finite Element Computational Analysis
- Continuum Mechanics
- Computational Fluid Dynamics
- Fluid-Structure Interaction
- Advanced Fluid Mechanics
- Dynamics and Transient Analysis
- Computational Plasticity
- Nonlinear Continuum Mechanics
- Entrepreneurship for Engineers
- Reservoir Modelling and Simulation
- Communication Skills in a Foreign Language (French/German/Spanish)

Computer Modelling and Finite Elements in Engineering Mechanics MSc ^{FT} ^{PT}

We have long been at the forefront of computational research, and have gained a significant international profile as one of the key international centres for research and training in computational mechanics and engineering. Using mathematical modelling as the basis, computational methods provide procedures which, with the aid of the computer, allow complex problems to be solved.

This course provides a solid foundation in computer modelling and the finite element method in particular and utilises the expertise of academic staff to provide high quality postgraduate training. This course is accredited by the JBM.

Modules typically include:

- Numerical Methods for Partial Differential Equations
- Reservoir Modelling and Simulation
- Solid Mechanics
- Finite Element Computational Analysis
- Advanced Fluid Mechanics
- Computational Plasticity
- Fluid-Structure Interaction
- Nonlinear Continuum Mechanics
- Computational Fluid Dynamics
- Dynamics and Transient Analysis
- Computational Case Study
- Communication Skills for Research Engineers

Electrical and Electronic Engineering MSc ^{FT} ^{PT}

This course is designed for students who have already completed an undergraduate degree in the field of Electrical Engineering or in a similar relevant engineering or science discipline.

You will develop specialist skills aligned with the College of Engineering's research interests and reflecting the needs of the electronics industry. You will have access to industry-standard equipment, such as a scanning tunnelling microscope for atomic scale probing or an hp4124 parameter analyser for power devices used for simulation, implementation and communication. This course is accredited by the Institution of Engineering and Technology (IET).

Modules typically include:

- Communication Skills for Research Engineers
- Energy and Power Electronic Laboratory
- Advanced Power Electronics and Drives
- Wide Band-Gap Electronics
- Power Generation Systems
- Power Systems
- Power Semiconductor Devices
- Modern Control Systems
- Advanced Power Systems
- Signals and Systems
- Digital Communications
- Optical Communications
- Probing at the Nanoscale
- RF and Microwaves
- Wireless Communications
- Optical Networks
- Nanoscale Structures and Devices

Engineering Leadership and Management MSc ^{FT}

It is a well-known fact that engineers and technical graduates have the potential to reach the very pinnacle of management and leadership within business and industry.

This MSc programme, through consultation with business and industry (both large and small), is set to establish the key graduate skills and attributes required to succeed in a management and/or leadership role in the engineering sector. The content of this multidisciplinary course will be very much informed by industry.

Modules typically include:

- Foundations of Management
- Strategy
- Project Management
- Operations Management
- Asset Management
- Circular Economy and Sustainable Engineering
- Enterprise, Innovation and Intellectual Property
- Leadership, Team Development, Communication and Engagement
- Smart Manufacturing
- Virtual Systems
- Project/Dissertation

Materials Engineering MSc ^{FT} ^{PT}

Materials Engineering underpins almost all engineering applications. Swansea University has key research strengths in materials for aerospace applications and steel technology. Students will be provided with the depth of knowledge and breadth of abilities to meet the demands of the international materials industry.

The course provides training and experience in a broad range of topics including metallurgy and materials selection, modern methods used for engineering design and analysis, the relationship between structure, processing and properties for a wide range of materials, advanced composite materials, structural factors that control the mechanical properties of materials, and modern business management issues and techniques. This course is accredited by the Institute of Materials, Minerals and Mining (IOM3).

Modules typically include:

- Composite Materials
- Communication Skills for Research Engineers
- Simulation Based Product Design
- Aerospace Materials Engineering
- Additive Manufacturing
- Structural Integrity of Aerospace Metals
- Ceramics
- Environmental Analysis and Legislation
- Polymers: Properties and Design
- Polymer Processing
- Physical Metallurgy of Steels
- Strategic Project Planning

Mechanical Engineering MSc ^{FT} ^{PT}

This stimulating and rewarding programme is designed for candidates who have already completed an undergraduate degree and who want to further their knowledge before entering employment. It will equip students with the ability to make informed judgements on the most appropriate way to solve a range of mechanical engineering problems, providing graduates with excellent career prospects.

The course covers the development of mechanical engineering tools, methods and techniques for problem solving, the ability to formulate an adequate representation of sets of experimental data and the use of these tools and techniques for real world applications. The research project is of high industrial relevance. This course is accredited by the Institution of Mechanical Engineers (IMechE).

Modules typically include:

- Composite Materials
- Strategic Project Planning
- Simulation Based Product Design
- Advanced Solid Mechanics
- Advanced Thermo Fluid Mechanics
- Additive Manufacturing
- Entrepreneurship for Engineers
- Polymer Processing
- Systems Monitoring, Control, Reliability, Survivability, Integrity and Maintenance
- Metallurgy and Process Optimisation
- Optimisation
- Power Generation Systems

Nanoscience to Nanotechnology MSc ^{FT} ^{PT}

This course covers a broad range of subject areas, from the latest semiconductor fabrication technology through to biological and medical applications, with the emphasis throughout on characterisation and control of materials at the nanoscale.

You will benefit from facilities within the £22 million Centre for Nanohealth at Swansea which includes a state-of-the-art nanotechnology laboratory suite (500m²), housing cutting-edge

fabrication and characterisation facilities. This course is accredited by the Institution of Engineering and Technology (IET).

Modules typically include:

- Strategic Project Planning
- Communication Skills for Research Engineers
- Colloid and Interface Science
- Probing at the Nanoscale
- Wide Band-Gap Electronics
- Soft Nanotechnology
- Nanoscale Structures and Devices
- Nanoscale Simulation
- Principles of Nanomedicine
- Bio-Nanotechnology
- Micro and Nano Electro-Mechanical Systems

Power Engineering and Sustainable Energy MSc ^{FT} ^{PT}

The College of Engineering has an international reputation for electrical and electronics research for energy and advanced semiconductor materials and devices.

This course in Power Engineering and Sustainable Energy places strong emphasis on state-of-the-art semiconductor devices and technologies, advanced power electronics and drives, and advanced power systems. The course also covers conventional and renewable energy generation technologies. Exciting new developments such as wide band gap electronics, energy harvesting, solar cells and biofuels are discussed and recent developments in power electronics are highlighted.

Modules typically include:

- Advanced Power Electronics and Drives
- Power Semiconductor Devices
- Computational Case Study
- Advanced Power Systems
- Energy and Power Electronics Laboratory
- Power Generation Systems
- Modern Control Systems
- Wide Band-Gap Electronics
- Environmental Analysis and Legislation
- Communication Skills for Research Engineers

Sustainable Engineering Management for International Development MSc ^{FT}

The majority of the world's construction is now informal and located in the Global South, namely "developing countries, which are located primarily in the Southern Hemisphere" (UNDP). These new world environments face multiple challenges, from reducing extreme poverty and providing food for the expected 10 billion people by 2050, to dealing with the threats of manmade climate change and irreversible loss of bio-diversity and natural habitats.

In the face of this, we urgently need to develop a new generation of practitioners who can think rapidly and flexibly and act in the absence of complete information to support and improve the quality of life for both urban and rural dwellers of the future. These practitioners will need to understand and be able to enhance environments through myriad engineering issues and develop designs in collaboration with the communities they serve. This cross-disciplinary programme will develop a new generation of practitioners who can lead this development, developing practical engineering solutions to building in resilience for local communities in the face of rapid urbanisation.

Modules typically include:

- Introduction to Development Studies
- Leadership, Team Development and Innovative Thinking
- Complexity, Uncertainty, Risk and Failure
- Tools for International Development
- Concept Development & Application
- Project Management
- Monitoring & Impact Evaluation for International Development
- Community Engagement
- Socio-economic and Political Implications of Engineering Solutions
- Circular Economy and Sustainable Engineering

RESEARCH PROGRAMMES

Entry Requirements

MPhil/PhD: Normally a 2:1 Honours degree or a Master's degree or an equivalent qualification.

MRes: Normally a 2:1 Honours degree or above in a subject relevant to the area of research.

Please check the website for the latest entry requirements and for further details.

.....

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Communication Systems MRes ^{FT} ^{PT}

This programme gives you the chance to study in an environment with international recognition for the advancement and dissemination of knowledge communication and photonic systems. In addition to taught modules, you will complete a substantial research project involving independent research linked to an industrially relevant problem.

Modules typically include:

- Signals and Systems
- Digital Communications
- Optical Communications
- Communication Skills for Research Engineers
- Network Protocols and Architectures
- Software for smart phones

Computer Modelling in Engineering MRes ^{FT}

This MRes is suitable for those who are interested in gaining a solid understanding of computer modelling, specialising in either structures or fluids. On this course, you will have access to excellent computing facilities within the Zienkiewicz Centre for Computational Engineering, including a state-of-the-art multiprocessor supercomputer with virtual reality facilities and high-speed networking. This course is accredited by the Joint Board of Moderators (JBM). The JBM is composed of the Institution of Civil Engineers (ICE), the Institution of Structural Engineers (IStructE), the Chartered Institution of Highways and Transportation (CIHT), and the Institute of Highway Engineers (IHE).

Modules typically include:

- Finite Element and Computational Analysis
- Numerical Methods for Partial Differential Equations
- Solid Mechanics
- Advanced Fluid Mechanics
- Dynamics and Transient Analysis
- Communication Skills for Research Engineers

Engineering Doctorate EngD **FT** **PT**

Our EngD projects are defined by our long standing industrial sponsors and address operational requirements identified by these companies. Projects are focused on our established areas of engineering expertise.

We are a leader in developing new manufacturing processes and products, such as functional coatings. Our research in this area is led by the SPECIFIC project, in collaboration with Tata Steel.

Research into advanced, structural materials is undertaken in conjunction with the Rolls-Royce University Technology Centre (UTC) in Materials based at Swansea. These projects are funded by the EPSRC Strategic Partnership in Structural Metals for Gas Turbines.

We offer EngD programmes in the research areas of functional coatings and advanced manufacturing.
swansea.ac.uk/engineering/engd

Aerospace Engineering MSc
by Research/ MPhil/PhD **FT** **PT**

Bio-Process Engineering MSc
by Research/MPhil/PhD **FT** **PT**

Chemical Engineering MSc
by Research/MPhil/PhD **FT** **PT**

Civil Engineering MSc
by Research/MPhil/PhD **FT** **PT**

Desalination and Water Re-use MSc
by Research **FT** **PT**

Electrical and Electronic Engineering MSc
by Research/MPhil/PhD **FT** **PT**

Energy Innovation MSc
by Research/PhD **FT** **PT**

Fuel Technology MSc by Research **FT** **PT**

Intelligent Wireless Networks for Health Care MSc by Research **FT** **PT**

Materials Engineering MSc
by Research/MPhil/PhD **FT** **PT**

Mechanical Engineering MSc
by Research **FT** **PT**

Medical Engineering MSc by Research **FT** **PT**

Membrane Technology MSc **FT** **PT**

Micro Sensors and Actuators MSc
by Research **FT** **PT**

Nanoelectronics MSc by Research **FT** **PT**

Nanotechnology MSc
by Research MPhil/PhD **FT** **PT**

Simulation Driven Product Design MSc
by Research **FT** **PT**

Tissue Engineering and Regenerative Medicine MSc by Research **FT** **PT**

Visit our College of Engineering research website for more information on:

- Our world-class strategic technology centres
- Our thematic research centres and groups
- Our current research areas and projects

swansea.ac.uk/engineering/research

Harnessing Energy

The SPECIFIC (Sustainable Product Engineering Centre for Innovative Functional Industrial Coatings) project is a five year venture led by Swansea University and Tata Steel.

It aims to transform buildings into 'power stations' by using functional coatings on steel and glass to enable energy capture, storage and release, and will create ground-breaking, clean, safe, renewable energy applications that will be industrialised and available commercially, within the life of the project.

These innovative products will revolutionise the construction sector – with the strategic ambition to generate over one third of the UK's total target renewable energy by 2020; reducing CO₂ output by 6 million tonnes per year; and creating new jobs in high-value manufacturing.

Find out more information at specific.eu.com



Pre-master's pathway available for Power Engineering and Sustainable Energy MSc (international students only), see page 44



SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available.

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/engineering

GREAT MINDS

Professor Serena Margadonna

Chair in Materials Engineering – pioneering multidisciplinary research for environmentally sustainable solutions to the global energy challenge.



“It is in the course of their university studies that young people learn how to think independently, establish the basis of their knowledge, and develop the analytical skills that they will use in their professional life.”

Professor Margadonna has, over the years, acquired knowledge and know-how in a number of fields in science indispensable for the design and production of new smart materials, through chemistry, condensed matter physics and process engineering.

Recently appointed to a Chair in Materials Engineering, Professor Margadonna's work has been inspired by the simple realisation that major advances in modern technology are always driven by the availability of materials which possess a number of functionalities and are able to operate at different length scales, in harsh conditions such as extremes of pressures/temperature and highly tough environments.

Professor Margadonna said: “The performance requirements for materials are increasingly demanding and necessitate a truly multidisciplinary research.”

Her interdisciplinary approach has produced a number of significant advances which have attracted peer-recognition

as shown by a number of high-impact publications, number of citations and international awards.

Professor Margadonna's current research focuses on new materials and process technologies related to energy production, transport and storage. Her vision is to give a contribution to the global energy challenge by developing cost-efficient and environmentally sustainable solutions.

Serena is committed to providing an excellent teaching and training experience. She said: “Throughout my career, I have always strongly believed that knowledge transfer and high quality education is the key for improving the standard of life for future generations.

“It is in the course of their university studies that young people learn how to think independently, establish the basis of their knowledge, and develop the analytical skills that they will use in their professional life.”



ENGLISH LITERATURE AND CREATIVE WRITING

SINGLETON PARK CAMPUS

English Literature at Swansea University has been a respected centre for research into medieval, Renaissance and eighteenth-century literature for nearly 100 years.

Today it is equally renowned for expertise in Gender Studies, Welsh Writing in English, Contemporary Literature, and Creative Writing. Many of the staff are sought after as experts appearing on radio

and TV, and write regularly for broadsheet newspapers and major reviews. In the 2014–2021 UK Government REF rankings, research in English and Creative Writing at Swansea were rated 7th in the UK and 1st in Wales, with a high proportion of Swansea’s research judged ‘internationally excellent’ or ‘world-leading’. The impact of English and Creative Writing’s research was ranked equal 1st in the UK.

TAUGHT COURSES

Entry Requirements
For the MA in English Literature and the MA in Welsh Writing in English, we normally require a 2:1 Honours degree or above in English Literature or a related subject or an equivalent qualification. We may also ask to see examples of written work.

For the MA in Creative Writing and the MA Medieval Studies, we normally require a 2:2 Honours degree (average 55% or above) or an equivalent qualification

English Language Requirement
IELTS 6.5 (with a minimum of 5.5 in each component).

Creative Writing MA **FT PT**
The MA in Creative Writing is a unique programme offering integrated teaching in literary and performance writing. A prize-winning staff of professional writers provide core teaching in fiction, poetry, non-fiction and drama, and guide students through individual pathways in the major genres of contemporary writing. You will benefit from visits by representatives from the worlds of arts and publishing.

- Modules typically include:**
- Creative Non-Fiction and Travel Writing
 - International Dramaturgy
 - Nature Writing
 - Screenwriting
 - Thriller Writing
 - The Art of the Short Story
 - Long Fiction (1 and 2)

- Writing for Radio and Drama
- Writing for the Stage
- Poetry (1 and 2)
- Writing the Self

Creative Writing MA (extended) **FT PT**
This Extended MA programme combines the MA Creative Writing with a period of study abroad in either the Philippines or USA. The additional semester makes the EMA equivalent in credits to a European MA.

English Literature MA **FT PT**
This MA offers students a wide range of options in English Literature studies and draws on the individual research expertise of members of staff. Students can also select modules from the MA in Welsh Writing in English and the MA in Creative Writing, as well as literature modules from other MA programmes taught in the College of Arts and Humanities.

- Modules typically include:**
- Angela Carter
 - James Joyce and Literary Theory
 - Modernist Writing in London, Paris and New York
 - Neo-Victorian Mutinies: Gender and Racial Trauma in Neo-Victorian Fiction (and Film)
 - Practicing Ideas: Advanced Research Skills
 - The Queer Middle Ages: Bodies, Textuality and Objects
 - The Romantic Sublime
 - Was Eve Framed? Theorising the Medieval Walled Garden

Medieval Studies MA/PGDip/PGCert **FT PT**
The MA in Medieval Studies draws on the expertise of staff working on both medieval history and medieval language and literature.

The MA covers Late Antiquity to the Renaissance, and the British Isles and France to Italy and the Holy Land. Areas of particular staff expertise include gender, religion and belief, urban and rural cultures, health, medicine and the body, language and multilingualism, and social, spiritual, and cultural identities. You will have the opportunity to become familiar with the medieval heritage of South Wales and the surrounding region, through work with the West Glamorgan Record Office and the library of Hereford Cathedral and through contact with the organisations that are responsible for the preservation of Welsh historical sites, Cadw and the Royal Commission for the Ancient and Historical Monuments of Wales.

- Modules typically include:**
- Introduction to Advanced Medieval Studies 1: Skills and Approaches
 - Introduction to Advanced Medieval Studies 2: Themes and Sources
 - Gender and Humour in Medieval and Early Modern Europe
 - Heritage
 - Latin
 - Medieval Manuscripts
 - The Normans in Western Europe and the Mediterranean
 - The Queer Middle Ages: Bodies, Textuality and Objects
 - Saints and Sinners in Christian Late Antiquity
 - Was Eve Framed? Theorising the Medieval Walled Garden

Welsh Writing in English MA **FT PT**
The MA in Welsh Writing in English is a unique programme taught as part of the work of CREW (The Centre for Research into the English Literature and Language of Wales). The modules offer students innovative contexts in which to explore the emergence and development of the English language and literature of Wales, whilst also addressing that literature’s political, social, and gendered dimensions.

Students can also select modules from the MA in English Literature and the MA in Creative Writing, as well as literature modules from other MA programmes taught in the College of Arts and Humanities.

- Modules typically include:**
- ‘American Wales’: Writing the Transatlantic
 - Dylan Thomas and the Rise of Welsh Writing in English
 - Gender, Genre and the Nation: Women Writing Modern Wales
 - Practicing Ideas: Advanced Research Skills
 - Welsh Identities: Literature and Nationhood

RESEARCH PROGRAMMES

Entry Requirements
MA by Research/MPhil/PhD: Normally a 2:1 Honours degree or above in English or an equivalent qualification.

.....

English Language Requirement
IELTS 6.5 (with a minimum of 6.5 each component) or Swansea University recognised equivalent.

Creative Writing MPhil/PhD **FT PT**
Swansea offers a ground-breaking postgraduate Creative Writing programme led by tutors of world-class stature. The course will provide you with a wide spectrum of skills and a research dialogue across the genres, from the worlds of poetry and long fiction to those of stage drama, screenwriting, creative non-fiction and travel writing. The Creative Writing PhD will involve you in a three-year experience of close mentoring with a writer-teacher distinguished in the genre in which you write. You will also benefit from the rich interchange of knowledge within the Creative Writing PhD workshops, held monthly.

English Literature MA by Research/MPhil/PhD **FT PT**
Research in English Literature at Swansea is innovative, collaborative, and often interdisciplinary. It involves three years of close mentoring by an expert in your chosen topic or field of studies, and the opportunity to participate in a vibrant research culture of guest lectures, seminars, academic training workshops, and postgraduate student conferences. Research proposals will be considered on any English Literature related topic, but should generally fall broadly into our staff’s areas of research specialism.

PhD programmes are supported by the following University Research Centres, supported by the Research Institute for Arts and Humanities (RIAH):

Centre for Medieval and Early Modern Research (MEMO)
MEMO supports academic staff and postgraduate students who work on historical, linguistic, and literary topics from Late Antiquity to c.1800. Its members have won significant funding from the AHRC, the Leverhulme Trust, and the Wellcome Trust in recent years.

- The Centre’s current research themes are:
- Nature and Nurture (including Gender, Health, and The Body)
 - Power, Conflict, and Empire
 - Space and Place
 - Texts and their Contexts
 - The Enduring Past
 - Wales, England and the Marches

Centre for Research into the English Literature and Language of Wales (CREW)
Acknowledged as the international leader in this field of literary and cultural study, CREW has developed an extensive programme of teaching and research.

The Centre has a vibrant postgraduate research community and benefits from unique resources, including the diaries of Richard Burton, the papers of Raymond Williams, and a recently rediscovered notebook by Dylan Thomas. CREW’s research projects cover the following areas:

- Cultural History
- Digital Humanities
- Gender Studies

- Postcolonial Studies
- Transatlantic Connections
- Visual Culture

The Centre for Research into Gender and Culture in Society (GENCAS)
GENCAS is an interdisciplinary research body bringing together staff and postgraduate students from across the University who conduct research into gender, enabling members to share their expertise and work collaboratively.

The Centre hosts conferences, symposia and workshops, providing a stimulating environment for PhD students. Scholarly work spans a range of disciplines including:

- Business Studies
- English Literature
- History, Classics and Egyptology
- Media and Communication
- Medicine and Midwifery
- Modern Languages
- Translation Studies

You are encouraged to attend the regular research seminars and lectures run by the Research Institute for Arts and Humanities (RIAH) and the conferences and regular seminar programmes held by the research centres and groups throughout the year.

All research students belong to the Graduate Centre in the College of Arts and Humanities. The Centre provides pastoral as well as administrative support and is also responsible for research skills training and support, while facilitating a lively intellectual environment for the College’s postgraduate research community of 200 students.

swansea.ac.uk/riah/graduate-centre

SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available. Funding may also be available from the Arts and Humanities Council. For details, please visit:

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE
Email: study@swansea.ac.uk
Tel: +44 (0)1792 295358
swansea.ac.uk/artsandhumanities

We are recognised as one of the foremost global centres for teaching and research in human and physical geography. In the 2014–2021 Research Excellence Framework (REF) the Department of Geography at Swansea University was ranked 8th in the UK for research impact and 11th in the UK for research environment. Our research environment and the impact of our research were both judged to be 100% world-leading or internationally excellent.

Our internationally active research staff and large community of postgraduate researchers create a dynamic and inspirational environment in which to study. You will also benefit from our exceptional facilities for Earth Observation work, for climate and glaciological modelling, and specialist laboratory suites for stable isotope ratio analysis; tree ring analysis; extraction and identification of organic compounds; pollen extraction and analysis; rainfall simulation; tephra analysis; soil and sediment characterisation.

TAUGHT COURSES

Entry Requirements

Typically a minimum of a 2:2 (with 55% average) Honours degree or equivalent in an appropriate subject.

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Environmental Dynamics and Climate Change MSc

This inter-disciplinary course places particular emphasis on the scientific basis behind regional and global climatic change, and limitations of models and data collection techniques. You will develop extensive knowledge of the current scientific issues underpinning environmental change and ecosystem dynamics, and the practical problem solving, ICT, and communication skills required for a successful career in the environmental service industry, regulating bodies or academia.

Geographic Information and Climate Change MSc

This course provides cross-disciplinary training in the scientific basis of GIS, satellite remote sensing and earth system modelling alongside aspects of climate change. The course places particular emphasis on the technical aspects of GIS and earth observation as well as the past, present and future global and regional environmental and climatic change.

For the above two courses modules typically include:

- Climate change
- Climate science and policy
- Core science skills
- Ecosystems
- Environmental assessment and management
- Geographical information systems
- Modelling earth systems
- Principles of environmental dynamics
- Satellite remote sensing

RESEARCH PROGRAMMES

Entry Requirements

Normally a 2:1 Honours degree or a Master's degree with Merit or an equivalent qualification. Research-training recognition for human geography applications is desired.

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Human Geography MPhil/PhD

Physical Geography MPhil/PhD

Earth Observation MSc by Research

Environmental Dynamics MSc

by Research

Glaciology MSc by Research

Global Environmental Modelling MSc

by Research

Global Migration MSc by Research

Media Geographics MSc by Research

Social Theory and Space MSc

by Research

Urban Studies MSc by Research

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise focused around the following research groupings:

Environmental Dynamics Group

Research interests: Understanding environmental variability throughout the Quaternary and the effects of future climatic change; regions especially sensitive to environmental change (tropical, cold and wildfire-prone); interactions between climate change, human disturbance and catastrophic events.

Glaciology Group

Research interests: glaciology and the cryosphere, specialising in understanding the processes that regulate glacier dynamics, calving, flow instabilities and surging, and fast glacier flow.

Global Environmental Modelling and Earth Observation Group (GEMEO)

Research interests: using satellite and airborne remote sensing data, surface observational data, land-surface models and ecosystem models to understand the response of the biosphere to variations in climate.

Migration, Boundaries, and Identities Group

Research interests: the social and political construction of place, nationalism and nationhood; relationships between international migration, globalization and the

conceptualisation of place; geographies of exclusion, particularly as these relate to issues of race, gender and childhood.

Social Theory and Urban Space Group

Research interests: advancing theoretically informed understandings of space and spatiality, with particular reference to modern and postmodern cities.



SCHOLARSHIPS AND BURSARIES

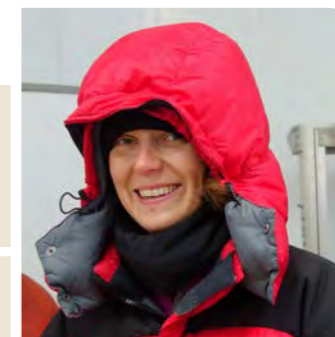
A range of postgraduate scholarships and bursaries are available. Please visit: swansea.ac.uk/science/postgraduatescholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/geography



GREAT MINDS

Professor Siwan Davies

World-leading researcher on rapid climate change.

“My work on microscopic ash particles is exciting but also challenging and I love it. It’s also a thrill to lead and inspire a team of researchers towards our scientific goals.”

Siwan Davies is a Professor in Geography and uses volcanic ash to help improve our understanding of when our climate changed abruptly in the past. She is an inspiring scientist and recipient of the Philip Leverhulme Prize (2011) and Lyell Fund (2013). She is a Fellow of the Learned Society of Wales.

Originally from Newport, Pembrokeshire, and after graduating in Geography from the University of Oxford, Siwan completed a Master's and PhD at Royal Holloway, University of London in 2002. Following post-doctoral appointments at Stockholm University and the University of Copenhagen, she joined Swansea University as a Lecturer in 2004 and quickly climbed the academic career ladder to be awarded a Personal Chair in 2012.

Her research has secured funding from NERC, The Leverhulme Trust and the European Research Council (ERC) and she now leads a team of post-doctoral researchers and PhD students. The ERC-funded research project, TRACE,

aims to use volcanic ash layers present in the Greenland ice-cores and North Atlantic marine records to assess whether the atmosphere or the oceans drove Northern Hemisphere climate change in the past. Professor Davies said: “This is a big question in climate science and my work on microscopic ash particles can provide the answers. The work is exciting but also challenging and I love it. It’s also a thrill to lead and inspire a team of researchers towards our scientific goals.”

Siwan also takes her work to the public and is the presenter of a hugely successful TV documentary series on climate change “Her yr Hinsawdd” for S4C. Siwan has travelled all over the world to see the impact of climate change on people today and continues her journey in the second series.

Siwan contributes to Welsh-medium teaching at Swansea and across Wales and is actively engaged with the work of the Coleg Cymraeg Cenedlaethol.



GERONTOLOGY AND AGEING STUDIES

SINGLETON PARK CAMPUS

The Centre for Innovative Ageing, based in the College of Human and Health Sciences, is at the forefront of interdisciplinary work on gerontology and ageing.

The Centre hosts the Older People and Ageing Research and Development Network and the Centre for Ageing and Dementia Research. Its strong national and international links, as well as the unrivalled connections with policymakers and practitioners, set the Centre apart from others in the UK, placing it at the cutting edge of research into ageing.

The most recent Research Excellence Framework in 2014–2021, highlighted that in terms of our research outputs within our unit of assessment, we were ranked 3rd in the UK. With our research into gerontology and ageing demonstrating outstanding quality in originality, significance and rigour, students can be assured our taught courses are informed by the latest findings while research students will be immersed in the dynamic and supportive research culture needed for their studies.

Our recent research collaborations include: Age Cymru; Economic and Social Research Council (ESRC); Older People's Commissioner (OPC); National Institute for Social Care and Health Research (NISCHR); Arts and Humanities Research Council (ARHC); Leverhulme Trust and the Welsh Government. These collaborations have been crucial in ensuring research informs, and is informed by, the wider health and social care environment.

The Centre aims to ensure that its research activity is translated into economic growth in commerce and industry, as well as providing practical solutions for an ageing population in both the private and public sector. It provides an exceptional training ground for researchers and postgraduates, attracting some of the finest students from around the world. Our PhD programme also forms part of the ESRC Doctoral Training Centre for Wales, a pan-Wales collaboration to train top-level social scientists.

TAUGHT COURSES

Entry Requirements

A 2:2 Honours degree or equivalent or relevant work experience. Candidates with non-standard entry requirements are welcomed and are encouraged to contact us for more information about their suitability.

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Gerontology and Ageing Studies

MSc/ PGDip/PGCert **FT** **PT**

This Master's is designed to meet employer needs. The programme provides the knowledge and experience needed to work with older people, design policies, manage and deliver services and manufacture products for an ageing population. It provides students with a unique insight into the policy differences between the devolved countries of the UK and across the globe while shifting the central focus from the medical model of ageing, to one that encompasses a range of disciplines including psychology, sociology and demography, viewing ageing more positively.

Modules include:

- Environment and ageing
- Foundations in research
- Health and ageing
- Older people, citizenship and participation
- Perspectives on ageing
- Ageing in a global context
- Psychology of ageing

RESEARCH PROGRAMMES

Entry Requirements

MPhil: Normally an Honours degree (2:1 or above) in a discipline related to the chosen specialty, or a relevant, approved postgraduate qualification.

PhD: Applicants would normally have, or be studying for, a Master's degree.

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

Gerontology and Ageing Studies

MPhil/PhD **FT** **PT**

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise.

The College leads the way for research on the civic and social engagement and participation of older people, and the disruption of this engagement by personal and structural factors. Our interests also encompass the influence that the natural and built-up environment has on the ageing population, as well as care provision for the older person across such areas as social care, health care, residential care, palliative care, chronic conditions, and falls and their prevention.

Students are currently exploring topics such as dementia care environments, age friendly communities for people with mobility difficulties and the driving cessation process amongst older drivers.



Pre-master's pathway available for Gerontology and Ageing Studies MSc/ PGDip/ PGCert (international students only), see page 44



SCHOLARSHIPS AND BURSARIES

We offer a range of funding opportunities for both taught and research degrees. Recently we have attracted funding for postgraduate study from organisations such as the ESRC, Care and Repair HMT Sancta Maria and City and County of Swansea. swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/humanandhealthsciences



As a forerunner in its field, the College of Human and Health Sciences is bringing about real-life benefits for the health care, voluntary and private sectors, ultimately leading to improvements for patients, practitioners, managers and policymakers. The College is well-placed to respond rapidly to changes in the delivery of care thanks to long-established and reputable links with the NHS in the UK, Social Services and many private sector companies. Our researchers are continually working to tackle the challenges facing the health care system, from biomedical studies to service organisation, workforce practices and public health through to policy and ethics. The Research Excellence Framework 2014–2021 revealed that over 75% of research across the College was of internationally excellent or

world-leading quality. With our research in health demonstrating such outstanding quality in originality, significance and rigour, students can be assured our taught courses are informed by the latest findings while research students will find themselves immersed in the dynamic and supportive research culture needed for their studies. Our recent research collaborations include: Public Health Wales; European Union; Amgen Europe; Ministry of Defence; GlaxoSmithKline Biologicals; British Medical Association; National Institute for Social Care and Health Research; AstraZeneca; Wellcome Trust and the Welsh Government. These collaborations have been crucial in ensuring research informs, and is informed by, the wider health care environment.

TAUGHT COURSES

Entry Requirements

Please see individual course details.

English Language Requirement

For all full-time Health Science taught programmes: IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Advanced Practice in Healthcare
MSc/PGDip PT

This programme enables experienced health care professionals to develop their skills and knowledge to an advanced level of practice. The programme is consistent with current thinking on advanced practice and complies with the competencies provided by the Royal College of Nursing, 2012 (RCN) and their high standards of course delivery. Students will develop advanced critical and creative thinking skills in relation to clinical practice while further developing knowledge and skills in their roles as researchers, educators, managers and leaders.

Modules typically include:

- Advanced practice and education
- Advanced practice: management and leadership
- Anatomy, physiology and pathophysiology
- Clinical assessment and diagnostic skills
- Foundations in research

Entry requirements

Normally a 2:2 degree or its equivalent in a relevant subject. Applicants without a first degree may be considered if they have sufficient clinical experience (at least three years' experience as a first level health care professional is required) and evidence of recent study at Level 6 or equivalent. This will be at the discretion of the Admissions Team.

Applicants also need to be registered as first level health care professionals with possession of a good professional portfolio and because of the clinical nature of this course, applicants will need to be working in clinical practice and have the support of their manager. All applicants will be profiled to consider any equivalent prior learning.

Please note: Advanced Practice in Health Care is not open to international applicants.

Advanced Specialist Blood Transfusion
MSc/PGDip/PGCert PT

Delivered in partnership with the British Blood Transfusion Society, this work-based learning programme is suitable for current and aspiring transfusion practitioners, and nurses working in roles where blood transfusion is a key element. The programme develops skills, knowledge and understanding of blood transfusion while encouraging students to apply critical thinking and analysis to influence and change practice.

Modules typically include:

- The work place learning journey

- The history, science and practice of blood transfusion
- Clinical governance and its impact on managing adverse events in blood transfusion
- Advanced specialist practice in blood transfusion
- Advanced clinical governance and contemporary issues
- Professional practice in advanced specialist blood transfusion practice

Entry requirements

Applicants must:

- Hold a UK 2.2 degree or higher (negotiable)
- Work as a registered practitioner
- Have a minimum of two years' experience post qualification
- Be employed in an appropriate role and deemed competent by their employer to undertake the course
- Be approved by the programme manager and a member of BBTS
- Have written confirmation of support from their employer
- Identify an appropriate clinical facilitator to support them in practice (negotiated by the programme manager and a member of the BBTS)

Part-time workers must have practised for a sufficient period to be deemed competent by their employer and applicants with non-standard entry requirements may be admitted on the basis of relevant work experience.

This qualification is for staff working in a predominately clinical transfusion environment (i.e. Nurses, Transfusion/ Haemovigilance Practitioners). It is not suitable for those who work in a laboratory environment (e.g. BMS, MLT or equivalent) and require a Scientific Transfusion Practice qualification.

Please note: This programme is not open to international applicants.

Approved Mental Health Professional
PGCert FT

The only course of its kind in Wales, this programme is for those intending to become Approved Mental Health Professionals (AMHPs). It has been introduced to meet the new roles and responsibilities for professionals working with individuals who are considered for, and who become subject to compulsory hospital admission and/or treatment and aftercare introduced in the Mental Health Act 2007. The programme is validated by the Care Council for Wales and is designed to meet the key competencies required by the Welsh Government and the key skills considered by the Care Council for Wales to be appropriate for the role.

Modules typically include:

- Policy and law in mental health services
- Professional decision making and partnership in the mental health services
- Understanding mental health and mental distress
- Values based practice and ethical decision making in mental health services

Funding

This programme is funded through health and social service employers and students should seek agreement for nomination to allow access to this programme.

Entry requirements

Candidates (who must be social workers, nurses, psychologists or occupational therapists) must be registered with their professional body and have at least two years' post-qualifying experience, together with relevant experience of working with people with mental disorders. They should have the support of their employer and access to appropriate learning opportunities. Interested health and social service staff should make initial contact with the Agency Liaison Person from their local authority to seek agreement for nominations.

Candidates should also have either a bachelor's or master's degree or in exceptional circumstances, where this academic requirement is not met, applicants must demonstrate that their experience and qualifications equip them to undertake postgraduate study. This can be evidenced by, for example, a relevant Post-Qualifying Award. Candidates who do not hold a degree may be required to attend an interview.

Please note: This programme is not open to international applicants.

Blood Component Transfusion PGCert FT PT

This programme has been developed in direct response to a request from the 'Better Blood Transfusion Team' in the Welsh Blood Service. The accredited programme enables experienced non-medical healthcare practitioners (HCPs) to make the clinical decision and provide the written instruction for blood component transfusion to patients within their own clinical specialty, and within their own areas of competence and expertise.

Modules typically include:

- Principles of safe practice in clinical transfusion management

Entry requirements

Applicants must hold a relevant professional qualification and work in an area where there is a recognised clinical need for non-medical authorisation of blood component transfusion. They must also have at least three years' post-registration experience in their specialist clinical area with frequent exposure to blood component transfusion. There must be a designated medical mentor who is responsible for supporting the student throughout the work based learning and assessment. Applicants must also have the support of their line manager.

Please note: This programme is not open to international applicants.

Community and Primary Health Care
Practice MSc/PGDip/PGCert PT

This dynamic programme provides a flexible opportunity for practitioners wishing to enhance their leadership, research and educational expertise within public health, community and primary health care. Students will be encouraged to explore and reflect on their own public health, community and primary health care practice with the potential for contribution to the development of innovative, cross-disciplinary research outputs.

Modules typically include:

- Working in community and primary health care practice
- Working with individuals, families and communities in primary health care practice
- Working in community and primary mental health care practice
- Continuing your professional development
- Foundations in research

Entry requirements

A minimum of a 2:2 Honours degree, or an equivalent recognised qualification. Applicants without a first degree may be considered if they have sufficient clinical experience and evidence of recent study at Level 6 or equivalent. Applicants must be registered practitioners working in a community related role.

Please note: Community and Primary Health Care Practice is not open to international applicants.

Community Health Studies,
Specialist Practice Award in District
NursingMSc/PGDip FT PT

This course aims to develop expert practitioners in the field of district nursing practice; equipping practitioners to lead and manage teams within an integrated setting. Successfully completing this MSc/PGDip will enable registrants to meet the NMC standards for specialist practice in district nursing (SPDN) and the V100 qualification (community nurse prescriber). All modules have a split of 50% theory and 50% practice which enhances the nurse academic skills as well as developing leadership, decision making and clinical reasoning skills, team-working and management abilities in conjunction with clinical expertise.

Modules typically include:

- Fundamentals of Community Practice
- Working in Community and Primary Health Care Practice
- Research and Development in District Nurse Practice
- Developing Clinical Expertise in Contemporary District Nurse Practice
- Advancing Skills in Management and Leadership for District Nurse Practice
- Nurse Prescribing for Specialist Practice District Nurses (V100)
- Application of Nurse prescribing principles to a specialist field of practice



Entry requirements

Applicants should apply directly to the College of Human and Health Sciences.

Applicants must have an entry on part 1 of the register (Adult nurse). Applicants with an honours degree, working in the field of community nursing practice will be considered for entry to the programme. At least one-year post-registration experience is required. Applicants should have evidence of recent academic study.

Candidates will need to provide:

- Evidence of successfully completing an honours degree or equivalent qualification
- A current enhanced DBS disclosure
- Evidence of support from your Professional Lead for District Nursing Practice in order to be able to access secured funding (WEDS/HEIW funded places only apply to nurses working for the NHS in Wales). Nurses working outside the NHS or outside Wales must provide evidence of funding on application.

A suitable practice placement plus a Sign-off Mentor or Practice Teacher must be available in order to support the 50% practice component.

Candidates who meet the above criteria will be invited to attend an interview.

Education for the Health Professions MA/PGDip/PGCert ^{PT}

This programme has been designed specifically to meet the needs of the health care professional engaged in education in the clinical and/or academic setting. It will enable students to gain an in-depth understanding of educational principles and values and develop their expertise in teaching, assessing and supervision as well as developing their careers in the field of professional health care education. The course has been granted approval by the Nursing and Midwifery Council for a recordable teaching qualification and is also accredited for Fellowship by the Higher Education Academy and Membership of the Academy of Medical Educators.

Modules typically include:

- Assessment and feedback
- Designing and evaluating your teaching
- Evidence and theory based education

- Leadership in practice
- Mentoring and supervision
- Researching educational practice
- Teaching and learning for practice teachers
- Teaching and learning for the health professions' educators

Entry requirements

Applicants must be either health professionals who teach in the workplace, or academics who teach the health professions in higher education.

Applicants must have an appropriate degree or its equivalent from an approved institution (preferably 2:2 or above) and evidence of recent academic study or a professional qualification and a minimum of two years' relevant work experience with responsibilities considered by the University to be acceptable for the purposes of postgraduate admission.

Please note: Registered nurses and midwives seeking to achieve either Practice Teacher (Stage 3 of the NMC (2008) Standards for Supporting Learning and Assessment in Practice (SLAiP)) or Teacher status (Stage 4 of the NMC (2008) SLAiP) must be able to demonstrate that they have developed their own knowledge, skills and competence beyond registration i.e. registered and worked for at least two years, and gained additional qualifications that will support students (NMC 2008). They must also demonstrate that they have studied at Level 6 (Degree level).

Please note: Education for the Health Professions is not open to international applicants.

Enhanced Neonatal Care PGCert ^{PT}

This programme enables neonatal staff to improve their skills within this specialised clinical environment which facilitates improved patient care and increased staff knowledge and competence.

As part of this course, clinical staff in ABMU neonatal units deliver an in-house programme of study known as the NEST programme (Neonatal Enhanced Skills Training programme). The programme enables students to enhance their knowledge and understanding, as well as clinical skills, in areas such as venepuncture and blood gas analysis. Underpinning theory and

knowledge pertinent to the care of neonates is demonstrated through the development of a portfolio of evidence and accompanying narrative.

Modules typically include:

- Developing your neonatal clinical practice
- Enhancing your neonatal enhanced practice

Entry requirements

Students need to be qualified in speciality, with experience of caring for neonates and be currently working with neonates, with access to a suitable clinical mentor.

Please note: Enhanced Neonatal Care is not open to international applicants.

Enhanced Professional Midwifery Practice MSc/PGDip/PGCert ^{PT}

This work-based, modular postgraduate degree is specifically geared towards the needs of practising and registered midwives. The practice-focused programme will enhance midwifery knowledge, clinical reasoning and decision-making skills while supporting students to develop skills in reflection and critical thinking.

Midwives completing the programme will develop as autonomous learners who can think more critically and apply theory, experience and academic literature to the development and enhancement of their practice – skills which are highly desirable for midwives seeking career development opportunities.

Modules typically include:

- Developing expertise in the supervision of midwives
- Professional midwifery practice portfolio

Entry requirements

Applicants must be graduate midwives who are NMC registered.

Requirements regarding clinical experience will be individual; however, most midwives would be expected to consolidate their practice as a newly qualified midwife before seeking further education opportunities.

Admission to study, for most applicants, will be based on agreement from the student's employer in relation to funding or study leave but we will also consider students who choose to self-fund and undertake studies in their own time.

*Non-graduate midwives seeking similar opportunities will be able to study on the existing BSc (Hons) Enhanced Professional Practice

Please note: This programme is not open to international applicants.

Enhanced Professional Practice MSc/PGDip/PGCert ^{PT}

This programme enables professionals undertaking work-based learning and practice development to gain academic credit for their learning. This is a work-based modular programme.

Modules typically include:

- Advancing your own practice
- Assessing your current practice
- How can I make a change in practice?
- How the evidence base can help you change your practice
- Personal practice development portfolio
- Policy influences on your practice
- Starting your professional development
- Teaching and learning in practice

Entry requirements

All applicants need to be in current employment and hold an appropriate degree or its equivalent from an approved institution (preferably 2:2 or above). Evidence of recent academic study or continuous professional development is also required. Applicants should also have at least two years' professional experience and hold a relevant professional portfolio.

Please note: This programme is not open to international applicants.

Health Care Management MSc ^{FT} ^{PT}

This programme will develop the skills of people working in health care who want to enhance their understanding and knowledge of management and leadership. Participants will leave equipped with a range of managerial and leadership tools that will enable them to meet the challenges of working in health care management today. This programme explores elements such as: planning and delivery of service improvements; working with others to achieve organisational goals; optimising resources used; managing and motivating change; communicating effectively and being accountable for performance.

Compulsory modules typically include:

- Theory and practice of leadership and management in health and social care
- Politics and policies
- Social, cultural and economic context of health
- Organising health care
- Evidence and research for health care management
- Dissertation

Optional modules typically include:

- Foundations in public health and primary health care
- Economic evaluation in health care
- Quality improvement
- Comparing health care systems
- Psychology of health care management

Entry requirements

Applicants should hold either a 2:2 degree from a recognised university or awarding body, or equivalent qualifications. They may also have professional qualifications in a relevant field of work or have at least two years' relevant work experience.

Long Term and Chronic Conditions Management MSc ^{FT} ^{PT}

This programme will benefit health and social care professionals, who contribute to (or plan to contribute to) the strategically important area of long-term and chronic conditions management. Students have the opportunity to develop a bespoke programme relevant to their particular interest and/or speciality

Compulsory modules typically include:

- Dissertation
- Foundations in health promotion
- Foundations in research
- Health psychology of long term and chronic illness
- Social aspects of long term and chronic illness
- Theory and practice of long term and chronic conditions management

Entry requirements

Applicants should hold either a 2:1 honours degree from a recognised university or awarding body, or equivalent qualifications. They may also have professional qualifications in a relevant field of work or have at least two years' relevant work experience.

Medical Law and Ethics MA ^{PT}

This programme provides an opportunity to examine the structure and operation of the legal system in England and Wales, to look critically at the real life impact of law on practice within the medical care system, and to do this in the context of an understanding of the ethical problems that arise in medicine.

Modules typically include:

- Introduction to law and medicine
- Mental health, mental capacity and the law
- Patients, professionals and the law
- Philosophy, ethics and medicine
- The boundaries of life

Entry requirements

Applicants should hold either a relevant degree (usually of grade 2:2 or above) or have a period of professional experience in a relevant field.

Non-Medical Prescribing for Pharmacists PGCert ^{PT}

Accredited by the General Pharmaceutical Council (GPhC), this programme prepares pharmacists to practice within current non-medical prescribing legislation. It will provide them with the knowledge and skills to prescribe safely and appropriately within their area of practice.

Entry requirements

Applicants must:

- Have a prescribing budget in place
- Meet specific entry requirements set by the General Pharmaceutical Healthcare Council (see below)
- Be approved by Health Board Prescribing Lead and Clinical Manager
- Hold a current criminal identity check to meet specific requirements of their professional body
- Have identified an appropriately qualified designated medical practitioner
- Demonstrate ability to study at academic Level 7

Pharmacists applying to undertake an independent prescribing programme must be a registered pharmacist with the General Pharmaceutical Council or the Pharmaceutical Society of Northern Ireland and have at least two years' appropriate patient-orientated experience in a UK hospital, community or primary care setting following their pre-registration year.

Please note: Non-Medical Prescribing for Pharmacists is not open to international applicants.

Non-Medical Prescribing for Allied Health Professionals PGCert **PT**

This programme prepares allied health professionals to practice within current non-medical prescribing legislation. It will provide them with the knowledge and skills to prescribe safely and appropriately within their area of practice. Professional body approval from the Health and Care Professions Council (HCPC) has been granted for Independent prescribing for Chiropodists/podiatrists, physiotherapists and therapeutic radiographers and for supplementary prescribing, diagnostic radiographers.

Entry Requirements

Applicants must:

- Have a prescribing budget in place
- Meet specific entry requirements set by Health and Care Professions Council
- Be approved by Health Board Prescribing Lead and Clinical Manager
- Hold a current criminal identity check to meet specific requirements of their professional body
- Have identified an appropriately qualified designated medical practitioner
- Demonstrate ability to study at academic Level 7

The Health and Care Professions Council (HCPC) have no specific requirements for allied health professionals (AHPs) but they must be suitably experienced and established in the role in which they wish to prescribe.

Please note: Non-Medical Prescribing for Allied Health Professionals is not open to international applicants.

Non-Medical Prescribing for Nurses and Midwives PGCert **PT**

Accredited by the Nursing and Midwifery Council (NMC), this programme prepares nurses and midwives to practice within current non-medical prescribing legislation. It will provide them with the knowledge and skills to prescribe safely and appropriately within their area of practice.

Entry requirements

Applicants must:

- Have a prescribing budget in place

- Meet specific entry requirements set by the NMC (see below)
- Be approved by Health Board Prescribing Lead and Clinical Manager
- Hold a current criminal identity check to meet specific requirements of their professional body
- Have identified an appropriately qualified designated medical practitioner
- Demonstrate ability to study at academic Level 7

The Nursing and Midwifery Council requires that nurses applying to undertake an independent prescribing programme must:

- Have at least three years' experience as a practising nurse or specialist community public health nurse and be deemed competent by your employer to undertake the programme
- Of these three years, the year immediately preceding application to the programme must have been in the clinical field in which you intend to prescribe, e.g. Neonatal, mental health
- Part-time workers must have practised for a sufficient period to be deemed competent by their employer

Please note: Non-Medical Prescribing for Nurses and Midwives is not open to international applicants.

Nursing (Child/Adult/Mental Health) MSc **FT**

These 2-year Nursing programmes, which are approved by the Nursing and Midwifery Council, will enable graduates to apply for Registered Nurse status on completion of their course.

They have been designed to develop students' personal and professional attributes and the knowledge and skills required of a newly registered nurse. Students will spend 40 weeks of their course on placements where they will gain experience in a diverse range of nursing settings.

Modules typically include:

- Introduction to nursing
- Leadership and decision making
- Managing complex care in deteriorating situations

Entry requirements

These programmes are open to graduates with a 2:2 honours degree or above and a GCSE grade C or above in Mathematics and English/Welsh.

Applicants will be required to demonstrate the achievement of 750 hours of relevant clinical practice, working in health-related environments, such as care homes, hospitals, community or homecare.

Students whose first language is not English need an IELTS score of 7.0.

Any offer made is conditional, subject to:

- Evidence of recent study (within the last five years)
- Satisfactory academic and character references
- Disclosure and Barring Service (DBS) check, or an approved equivalent.
- Occupational Health clearance

Please note: These programmes are not open to nurses who are already qualified.

Public Health and Health Promotion MSc/PGDip **FT PT**

This programme enables students to gain theoretical knowledge of public health and health promotion, research and practice insight. It explores health promotion as a specialism within public health and covers current practice, historical background, and current developments in health and innovation and health promotion practice. The course is mapped to the National Occupational Standards for the Practice of Public Health, the Public Health Career Framework and the UKPHR practitioner standards.

Modules typically include:

- Developing programmes and evaluation
- Foundations in health promotion
- Foundations in research
- Health protection
- Management and leadership for public health practice
- Public health ethics
- Public health evidence and epidemiology
- Public health practice

Entry requirements

Applicants should hold either a 2:1 honours degree from a recognised university or awarding body, or equivalent qualifications. They may also have professional qualifications in a relevant field of work or have at least two years' relevant work experience.

Specialist Community Public Health Nursing (Health Visiting) with integrated V100 MSc/PGDip **FT PT**

This programme will provide practitioners with a dynamic, innovative approach to public health nursing to promote health and well-being throughout the population.

As specialist practitioners, Health Visitors understand what influences health and are aware of the effects of social factors such as poverty, unemployment and poor housing, and their effect on communities.

Successful completion of this MSc/PGDip will enable the student to gain the recordable qualification of SCPHN HV and the V100 qualification (community nurse prescriber).

Modules typically include:

- Promoting the Public Health of Populations
- Facilitating the Health and Wellbeing of Individuals and Families
- Research & Development in SCPHN practice
- Safeguarding in SCPHN practice
- Professional Development of Specialist Community Public Health Nursing (SCPHN) Practice
- Nurse Prescribing in SCPHN Practice (V100)
- Consolidating SCPHN Practice

Specialist Community Public Health Nursing (Health Visiting) MSc/PGDip **FT PT**

This programme will provide practitioners with a dynamic, innovative approach to public health nursing to promote health and well-being throughout the population.

As specialist practitioners, Health Visitors understand what influences health and are aware of the effects of social factors such as poverty, unemployment and poor housing, and their effect on communities.

Successful completion of this course will lead to a professional award in Specialist Community Public Health Nursing (SCPHN) practice in Health Visiting and will enable registration on the SCPHN part of the Nursing and Midwifery Council (NMC) register.

Modules typically include:

- Promoting the Public Health of Populations
- Facilitating the Health & Well-being of Individuals, Families and Communities
- Research & Development in SCPHN practice

- Safeguarding in SCPHN practice
- Professional Development of Specialist Community Public Health Nursing (SCPHN) Practice
- Promoting the Emotional Well-being of Children & Young People
- Consolidating SCPHN Practice

MSc/PGDip Specialist Community Public Health Nursing (School Nursing) with integrated V100 **FT PT**

This MSc/PGDip will provide practitioners with a dynamic, innovative, child-centred public health approach to school health nursing which includes working with individual children, young people and families, schools and communities.

Successful completion of this MSc/PGDip will lead to a professional award in SCPHN practice in School Nursing, and will enable graduates to register on the SCPHN part of the Nursing and Midwifery Council (NMC) register and obtain the V100 qualification (community nurse prescriber).

Modules typically include:

- Promoting the Public Health of Populations
- Facilitating the Health and Well-being of Children, Young People and Families
- Research & Development in SCPHN practice
- Safeguarding in SCPHN practice
- Professional Development of Specialist Community Public Health Nursing (SCPHN) Practice
- Nurse Prescribing in SCPHN Practice (V100)
- Consolidating SCPHN Practice

MSc/PGDip Specialist Community Public Health Nursing (School Nursing) **FT PT**

This MSc/PGDip will provide practitioners with a dynamic, innovative child-centred public health approach to school health nursing which includes working with individual children, young people and families, schools and communities.

Successful completion of this MSc/PGDip will lead to a professional award in SCPHN practice in School Nursing, and will enable graduates to register on the SCPHN part of the Nursing and Midwifery Council (NMC) register.

Modules typically include:

- Promoting the Public Health of Populations
- Facilitating the Health and Wellbeing of Children, Young People and Families

- Research and Development in SCPHN practice
- Safeguarding in SCPHN practice
- Professional Development of Specialist Community Public Health Nursing (SCPHN) Practice
- Promoting the Emotional Wellbeing of Children and Young People
- Consolidating SCPHN Practice

- Secured funding (WEDS/HEIW funded places only apply to nurses or midwives working for the NHS in Wales). Nurses / midwives working outside the NHS or outside Wales must provide evidence of funding on application
- Evidence of holding a clean driving licence

Entry requirements for all Specialist Community Public Health Nursing:

Applicants should apply directly to the College of Human and Health Sciences.

Applicants should be NMC registered nurses/ midwives, who have successfully completed a UK honours degree. Applicants whose first language is not English should have a minimum IELTS score of 7.0 in each assessed area. Applicants should also have evidence of recent academic study.

Candidates will also need to provide:

- Enhanced current DBS disclosure
- Satisfactory academic and employer reference
- Satisfactory occupational health check
- Appropriate Health Board secondment or host organisation and the availability of a suitable practice placement that has a current educational audit and the support of a Practice Teacher that meets the NMC requirements
- Secured funding (WEDS/HEIW funded places only apply to nurses or midwives working for the NHS in Wales). Nurses / midwives working outside the NHS or outside Wales must provide evidence of funding on application
- Evidence of holding a clean driving licence

Candidates who meet the above criteria will be invited to attend an interview.

Applicants must demonstrate that they have good health and good character sufficient for safe and effective practice as a SCPHN, on entry to and for continued participation in programmes leading to registration with the NMC.

RESEARCH PROGRAMMES

Entry Requirements

MPhil: Applicants would normally have an Honours degree (2:1 or above) in a discipline related to the chosen specialty, or a relevant, approved postgraduate qualification.

PhD: Applicants would normally have a first class undergraduate degree in a relevant discipline, or a 2:1 and/or an MSc in a relevant discipline.

.....

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

Healthcare Management MPhil/PhD **FT** **PT**

Health Economics MPhil/PhD **FT** **PT**

Health Humanities MPhil/PhD **FT** **PT**

Health Policy MPhil/PhD **FT** **PT**

Health Psychology MPhil/PhD **FT** **PT**

Health Sciences MPhil/PhD **FT** **PT**

Mental Health MPhil/PhD **FT** **PT**

Nursing MPhil/PhD **FT** **PT**

Public Health MPhil/PhD **FT** **PT**

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise. These are focused around the following research groupings:

Healthcare Management – Examining the management, leadership, and improvement of health services, with a specific focus on how effectively services provide treatment for individuals with physical and/or mental illnesses, or whether they seek to improve the health of the population through prevention and health promotion strategies.

Recent examples of student research in this discipline include research into patient and public involvement, data security in information systems and improved methods for evaluating large capital expenditures in health care.

Health Economics – Delivering robust and ground breaking health economics research on the development and delivery of health care interventions and services, by combining significant qualitative skills, expertise in real-world data mining and analysis, and health policy.

Research students in this area are investigating areas such as the cost-effectiveness of clinical pharmacist interventions in patients with cardiac disease, the application of prioritisation methods in an era of disinvestment and the costs associated with the collection and utilisation of allergenic blood.

Health Humanities – The application of the concepts and methods of history, literature and the visual arts to the analysis of health and healthcare. Disability history is a particular area of expertise, with an oral history of people affected by the drug, thalidomide, currently underway.

Students are exploring a variety of areas within these fields ranging from narratives of childbirth to images of disability in the post-war English language literature of Wales.

Health Policy – Exploring the decision-making processes and action plans, especially those adopting a ‘policy process’ approach, which are put in place to address specific aims within the health services in the UK and worldwide. Special interests in this area include finance and service contracting, policy implementation studies, quality systems and public involvement.

Current and past students have investigated subjects such as purchaser provider reforms, national health insurance system design, the UK private medical insurance sector and public and patient involvement.

Health Psychology – Focussing on cutting-edge research to understand how behaviours influence individual’s decision making; help push the boundaries of the promotion and maintenance of health; influence the prevention and management of illness; and vulnerability and health risk.

Research students are currently looking at developing interventions to address the psychosocial needs of people living with a range of chronic illnesses including cancer and heart disease. Other research is also looking at the psychological mechanisms that underpin health behaviour motivation, and developing interventions to encourage children and young people to engage in healthy lifestyle behaviours.

Health Sciences – Delivering the bioscientific research that provides the key evidence base for future changes in medical practice, influences the structure and delivery of health care systems and health interventions, and improves outcomes for patients.

Currently students are exploring the anti-fungal properties of maggot secretions and the antimicrobial properties of invertebrates, and the physiological effects of a cardiac rehabilitation programme on myocardial infarction patients in Kuwait.

Mental Health – Taking forward pioneering research across this discipline including the evaluation of mental health services, and the development and application of social outcome measures.

Currently students are looking at evidence-based practices in mental health (in particular early intervention services), care co-ordination in forensic mental health care and the influence of service user participation in professional role development.

Nursing – Committed to translating research from the ‘bench to the bedside’, our nursing research addresses the full range of issues across this discipline such as professional working and patient care, the development of new treatments and interventions, and patient and carer experiences.

The latest topics being explored by our students include experiences of children’s nurses whilst caring for life-limiting conditions, and nursing students care towards obese patients.



Public Health – Providing an evidence base for public health practice through empirical investigation, audit and evaluation.

The latest topics being explored by our students include the impact of a structured education package on nurses’ knowledge and practice in HBV and HCV in Saudi Arabia, health visitors’ understanding of the principles ‘influencing policies affecting health’ and burn contracture measurement.



Pre-master’s pathway available for Health Care Management and Public Health (international students only), **see page 44**



SCHOLARSHIPS AND BURSARIES

We offer a range of funding opportunities for both taught and research degrees. Recently we have attracted funding for postgraduate study from organisations such as Tenovus, the Research Capacity Building Collaboration for Wales and the National Institute for Health Research.
swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/humanandhealthsciences

The Department of History specialises in the history of the British Isles and Europe, and several members of staff explore links between Britain, Europe, and the wider world. Wales provides a strong research focus for some members of the Department.

Staff expertise covers public history and heritage; social and economic history; the history of science and medicine; history of disability; cultural and intellectual history; gender history; the history of conflict; memory studies; and urban and industrial history.

The chronological range of our work extends from the early middle ages to the twenty-first century.

In the 2014–2021 UK Government Research Excellence Framework, research in History at Swansea was rated 27th in the UK and over 80% of the work submitted for assessment was judged ‘world-leading’ (4*) or ‘internationally excellent’ (3*).

TAUGHT COURSES

Entry Requirements

Normally a 2:1 Honours degree in History or a related subject..

For the MA in Medieval Studies, normally a 2:2 (average 55% or above) or an equivalent qualification.

English Language Requirement
IELTS 6.5 (with a minimum of 5.5 in each component).

TOP 30
IN THE UK

HISTORY
DEPARTMENT

(Research Excellence Framework 2014–2021)

History MA FT PT

The MA in History encompasses a wide range of topics from the Middle Ages onwards. The wide-ranging expertise of Swansea University's historians offers the study of British, European, American, and World History. The MA allows students to explore the history of art and culture, empire, gender, politics, religion, sexuality and science. Working with materials in the Richard Burton Archive, students also have the

opportunity to develop their ability to present historical research to the wider public.

Modules typically include:

- Communicating history
- Historical methods and approaches
- New departures in the writing of history
- Swansea and the sea, 1791-1898
- Debates and approaches in heritage and public history
- From princely possessions to public museums
- Themes and debates in early modern History
- Fascism and culture
- Power, conflict and society in modern History
- Language options and electives from other Arts and Humanities departments

Medieval Studies MA/PGDip/PGCert FT PT

The MA in Medieval Studies draws on the expertise of staff working on both medieval history and medieval language and literature. The MA covers late antiquity to the Renaissance, and the British Isles and France to Italy and the Holy Land. Areas of particular staff expertise include gender, religion and belief, urban and rural cultures, health, medicine and the body, language and multilingualism, and social, spiritual and cultural identities. Students have the opportunity to become familiar with the medieval heritage of South Wales and the surrounding region, through work with the West Glamorgan Record Office and the library of Hereford Cathedral and through contact with the organisations that are responsible for the preservation of Welsh historical sites, Cadw and the Royal Commission for the Ancient and Historical Movements of Wales.

Modules typically include:

- Introduction to Advanced Medieval Studies 1: skills and approaches
- Introduction to Advanced Medieval Studies 2: themes and sources
- Medieval manuscripts
- Latin
- Saints and Sinners in Christian Late Antiquity
- The Normans in Western Europe and the Mediterranean
- Gender and Humour in Medieval and Early Modern Europe
- Heritage
- The Queer Middle Ages: Bodies, Textuality and Objects
- Was Eve framed?: Theorising the Medieval Walled Garden

Public History and Heritage MA FT PT

The MA in Public History and Heritage is a flexible programme designed to offer a combination of academic training and employment-related skills. Students take a module exploring debates and approaches in public history and heritage, plus a work placement, and select from a range of options including modules in ancient history, ancient Egyptian culture, history, Welsh identities, heritage themes, archive/communication practice and museum practice.

Public History and Heritage MA (Extended)

FT PT

This Extended MA programme combines the MA Public History and Heritage with a period of study abroad. The study abroad is one additional semester taken at the Appalachian State University in North Carolina. The additional semester makes the EMA equivalent in credits to a European MA.

Modules typically include:

- Debates and approaches in heritage and public history
- Historical methods and approaches
- Research methodologies in ancient history
- Understanding ancient Egyptian culture
- New departures in the writing of history
- Welsh identities: literature and nationhood
- Heritage work placement
- From princely possessions to public museums
- Communicating history (archive/communication practice)
- Reaching the public: museums and object handling (museum practice)

RESEARCH PROGRAMMES

Entry Requirements

Applicants for all research programmes are normally expected to hold a first-class or upper second-class honours degree in History or a related subject, or an equivalent qualification. Applicants for an MPhil should normally have achieved an overall average of 65% in their first degree; applicants for a PhD are normally expected to have, or be on track for, a master's degree in a history-related subject with a merit or distinction.

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent recognised equivalent

History MA by Research/MPhil/PhD

FT PT

The Department welcomes applications from well-qualified candidates whose research interests match those of its staff. Topics that can be supervised by historians at Swansea include:

Medieval History

- Archaeology and landscape history
- Capetian France, especially the monarchy, aristocracy, and religious orders
- Charters and the documentary records of medieval France and England
- Cultural interchange between East and West England and Wales in the central and late Middle Ages
- Gender and the life cycle
- Italy
- History of disabilities, medicine, and health
- Kingship and medieval political thought
- Legal history
- Medieval frontier societies and borderlands, and concepts of frontiers from the late Roman Empire to the present day
- Medieval historical writing
- Minorities, social exclusion, immigration and ethnic integration
- The Anglo-Norman 'Realm' and the Angevin Empire
- The Crusades and Latin Christendom
- The natural world
- Urban life

Early Modern History

- European history, especially the history of Britain, Italy, Portugal, and the German-speaking lands
- History of disabilities
- History of court culture and diplomacy
- Maritime and imperial history
- Modern representations of the early modern past
- Print culture and history of the book
- The political and religious culture of seventeenth-century Britain
- Science and medicine, intellectual life, and museums and material culture
- The social history of early modern sex and marriage

Modern History

- Britain and the British Empire from 1800 to the present
- British and American legal history, post-1750
- Crime, policing, and punishment in twentieth-century Europe
- Education and intellectual history
- Emigration and urbanisation in the British Isles between the eighteenth and twentieth centuries
- Italy in the twentieth-century; Italian Fascism
- History of disabilities
- History of political thought
- History of protest and activism in the 1960s and 1970s
- Holocaust history
- Memory studies and oral history of twentieth-century Europe
- Science, medicine, and disease
- Sport and leisure
- The Cold War and the Nuclear Age
- The First World War
- Transnational history
- Urban history
- Wales and the Welsh overseas
- War and society in Europe between 1750 and 1815
- Western Europe after 1945, including postwar reconstruction

The Research Institute for Arts and Humanities

The Research Institute for Arts and Humanities (RIAH) supports the Richard Burton Centre for the Study of Wales and a wide range of research groups, including CRAM (The Conflict, Reconstruction, and Memory Research Group), GENCAS (The Centre for Research into Gender in Culture and Society), MEMO (The Centre for Medieval and Early Modern Research), and The Research Group for Health, History, and Culture. It also manages major Research Council funded projects, and promotes collaboration between scholars, policymakers, and cultural providers and for those pursuing postgraduate research and taught master's study. For further information about RIAH, visit:

swansea.ac.uk/artsandhumanities/riah



Research groups include:

- CECSAM, the Centre for the Comparative Study of the Americas
- CODAH, the Centre on Digital Arts and Humanities
- CRAM: Research Group for Conflict, Reconstruction and Memory
- MEMO: Centre for Medieval and Early Modern Research
- The Richard Burton Centre for the Study of Wales
- The Research Group for Health, History, and Culture

Graduate Centre

All History research students belong to the Graduate Centre in the College of Arts and Humanities. The Centre provides pastoral as well as administrative support and is also responsible for research skills training and support, and facilitating a lively intellectual environment for the College's postgraduate research community of 200 students.

swansea.ac.uk/riah/graduate-centre



SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available. Funding may also be available from the Arts and Humanities Council. For details, please visit:

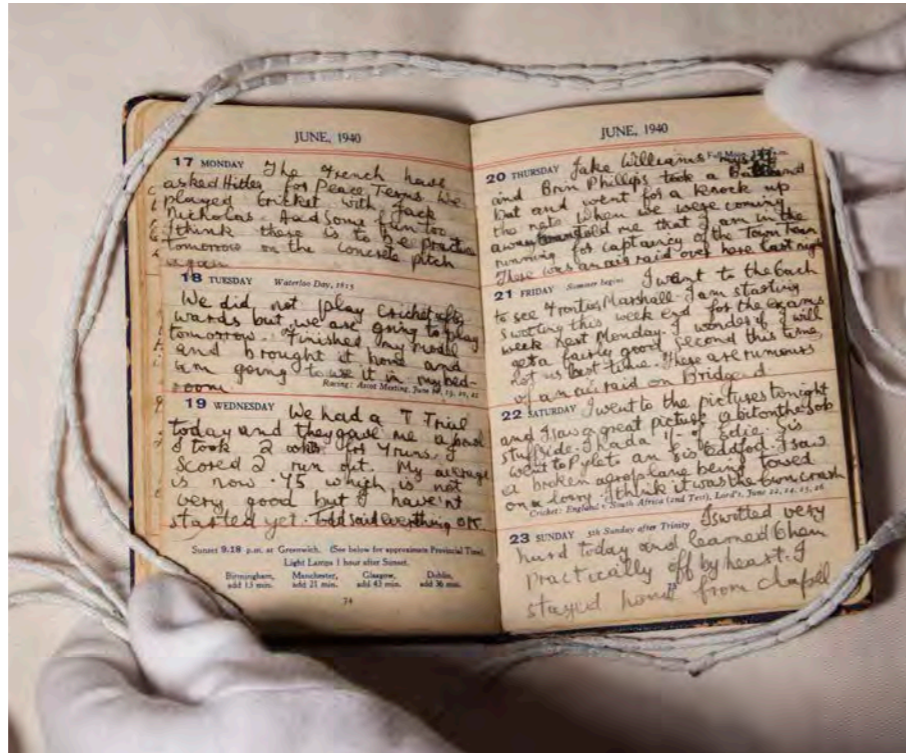
swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/artsandhumanities



The Richard Burton Archive

The publication of The Richard Burton Diaries edited by Chris Williams, former Professor of Welsh History and Director of the Research Institute for Arts and Humanities, has attracted global attention and accolades and revealed a very different side to the world famous actor's public persona.

The book is a result of painstaking research of the handwritten diaries, which Richard Burton began in 1939 and ended just before his death in 1984, which were donated to Swansea University in 2005 by his wife, Sally Burton.

The diaries, along with other personal papers, are known as The Richard Burton Collection, and today forms a central part of the £1.2 million Richard Burton Archives facility at the University's Library. Other holdings of the Archives include the South Wales Coalfield Collection, local archive collections related to the industrial, civic, and religious history of Swansea and the surrounding area, and the papers of the University itself.

GREAT MINDS

Dr Catherine Fletcher

Expert in Renaissance history; College of Arts and Humanities.



“ In sixteenth-century history I often find people who seem very familiar in their work and attitudes, then suddenly behave in quite unfamiliar ways. I think that's why it's so fascinating. ”

Dr Catherine Fletcher is an expert in Renaissance history. She joined Swansea University in 2015 and now leads the new MA in Public History and Heritage.

Dr Fletcher's research focuses on early modern Europe, including Britain, and particularly on Italy. She has published on the history of diplomacy, on material culture and on political life in this period more broadly. Her latest book, *The Black Prince of Florence: The Spectacular Life and Treacherous World of Alessandro de' Medici*, offers a fresh perspective on the Italian Renaissance with attention to themes of race and ethnicity. It was published in April 2016 to wide acclaim. The Economist critic wrote: "It would make a riveting series for an enterprising TV producer."

She has held fellowships at the Institute of Historical Research, the British School at Rome and the European University Institute, and has lectured at Durham University and the University of Sheffield.

In 2015 Dr Fletcher was selected from over 500 applicants to become one of ten New Generation Thinkers in a scheme run jointly by the AHRC and the BBC, which gives academics a

platform from which to communicate their research findings to those outside the academic community. In the role, Dr Fletcher has broadcast essays on Radio 3, contributed to Radio 3's Free Thinking programme and Radio 4's Start the Week, and has made a short film for BBC Arts.

Her passion for conveying early modern history to the public in popular literature, films and television led to her becoming an adviser to the BBC's *Wolf Hall*, a historical drama chronicling politics and intrigue at the court of Henry VIII.

Dr Fletcher's new project is looking at the cultural history of handguns during the early sixteenth-century, when they were a new technology.

She said: "In sixteenth-century history I often find people who seem very familiar in their work and attitudes, then suddenly behave in quite unfamiliar ways. I think that's why it's so fascinating."

The Hillary Rodham Clinton School of Law is a vibrant community, continuously developing to support and equip our students to make a difference to society and meet the demands of an ever-changing, modern legal world.

Our postgraduate students undertake an exciting range of cutting-edge modules supported by academics with real-world experience at the forefront of their research.

Our research addresses major societal challenges, has impact and makes a difference. We have established expertise in the fields of children’s rights, cyberterrorism, environmental law, human rights, intellectual property, international law, neuroethics, LegalTech and shipping & trade law.

In the Research Excellence Framework (REF) 2014–2021, 96% of the School’s research achieved an international standard.

TAUGHT COURSES

Entry Requirements

Human Rights LLM: Minimum 2:1 Honours degree in Law or cognate discipline. Candidates with a 2:2 or with relevant professional work experience may also be considered.

LegalTech LLM: Minimum 2:1 Honours degree in Law or cognate discipline. Candidates with a 2:2 or with relevant professional work experience may also be considered.

LLM in Legal Practice and Advanced Drafting: A 2:2 in a qualifying Honours degree in Law (as specified by the SRA) from a UK or recognised overseas university or Graduate Diploma in Law or similar qualification.

All other LLM: Minimum 2:2 Honours degree (average of 55% or above) in Law or cognate discipline.

Candidates with alternative professional qualifications or experience are also encouraged to apply.

International students: Visit swansea.ac.uk/international/students/requirements for more information.

English Language Requirements
IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Cyber Crime and Terrorism MA
FT (1 year)

Focus on the changing nature of online crime and criminal behaviour in order to understand the threats, trends, issues, responses and ethical questions associated with terrorism or security.

Modules typically include:

- Contemporary terrorism in historical and philosophical perspective
- Countering violent extremism online
- Crime in Cyberspace
- Online propaganda and radicalisation
- Research methods and ethics
- Terrorism online and human rights

Human Rights LLM
FT (1 year) PT (2 or 3 years)

Focus on contemporary challenges for global human rights and how to respond through law, policy and practice. Students undertake advanced studies in human rights law, research and implementation.

Compulsory Modules:

- Dissertation on a human rights topic
- Human rights implementation
- International human rights law
- Researching human rights

Optional modules typically cover:

- Asylum and immigration
- Climate change and sustainability
- Special protections for vulnerable groups
- Terrorism
- Trade and investment

Legal Practice and Advanced Drafting LLM
FT (1 year) PT (2 years)

Enhance your employability and legal skills by upgrading your Legal Practice Course (LPC) to a master’s degree. Complete a 15,000 word project in your own time during Stage Two of the LPC (March to June).

How to apply

Full time: Apply through the Central Applications Board: lawcabs.ac.uk

Part time: Apply directly to swansea.ac.uk/postgraduate/apply

LegalTech LLM FT (1 year)

Gain new skills to aid legal practice and to drive innovation across the ever-changing legal profession being shaped by artificial intelligence and related computing technologies.

Modules typically include:

- Artificial Intelligence and law (computer science applied to law)
- Automating legal services
- Blockchain/distributed ledger technology
- Computational thinking and programming for lawyers
- Digital IP
- Dissertation or project
- Legal services in a digital world
- LegalTech entrepreneurship
- Quantitative analysis and working with big data
- Rights and accountability in the digital economy
- The law and Artificial Intelligence (law applied to computer science)

	International Commercial Law, LLM	International Commercial and Maritime Law, LLM	International Maritime Law, LLM	Intellectual Property and Commercial Practice, LLM	International Trade Law, LLM	Oil, Gas and Renewable Energy Law, LLM
Admiralty law		•	•			
Carriage of goods by sea, land and air		•	•			
Charterparties: law and practice		•	•		•	
Competition law	•	•		•		
E-commerce	•	•	•	•	•	
International commercial arbitration (accredited by the Institute of Chartered Arbitrators (CIArb))	•	•	•	•	•	•
International corporate law and governance	•	•		•		
International energy law						•
International intellectual property law	•	•		•		
International trade law		•	•		•	•
Finance law relating to ships and other mobile assets	•	•	•	•		
Law and practice relating to international banking and commercial payments	•	•			•	•
Law of intellectual assets management and transactions	•	•		•		•
Law of the sea		•	•			•
Marine insurance law		•	•		•	•
Oil and gas law: contracts and liabilities		•	•			•

International Commercial Law LLM
FT (1 year) PT (2 or 3 years)

Learn about the legal and practical challenges of diverse, international, commercial transactions.

International Commercial and Maritime Law LLM FT (1 year) PT (2 or 3 years)
Develop your knowledge of diverse international commercial transactions and the challenges of maritime law.

International Maritime Law FT (1 year) PT (2 or 3 years)
Identify the different contracts for the carriage of goods, marine insurance, international trade and law of the sea.

Intellectual Property and Commercial Practice FT (1 year) PT (2 or 3 years years)
Examine intangible or ‘hidden’ assets and how companies can manage them in an effective commercial manner.

International Trade Law LLM FT (1 year) PT (2 or 3 years)
Master international trade and focus on the legal and commercial issues associated with international sale contracts.

Oil, Gas and Renewable Energy Law FT (1 year) PT (2 or 3 years)
Explore the growing area of oil and gas law including the complex legal features of the petroleum industry.

HOW TO APPLY

Online: swansea.ac.uk/applyonline



Rahul Miranda

LLM in International Maritime Law

“ Choose Swansea – you won’t regret it! The LLM programme is well-structured and the academics really know what they are doing and there are great scholarship opportunities available. The city is very welcoming to all students, has a reasonable cost of living...and a beach doesn’t hurt either! ”

TAUGHT COURSES

Entry Requirements

GDL: 2:2 Honours degree or above in any non-law discipline from a UK or recognised overseas university.

LPC: A qualifying Honours degree in law from a UK or recognised overseas university or a Graduate Diploma in Law/CPE or similar qualification.

LLM in Legal Practice and Advanced Drafting: A 2:2 or above in a qualifying Honours degree in law (as specified by the SRA) from a UK or recognised overseas university OR a Graduate Diploma in Law or similar qualification.

Candidates with alternative professional qualifications or experience are also encouraged to apply.

International students: Visit swansea.ac.uk/international/students/requirements for more information.

English Language Requirements

GDL only: IELTS 6.0 (with a minimum of 5.5 in each component) or Swansea University recognised equivalent.

- Four-week induction period (entire month of September) which includes lectures and seminars on the English legal system, legal skills and European Union law
- The foundation subjects of contract, tort, public law, equity and trusts, land law and criminal law are taught by means of a series of lectures and compulsory seminars spanning two teaching blocks
- A further legal subject is studied by means of a supervised research project

How to apply

Apply through the Central Applications Board: lawcabs.ac.uk

Legal Practice Course (LPC)

FT (1 year) **PT** (2 years)

The Legal Practice Course (LPC) is a professional practical course that develops key skills and knowledge for a successful career in law in England and Wales. Students are offered excellent pastoral care and support from professionally qualified staff along with best practice guidance for personal development and training.

Stage One – Core practice areas

- Business law and practice
- Criminal and civil litigation
- Practice skills in interviewing and advising, advocacy, legal writing and drafting, and practical legal research
- Professional conduct and regulation
- Property law and practice
- Solicitors' accounts
- Wills and administration of estates

Stage Two – Vocational electives (choice of x3 of the following)

- Advanced commercial law
- Advanced criminal practice
- Business leases
- Employment law and practice
- Family and child care law and practice
- Personal injury and clinical negligence

How To Apply

Full time: Apply through the Central Applications Board at lawcabs.ac.uk

Part time: Apply directly to swansea.ac.uk/postgraduate/apply

Legal Practice and Advanced Drafting LLM

FT (1 year) **PT** (2 years)

Enhance your employability and legal skills by upgrading your Legal Practice Course (LPC) to a master's degree. Complete a 15,000 word project in your own time during Stage Two of the LPC (March to June).

How To Apply

Full time: Apply through the Central Applications Board at lawcabs.ac.uk

Part time: Apply directly to swansea.ac.uk/postgraduate/apply

RESEARCH PROGRAMMES

Entry Requirements

MPhil: First or upper second class degree.

PhD: Master's degree, preferably in law.

Exceptional performance at undergraduate level will be considered.

.....

English Language Requirement

IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Law MPhil **FT** (2 years) **PT** (4 years)

Law PhD **FT** (3 years) **PT** (6 years)

Candidates may be admitted to the MPhil scheme in the first instance with an opportunity to upgrade to a PhD (subject to satisfactory academic progress).

We invite applications from candidates whose interests correspond with our areas of research:

- Children's and young people's rights
- Common, contract and commercial law
- Comparative law
- Criminal law and the law relating to terrorism, cyberterrorism and counter-terrorism
- Environmental and energy law
- European Union law
- Health care law
- Human rights law
- International shipping and trade law
- Law and technology
- Legal philosophy
- Oil and gas law
- Public and constitutional law (domestic, regional and international)

Potential candidates may also wish to view our Criminology PhD options. Please see Page 70 for more information.

CAREER PROSPECTS

Our graduates have gone on to become specialist lawyers or barristers, undertaken further research, or have entered the world of academia and teaching.

SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available.

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/law



Barbara-Jane Davies

GDL & LLM in Legal Practice and Advanced Legal Drafting

“ I chose Swansea University to study my GDL and LPC because of the amazing staff and students, the excellent societies and beautiful setting by the sea. If you are considering Swansea University, do not hesitate. The experience of studying was incredible and it has equipped and enabled me to pursue my dream job. As a mature student of the law, I actually found I was honestly able to pick and choose where I wanted to work. Don't dream it, be it! ”



Cherry Chen

PhD in International Law
(China-UK Free Trade Agreement)

“ As an international student, I have really appreciated the warm welcome and incredible support I have found at Swansea University. The School of Law has a close-knit community feel and everyone can get along with each other like a family. All the supervisors here are very supportive and each student has lots of opportunities to take part in the fantastic events held by the School and University, such as the 3 minute thesis (3MT) competition, in which I was a finalist. ”

The MSc Strategic Marketing has been developed in line with the Chartered Institute of Marketing (CIM) and provides students with an advanced understanding of contemporary marketing that can be applied in a variety of contexts and situations, both appealing and relevant to students from a wide range of countries and with diverse career aspirations.

In order to study on this specialist programme, you must hold an undergraduate degree in a relevant discipline. Upon completion of the taught elements of the course, you have the opportunity to complete a work-based marketing project, allowing you to apply the skills and knowledge gained to a real-life situation.

The theoretical and applied elements of this programme equip students with the tools for a successful marketing career,

whilst also providing practical experience for those wishing to pursue a PhD or a research-oriented career upon graduation.

Students benefit from interaction with the School's academic staff profile; comprising of internationally acclaimed research experts and those with a wealth of industry experience, and the School's strong links with the CIM. The School's student community is drawn from around the globe, bringing diversity and a broad range of perspectives to the classroom. Our students benefit from the School's co-location with industry at the innovative Bay Campus, which boasts dedicated teaching space and postgraduate study rooms, and extensive IT facilities equipped with the latest hardware and a range of specialist software.

TAUGHT COURSES

Entry Requirements

MSc Strategic Marketing: 2:1 Honours degree or above in a related discipline (business or marketing).

English Language Requirements

IELTS 6.5 (minimum of 6.0 in each component) or Swansea University recognised equivalent.

TOP 20
IN THE UK
MARKETING

(Complete University Guide 2018)

Strategic Marketing MSc ^{FT}

This programme will equip graduates with strong grounding in both practical and theoretical aspects of contemporary strategic marketing; understanding ethical issues and social responsibility and develop students to deliver a sustainable, inclusive and innovative future marketing strategy. The programme has been designed in line with the CIM Postgraduate Diploma and will provide students with the opportunity to gain chartered status upon successful completion of CIM accredited assessments. Students will also have the opportunity to complete a three-month placement, or more traditionally, can choose to complete a dissertation in a specialised area of marketing.

Modules typically include:

- Consumer Psychology
- Digital Marketing
- Marketing in Society
- Integrated Marketing Communications
- Marketing Research
- Work Placement or Dissertation

RESEARCH PROGRAMMES

Entry Requirements

MPhil: Normally a first-class or 2:1 Honours degree in Marketing or a related subject, or an equivalent qualification.

PhD: A Master's degree in Marketing or a related subject or an equivalent qualification.

English Language Requirement

IELTS 6.5 (minimum of 6.0 in each component) or Swansea University recognised equivalent.

Business MPhil/PhD ^{FT} ^{PT}

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise.

Applicants are encouraged to explore the research expertise of the School to ensure a good fit between PhD proposals and potential supervisors. Information about current faculty and the School's research groups can be found at swansea.ac.uk/som/research

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/som



WORK PLACEMENT OPPORTUNITY

An alternative to the traditional dissertation module, this unique work placement opportunity enables students to gain practical experience of working on a marketing project within industry, without extending their degree or sacrificing academic credit.

Students will experience a three-month unpaid placement at a local SME, working on a specific marketing-based project. On completion of this work-based project, students will not only have critically applied theoretical concepts learned in class to a real-world business situation, but will have been able to evaluate the challenges of

working in the real world with responsibilities and gaining opportunities to develop plans for future personal development in this field.

In addition to supervisor meetings throughout the period, students are required to spend a minimum of 300 hours undertaking this graduate-level marketing project work within an organisation or project. This equates to a minimum of 25 hours per week over the 3 month period, allowing students to dedicate 10 hours of time per week to conduct necessary research and studies in preparation for the industrial report assessment submission.



SCHOLARSHIPS AND BURSARIES

At the School of Management, we are happy to offer financial support for the brightest prospects of the future. It's not just academic excellence we reward – we also recognise and encourage passion for study and involvement in student life. There are a range of funding opportunities available for both taught and research degrees.

swansea.ac.uk/postgraduate/scholarships

Mathematics at Swansea University is expanding and from September 2018 we will be housed in the brand new Computational Foundry building. This £32.5m world-class facility will provide the most up-to-date and high quality teaching and research facilities, as well as networking and inspiration space which will benefit our Computer Science and Mathematics students, staff and industrial partners.

Mathematics at Swansea places a strong emphasis on developing graduate employability and this is evidenced by the fact that 94% of our graduates are in full-time employment or further study within six months of graduating. Graduates have been employed by a wide range of organisations including: AXA, BA, Deutsche Bank, Shell Research, Health Authorities, Zurich Financial Services, Local Government and others.

TAUGHT COURSES

Entry Requirements

Normally a 2:2 Honours degree or equivalent in Mathematics or related subject..

English Language Requirement

IELTS 6.0 (with a minimum of 5.5 in each component) or Swansea University recognised equivalent.

Mathematics and Computing for Finance

MSc **FT** **PT**

The MSc Mathematics and Computing for Finance course has been designed to meet the growing demand for specially trained mathematicians to work in the world's financial markets and insurance. On the course you will study different elements of mathematics, finance and computing in addition to developing your communication and presentational skills through a project you will undertake. You will be fully supported to ensure that your project is best suited to support your future career plans.

Modules typically include:

- Black-Scholes theory
- Financial mathematics
- Itô calculus and stochastic differential equations
- Numerics of ODEs and PDEs
- Numerical analysis
- Partial differential equations
- Programming in Java
- Stochastic processes
- Fourier analysis

MSc Mathematics **FT** **PT**

The MSc Mathematics course has been designed for students who wish to build on their BSc, extending their range of mathematics expertise across a broader spread of topics, and demonstrating their literature research skills through an extended dissertation.

Such a qualification will mark graduates out as having a broader and deeper understanding of mathematics, and the skills required to pursue a significant project with a high level of independence, presenting their results in a written report. This will give MSc Mathematics graduates an edge in the ever more competitive jobs market.

Modules typically include:

- Algebraic coding theory
- Biomathematics
- Black-Scholes theory
- Data science
- Differential geometry
- Fourier analysis
- Itô calculus
- Lie theory
- Numerical analysis
- Partial differential equations
- Stochastic processes
- Statistical mechanics
- Topology

RESEARCH PROGRAMMES

Entry Requirements

Normally a 2:1 Honours degree or a Master's degree with merit in Mathematics or related subject or an equivalent qualification.

English Language Requirement

IELTS 6.0 (with a minimum of 5.5 in each component) or Swansea University recognised equivalent.

Stochastic Processes: Theory and Application

MRes **FT** **PT**

The MRes in Stochastic Processes is delivered through optional modules for the taught element followed by a large research project that contributes to the field in an explicit way, rather than merely applying existing knowledge.

Topics typically include:

- Financial mathematics
- Lévy processes and more general jump processes
- Stochastic infinite dimensional analysis

Mathematics MSc by Research **FT**

Mathematics MPhil/PhD **FT** **PT**

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise focused around the following research groups:

Algebra and Topology Group

Areas of interest include: Noncommutative geometry; categorical methods in algebra

and topology; homotopy theory and homological algebra and others.

Analysis and Nonlinear Partial Differential Equations Group

Areas of interest include: Reaction-diffusion and reaction-diffusion-convection equations and systems; Navier–Stokes equations in fluid dynamic; complexity in the calculus of variations, Mathematical biology and others.

Stochastic Analysis Group Areas of interest include: Functional inequalities and applications; Lévy-type processes; stochastic modelling of fractal; multifractal and multiscale systems; infinite dimensional stochastic analysis and others.

Mathematical Methods in Biology and Life Sciences Group

Areas of interest include: Heat and mass transfer models for plant cooling; Modelling cellular signal transduction dynamics; Mathematical oncology: multiscale modelling of cancer growth, progression and therapies, and modelling-optimized delivery of multi-modality therapies; Multi-scale analysis of individual-based models; Spreading speeds and travelling in waves in ecology; High Performance Computing; Numerical analysis: hp-adaptive Discontinuous Galerkin Finite Element Methods, Finite Volume Methods, iterative solvers; Computational solution of partial differential equations: fluid structure interaction for cardio-vascular problems, crack propagation, multiphysics modelling.

SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available.

swansea.ac.uk/science/postgraduatescholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/maths





MEDIA, COMMUNICATION AND PUBLIC RELATIONS

SINGLETON PARK CAMPUS

From traditional print and broadcast media to film and television, digital publishing, social networking, and public relations, the media increasingly defines the way we interact with our society. It shapes the way we see ourselves and others, and can be a powerful tool for social change, good or bad.

Media and Communications at Swansea University takes a broad research, practical and international outlook that reflects the challenges of our media-rich world. Our staff have particular

theoretical expertise in digital media, public relations, journalism and film studies. Teaching in these areas is informed by staff research activity and the department's long established strengths in these subject areas. Informed by these theoretical approaches, there is also a prominent practical element (both in teaching and work placements) in journalism, public relations, the digital media landscape and film making.

TAUGHT COURSES

Entry Requirements
Normally a 2:2 Honours degree (with an overall average of 55% or above) or an equivalent qualification.
.....

English Language Requirement
IELTS 6.5 (with a minimum of 5.5 in each component) or Swansea University recognised equivalent.

Work Placement Opportunities
We work with a range of media organisations and other related industries to offer a variety of media, marketing and communications placements for our MA media students on all our programmes. These are typically an addition to the taught programmes, although for some students they can be integrated with their summer project.

Communication, Media Practice and Public Relations MA FT PT
This programme offers practice and theory in professional, contemporary media, PR and communication skills, taught by industry professionals with academic backgrounds. The programme allows graduates to add valuable and desirable professional media and communications skills for careers in business, public and media relations, broadcasting, communications, and marketing. It also enables industry professionals to acquire new media skills and qualifications that will enhance their continuing professional development.

- Modules typically include:**
- Global media
 - Online journalism
 - PR, branding and promotion
 - Professional and promotional writing
 - The business and politics of digital media
 - The digital edge
 - The digital revolution
 - Video and documentary making
 - Visual communication and media design

Digital Media MA FT PT
This course explores the past, present and future of digital media. Combining thorough analysis with sought-after skills, this course is suitable for recent graduates or professionals in the field alike. Lectures will take you to the cutting edge of international research in topics such as digital conflict, social media cultures and cyber-war. You'll explore the business and politics of the biggest companies in the world, including Apple, Facebook and Amazon. There are also options in digital communication and design. You'll then be supervised in your own unique dissertation or extended design project, helping you demonstrate and develop your abilities in theory and practice.

- Modules typically include:**
- The digital edge: contemporary issues in digital media
 - The business and politics of digital media
 - Digital conflict and cyber-war
 - The digital revolution
 - Digital media design and visual communication
 - Global media and journalism

- Online journalism
- Public relations, branding and promotion, including social media

Erasmus Mundus Journalism, Media and Globalisation MA FT
This two-year, truly transnational degree provides a solid foundation for analysing and reporting global changes. Building on journalistic skills, the degree offers a unique combination of journalism, media studies and the social sciences. An international consortium of universities and media outlets work closely together to run the Mundus Journalism programme. Visit the website for more information: mundusjournalism.com

- Modules typically include:**
- Risk reporting
 - Terrorism, Conflict and The Media
 - Contemporary VWar Reporting
 - Academic dissertation

International Journalism MA FT PT
The MA in International Journalism provides a cross-cultural approach to journalism studies in the twenty-first century. It is aimed at those interested in developing their knowledge and understanding of the role of contemporary global society, and exploring how journalism is evolving in the ever-changing communication environment characterised by digital technologies. The course provides students with essential knowledge and skills of how journalism is practiced in different cultures worldwide as well as responding to their interest in comparative study in the field of journalism and communication studies.

- Modules typically include:**
- Global media
 - Comparative journalism
 - Video and documentary making
 - Online journalism
 - Professional and promotional writing
 - Risk reporting
 - Contemporary war reporting
 - Visual communication and media design
 - PR, branding and promotion
 - The business and politics of digital media
 - The digital edge: Contemporary Issues and Trends
 - The digital revolution

RESEARCH PROGRAMMES

Entry Requirements
PhD: Normally a first-class or 2:1 Honours degree and an MA in a relevant field or an equivalent qualification.
MRes or MPhil: A good Honours degree.
.....

English Language Requirement
IELTS 6.5 (minimum of 5.5 in each component) or Swansea University recognised equivalent.

Digital Media MPhil/PhD/MA by Research FT PT
Media and Communication Studies MPhil/PhD/MA FT PT
We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise focused around the following research groupings:

Media History, Theory, Philosophy and Technology
This group combines research at the nexus between media history, theory, the Philosophy of Technology and technological change, addressing key issues in the emerging global digital world. The group seeks to develop a critical understanding of networked digital media and online social practices and their social, economic and political dynamics in order to inform academic research, wider policy issues and public debates. The relationships between media technology, cultural form and the shift from 'atoms to bits'

are addressed through a range of innovative methodological approaches together with a focus on placing these developments within a historical and social context.

Globalization, Journalism, Media, Politics and Communication
This group brings together expertise in global media, journalism and communication from across the social sciences and humanities. Its particular strengths lie in political communication and the coverage of elections, and in the analysis of trends and patterns news outputs ranging from TV and radio to online blogging and social media cover economic, business, financial and political issues.

World Cinema
This group brings together substantial expertise in the history, theory and reception of World Cinema and is engaged in a variety of provocative analyses of films, filmmakers, movements and film-watching communities and nations in relation to history, literature, philosophy, new media and politics. The group offers particular expertise in transnational cinema, migrant cinema and Eastern European cinema.

Public Relations and Branding
This group focuses on the impact of branding and public relations on contemporary society and culture, alongside consideration of the impact of digital media on 21st century public relations and branding practice.

Media and Communication also benefits from research groups exploring gender, technology, war, and global journalism, and incorporates work on moral panics and media and identity in small nations, with particular reference to Wales. It is possible to undertake your postgraduate research through the medium of Welsh, there are Welsh medium staff with media expertise within the College of Arts and Humanities.

All research students in Media and Communication belong to the Graduate Centre in the College of Arts and Humanities. The Centre provides pastoral as well as administrative support and is also responsible for research skills training and support, and

facilitating a lively intellectual environment for the College's postgraduate research community of 200 students.
swansea.ac.uk/riah/graduate-centre

 Pre-master's pathway available for Communication, Media Practice and Public Relations MA (international students only), see page 44

 **SCHOLARSHIPS AND BURSARIES**
A range of postgraduate scholarships and bursaries are available. Funding may also be available from the Arts and Humanities Research Council. For details, please visit: swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE
Email: study@swansea.ac.uk
Tel: +44 (0)1792 295358
swansea.ac.uk/artsandhumanities



MEDICINE, LIFE SCIENCE AND HEALTHCARE

SINGLETON PARK CAMPUS

Swansea University Medical School was established in 2004 and is based in Wales's leading health and life sciences research facilities – the multi-million pound Institute of Life Sciences (ILS) 1 and 2, the Centre for NanoHealth and Data Science Building on the university's Singleton Campus.

Swansea University Medical School is now ranked as the UK's 3rd best Medical School and Wales's number one Medical School (The Guardian University Rankings 2019).

Swansea University Medical School is also ranked number 1 in the UK for research quality and is also ranked number 1 in Wales for Biological Sciences. Within the Research Excellence Framework (REF) 2014–2021, Swansea University Medical School was ranked equal first in the UK for the quality of its research environment and second for overall research quality. In 2016, it became the first department in Swansea University to win Athena SWAN Silver recognition for its work to promote women in science careers.

The clinical Postgraduate programmes at Swansea University Medical School are designed to fit around the lives of busy health professionals. Our modular framework allows NHS staff to study part time Master's Degrees, Postgraduate Diplomas and Postgraduate Certificates with standalone CPD modules and also online, distance learning options.

As a leading UK centre for medical research, we are committed to innovative health and life sciences research and are able to offer outstanding postgraduate opportunities in medical training on our fast track Graduate Entry Medicine programme and in scientific training, encompassing experimental science and health services.

The Medical School is also home to the Joint Clinical Research Facility (JCRF) which undertakes clinical trials and houses imaging suites working in close collaboration with the NHS, global pharmaceutical firm Sanofi and Siemens; High-Performance Computing (HPC) in collaboration with IBM and Fujitsu; and the £22million Centre for NanoHealth – a research & development facility dedicated to the advancement of healthcare through the application of nanotechnology. The School is also home to the EPSRC UK National Mass Spectrometry Facility, and the Data Science Building is home to the Farr Institute for Health Informatics; the Centre for Improving Population Health through E-Health Research (CIPHER) and the Centre for Administrative Data Research and Evaluation (CADRE).

Swansea University Medical School also collaborates widely with NHS Wales including Abertawe Bro Morgannwg and Hywel Dda University Health Boards. The School also works with the UK Research Council, Welsh Government, as well as many national and international firms.

TAUGHT COURSES

Entry Requirements

See individual courses.

English Language Requirement

IELTS 6.5 (with a minimum 6.0 in each component) or a Swansea University recognised equivalent.

Autism and Related Conditions

MSc/PGDip/PGCert **FT** **PT**

This programme explores Autism, a spectrum of lifelong conditions that present various challenges for those affected, and the services in place to provide care, education, training and support. This course is for doctors, nurses, allied health staff, educators, social care professionals and psychologists who wish to develop their understanding, skills and leadership in the management and care of people with Autism.

The Master's in Autism and Related Conditions, which is also available at Postgraduate Diploma and Postgraduate Certificate level as well as on a part-time basis, is a unique training and development programme leading to a postgraduate qualification for those professionals who are seeking to advance and specialise their knowledge and practice in Autism.

Modules typically include:

- Childhood and adult services
- Diagnosis and assessment
- Legal and policy considerations
- Living with Autism and related conditions
- Management of Autism and related conditions
- Neurodevelopmental conditions and behavioural analysis
- Research based dissertation or work based reflective portfolio

Entry requirements

Typically a 2:2 Honours degree or equivalent in an appropriate subject. There is also provision for admission that takes into account previous experience. If you do not have an undergraduate degree you must have significant relevant work (or other) experience, which has been assessed as appropriate by the Admissions Directors.

"My studies at Swansea and my experiences as a foster parent have inspired me to continue my research into Autism and I plan to base my doctorate on evaluating current Autism services in order to develop an online resource to support parents, carers and professionals."

Elizabeth Clatworthy,

MSc Autism and Related Conditions, 2014

Clinical Science (Medical Physics) MSc **PT**

This programme builds on an existing collaboration with the NHS in providing the primary route for attaining the professional title of Clinical Scientist in the field of Medical Physics.

The programme is accredited by the NHS and provides the academic component of the Scientist Training Programme for medical physics trainees, within the Modernising Scientific Careers framework defined by the UK Department of Health, and offers students the chance to specialise in either radiotherapy physics or radiation safety. This Master's degree is only suitable for trainees sponsored by an NHS or an equivalent health care provider.

Modules typically include:

- Advanced radiation safety
- Advanced radiotherapy
- Introduction to clinical science
- Medical imaging
- Nuclear medicine and diagnostic imaging
- Radiation protection
- Radiotherapy physics
- Research methods

Entry requirements

Typically a 2:2 Honours degree or equivalent in engineering or the physical sciences.

Diabetes Practice

MSc/PGDip/PGCert/CPD – distance learning **PT**

Diabetes Practice is a flexible postgraduate Distance Learning programme that has been designed for Health Care Professionals with a special interest in Diabetes. The aim of the course is to provide fundamental and advanced knowledge, clinical skills and experience to bridge the current knowledge gap in diabetes care and meet the health and care needs of people with diabetes, including the support of effective self-care management.

Modules typically include:

- Diabetes Basics
- Diabetes Events
- Diabetes Complications
- Diabetes Situations
- Diabetes Management

Dissertation or Work-based Portfolio (There is a unique opportunity for Health Care Professionals to review, appraise and evaluate the application of their new knowledge within their own clinical work environment).

Entry Requirements:

Applicants should hold a 2:1 in a relevant subject preferably with clinical experience.

Significant relevant experience in a diabetes related healthcare discipline may be accepted in lieu of a degree

"As a busy DSN (Diabetes Specialist Nurse), I face complex care challenges on a daily basis. I am passionate about delivering the best care possible for people with diabetes and the MSc Diabetes Practice is going to help me achieve this. It is also great to be able to study at a postgraduate level through the distance learning option as it allows me to work my studies around my busy job and life. I can't wait to get started in September."

*Nicola Hewer, Diabetes Specialist Nurse
Cwm Taf University Health Board*

Education for the Health Professions

MA/PGDip/PGCert **FT** **PT**

Please see Health Science section on page 90.

Graduate Entry Medicine MBBCh

Our Graduate Entry Medicine Programme (MBBCh) is unique in Wales, and one of a small group of similar programmes of medical study in the UK. It is an innovative, 4-year accelerated medical degree open to graduates of any discipline.

The curriculum has been structured to reflect the way in which clinicians approach patients and how patients present to doctors, where the basic biomedical sciences are learnt in the context of clinical medicine, public health, pathology, therapeutics, ethics and psychosocial issues in patient management.

You will engage in a high level of clinical contact from the outset including self-selected Learning Opportunities in the Clinical Setting (LOCS), clinical apprenticeships, junior assistantships, specialty attachments and community-based learning.

This, together with a high emphasis on clinical and communication skills, will provide you with

everything you'll need to practise medicine competently and confidently.

Entry requirements

In order to be eligible to apply for Graduate Entry Medicine, you must have achieved, or be predicted to achieve, the following (or equivalent) by 31st July 2018:

- Either an upper second (2:1) or first class degree in any subject
- Or a merit or distinction (equivalent to 2:1 or first) in an integrated undergraduate Master's degree
- Or a lower second (2:2) PLUS a Postgraduate master's or PhD
- GCSE Mathematics and English/Welsh at grade C or above
- IELTS 7.0 with no less than 7.0 in speaking and 6.5 in listening, reading and writing (International Candidates)

Degrees awarded in countries other than the UK can be accepted if they are confirmed to be equivalent to awards in the UK system. If you hold more than one undergraduate degree, the result from the most recent degree is considered.

GAMSAT

You must sit the GAMSAT prior to applying. GAMSAT is a professionally designed selection test for medical schools offering graduate entry programmes.

You must achieve a minimum overall GAMSAT score of 50, together with a minimum of 50 in Paper 3 (Reasoning in Biological and Physical Sciences) in order to be considered.

Interviews will be offered to candidates that meet an overall cut-off score in the GAMSAT, which is determined annually once all scores have been received. As an example, for entry in 2015, the overall cut-off score was 58. The Medical School is currently reviewing other Medicine Admissions Tests for international Graduate Entry Medicine applicants. Please contact us for further information

Graduate Entry Medicine is not open to:

- Applicants who have previously enrolled on a medical degree
- Transfers from other medical courses

For further information please visit:

swansea.ac.uk/medicine



MEDICINE, LIFE SCIENCE AND HEALTHCARE

SINGLETON PARK CAMPUS

Genomic Medicine

MSc/PGDip/PGCert/CPD

Based on the indicative curriculum of Health Education England, NHS England and Genomics England LTD, our course will equip research scientists and Health Care Professionals with; knowledge and skills to understand and interpret genomic data, an understanding of genetic and genomic techniques in a clinical setting, bioinformatic approaches required for analysis of genomic data, advanced knowledge and skills, preparing graduates to develop and deliver personalised health care. WEDS Funding is available.

Employability is key to this programme. Our students will be able to enhance their employability skills through their education and training in genomic medicine, transforming both the specialist and general workforce within the NHS. Furthermore, for non-NHS funded students, this programme will prepare graduates for careers in the clinical setting for which a knowledge of genomics will improve service delivery to patients.

The master's element of this programme will require students to complete a Research Project or in depth literature review. Students will be encouraged to undertake their research project within the NHS, either within the students hosting NHS department or where they may expect to work following graduation.

Modules typically include:

- Human genetics and genomics
- Bioinformatics
- Omics techniques
- Infectious, rare and inherited diseases
- Cancer diagnosis, screening and treatment
- Ethical, legal and social issues
- Laboratory-based research project or literature review

Entry Requirements:

Applicants should hold a 2:2 in a relevant subject such as biochemistry, genetics, pharmacology, pharmacy, medical biosciences or nursing. Significant relevant experience may be accepted in lieu of a degree.

"The application of genomics medicine will allow more accurate diagnosis, management, surveillance, family counselling and individualised treatment with a significant impact over the lifetime of a child. The MSc at Swansea University Medical School will enable me as a General Paediatrician to stay on top of developments in this field and apply this to the best benefit of my patients and their families."

Dr Torsten Hildebrandt, Consultant Paediatrician at ABMU Health Board

Health Data Science MSc/PGDip/PGCert

FT PT

Healthcare, with an already established strong relationship with Information and Communication Technologies (ICT), is continuously expanding the knowledge forefront as new methods of acquiring data concerning the health of human beings are developed.

Processing this data to extract valuable information about a population (epidemiological applications) or the individual (personalised healthcare applications) is the work of health data scientists. Their work has the potential to improve quality of life on a large scale.

Modules typically include:

- Advanced analysis of linked health data
- Analysis of linked health data
- Health data modelling
- Health data science dissertation
- Health data visualisation
- Machine learning in healthcare
- Scientific computing and healthcare

Entry requirements

Typically a 2:2 Honours degree or equivalent in a relevant discipline. Candidates with a minimum of two years of relevant employment are also welcomed.

"The MSc Health Data Science Year 1 has allowed me to develop my role within the Health Board utilising the skills and learning around health data modelling and linked data analysis to enhance existing data reporting within Cardiac Services across Wales."

Ricky Thomas, MSc Health Data Science

Health Informatics MSc/PGDip/PGCert

FT PT

Government policies, professional bodies and European strategies have all made explicit reference to the need for healthcare staff with health informatics education and training to keep in line with new developments and the changing nature of new technology.

This programme is designed for healthcare professionals and those who want to increase their knowledge and skills in health informatics, and is accredited by the UK Council for Health Informatics Professions (UKCHIP).

Modules typically include:

- Communication systems
- Data quality and secondary uses
- Health technologies and telecare
- Information systems and technologies
- Knowledge management
- The health informatics professional
- Dissertation

Entry requirements

Typically a 2:2 Honours degree or equivalent in a relevant discipline. Candidates with a minimum of two years of relevant employment are also welcomed.





MEDICINE, LIFE SCIENCE AND HEALTHCARE

SINGLETON PARK CAMPUS

“The Taught Master’s Health Informatics course provided a structured approach to understanding current informatics issues in the Welsh, UK and international health setting.

A range of academic and professional speakers throughout the course provide interesting insights into the challenges facing informaticians. The high standard and relevant content of the lectures provided me with knowledge plus an understanding of the Health Informatics field. Through this understanding a variety of Health Informatics challenges were explored and discussed so that real life practical solutions could be envisaged.”

Jamie Gwilliam,
MSc Health Informatics

Leadership for the Health Professions MSc/PGDip/PGCert **PT** (campus-based/distant learning)

This unique inter-professional, multi-level, leadership development programme has been designed primarily for health professionals actively working in health care, education, research or management. The course is suitable for doctors (including doctors in training), nurses, academic staff and other health professionals at all stages of their career with a leadership or management role or those aspiring to one. The programme has been designed specifically for busy working professionals, combining face to face contact days supplemented by online learning and tutor, mentor and peer support. It is available both as a campus-based course (at Swansea and Leicester) and a distance learning course.

Modules typically include:

- Leadership in Practice
- Understanding Organisations, Systems and Services
- Developing Yourself as a Leader and Managing Performance
- Developing Leadership, Innovation and Change
- Professional Development in Practice

Entry requirements

Candidates will require at least a 2:2 Honours degree or equivalent in an appropriate subject.

“The MSc in Leadership for the Health Professions has been invaluable; it has provided me with the knowledge and confidence to grow and accelerate my medical leadership career both clinically and academically. Delivered by supportive, accessible and expert tutors in the field, this course is flexible enough to fit alongside clinical training and I would highly recommend it to anyone dedicated to improving healthcare within the UK.”

Dr Alex Till, MSc in Leadership for the Health Professions, Psychiatric Core Trainee and NHS England Clinical Fellow, 2016/17

Medical Radiation Physics MSc **FT PT**

This programme provides students of engineering and the physical sciences with the necessary knowledge and understanding of the use of radiation in medicine, in order for you to become conversant in radiation physics mechanisms, human physiology and medical terminology. A direct link to the clinical practice of medical physics is provided through hands-on experience with equipment used routinely in the hospital setting, including state-of-the-art MRI and CT facilities and medical linear accelerators, in order to prepare you for research or clinical training in this rapidly changing field.

Tuition provides experience in computer-based modelling and research methodology, including the ethical dimensions associated with medical research. The programme benefits from highly successful research partnerships between Swansea University Medical School and Abertawe Bro Morgannwg University (ABMU) Health Board, including the Institute of Life Science and Centre for NanoHealth initiatives, as well as local industry. Research projects examine advanced practice in radiotherapy, nuclear medicine and radiation protection, software and medical device development; typically making use of Monte Carlo modelling, high-performance computing and image processing methodologies.

The programme is accredited by the Institute of Physics and Engineering in Medicine (IPEM).

Modules typically include:

- Advanced radiotherapy
- Data analysis and method development
- Introduction to clinical science
- Medical imaging
- MSc research project
- Nanoscale simulation
- Nuclear medicine and diagnostic radiology
- Radiation detectors
- Radiation protection
- Radiotherapy physics
- Research methods

Entry requirements

Typically a 2:2 Honours degree or equivalent in engineering or the physical science.

Nanomedicine MSc/PGDip/PGCert **FT PT**

This innovative programme combines a multidisciplinary approach of nanotechnology and medical science that promises to bring significant advances in the diagnosis, treatment and prevention of disease. This course is suitable for graduates with experience in disciplines of biology, life sciences or engineering who wish to develop their understanding of the application of nanotechnology to medicine and to undergo training in experimental design and experimental practice in a novel research topic.

Modules include:

- Bioinformatics
- Diagnostics and imaging
- Laboratory Techniques
- Nano(geno)toxicology
- Nanomedicine and therapeutics
- Physiology and disease
- Principles of nanomedicine
- Regenerative medicine
- Research design and ethics
- Research dissertation
- Statistics

Entry requirements

Typically a 2:2 Honours degree or above in a biological science or related subject; Engineering; Physics; Chemistry or an equivalent qualification.

“The MSc Nanomedicine has exposed me to novel therapeutic and diagnostic platforms whilst giving me sufficient knowledge that is a pre-requisite for research in an evolving medical world.”

Bukola Omolaiye,
MSc Nanomedicine

Physician Associate Studies MSc **FT**

One of the first courses of its kind in Wales, the Physician Associate Studies programme is a collaborative venture between the Medical School and College of Human and Health Sciences. It has been developed in line with government guidance to help meet the strategic need for a modernised healthcare workforce. Year 1 of this two year course comprises systems-based clinical learning and practical sessions led by experienced clinicians, with some integrated clinical exposure. Year 2 is mainly composed of supervised clinical placements with some supplementary formal teaching. The course will equip students with the knowledge and clinical skills required to pass the National Certification Examination and start work as a Physician Associate. Students will have the opportunity to:

- Seek out and recognise the clinical applications of their theoretical learning
- Apply learning within the practical setting
- Reflect on practice to identify individual learning needs
- Develop clinical reasoning and a range of practical skills
- Develop the professional attributes required by a healthcare professional

Entry Requirements

A minimum of a 2:2 in a biomedical science or health related discipline, and GCSE Mathematics and English/ Welsh at Grade C or above (or equivalent). Applicants who have achieved a high degree (2:1 or above) in a non-related discipline and can provide evidence of relevant work experience and values in line with the NHS constitution may be considered on an individual basis.

NEW FOR 2018/19

Medical Education MSc/PGDip/PGCert/CPD 2 years Part-Time Blended Learning

This multidisciplinary programme is aimed at those involved or interested in medical or healthcare education and who are passionate about their subject and the learning of healthcare professionals.

The course offers a flexible blended learning approach of distance learning with residential elements. You will study the science of learning and the evidence base for educational practice; it links educational theory and evidence to the practice of education in healthcare in a variety of settings and roles.

The course explores the key challenges, contemporary issues and the latest research in medical and health professions education, and develops knowledge and skills in curriculum development, teaching, learning, assessment, and conducting educational research into yours and others educational practice.

Modules typically include:

The majority of the programme will be delivered via distance learning, including online activities, lectures, group discussions and assigned tutor meetings (group and one-to-one).

The on-campus “residential” sessions will take place during the first modules of each year typically in October. The learners will undertake a series of workshops, practical sessions and one-to-one tutorials. These contact sessions will allow learners to get to know each other, develop peer-support networks, and get to know faculty.

Each qualification has been carefully selected to address different incremental competencies that may attract diverse audiences or learners at various stages of their careers, who aim to be:

‘The Expert Teacher’ Postgraduate Certificate (2 core modules, 1 optional = 1 year Part Time). Focused on enhancing your skills to become an expert teacher, informed by a critical appraisal of the underlying evidence. Includes planning, delivering and evaluating learning activities.

‘The Educational Leader’ Postgraduate Diploma (4 core modules, 2 optional module = 2 years Part time). After completing the Postgraduate certificate, you can move on to a diploma enabling you to become an educational leader; designing and managing change at an organisational level. Includes options such as curriculum design, mentoring and supervision; Programme evaluation and change.

‘The Scholar’ MSc (2 years Part time). This option will go beyond effective use and critique of educational research into actively producing and publishing scholarly materials, with a focus on undertaking research that can improve learning in your place of practice.

Entry Requirements:

Applicants should hold at least a 2.2 honours in a degree awarded in the UK or recognised degree as equivalent to awards in the UK system.

The programme is professionally focused but candidates are not required to be in a teaching post. This programme is intended for current or future teachers, trainers, academics, managers and leaders in medicine and health professions education, therefore candidates must demonstrate how they fit within this group in their CV and personal statement.



NEW FOR 2018/19:

Clinical Medicine

MSc/PGDip/PGCert/CPD **PT**

3 years

This flexible, part-time Master's course is designed specifically for GPs, junior doctors, senior nurses, nurse practitioners, pharmacists and any health professionals who want to develop their clinical leadership and management skills while continuing to work full time in the NHS. It is recognised that demand for NHS services will increase because of the increasing population age and prevalence of people living with long-term and chronic conditions with high and rising costs of treatment and care. This course aims to support healthcare professionals, particularly those working in general practice, in developing their clinical leadership and management skills to become empowered, well-developed clinicians who are prepared for the impact of these pressures upon the NHS while continuing to maintain and improve patient care – directly via clinical provision or indirectly via mentorship of colleagues and medical students.

Modules typically include:

- Diabetes
- Cardiovascular Medicine
- Microbiology
- Leadership
- Systems and Organisations
- Critical Analysis and Appraisal
- The final year will be dedicated to a clinical portfolio or research dissertation.

Entry Requirements:

MSc Clinical Medicine is primarily aimed at junior doctors in specialist training and GPs. It is also suitable for other medical professionals wishing to further their education in specialist fields and general principles. Standard admission to the MSc will require either a medical degree or at least a 2.2 honours degree in an appropriate subject that has led to registration with a professional body (e.g. Nursing and Midwifery Council). There is also provision for admission that takes into account work experience for applicants who do not meet the specified criteria.

RESEARCH PROGRAMMES

Entry Requirements

See individual courses. Students are able to tailor their studies towards a career in one of the School's internationally recognised research themes: Biomarkers and Genes; Devices; Microbes and Immunity; Patient and Population Health and Informatics.

Research Degrees: applicants must hold an initial UK degree or an equivalent qualification, and would typically have achieved, or be predicted to achieve a minimum classification of 2:2 or equivalent.

Doctoral Level Research: applicants would typically have, or be studying for, a Master's degree of a UK University or an equivalent qualification.

MD Degrees: Applicants should typically have a Bachelor of Medicine or Surgery awarded at least three years prior to the submission of the Thesis.

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

Research in Health Professions Education

MRes/DProf **FT** **PT**

These Professional Doctorate research degrees are aimed at generating evidence for the education of Health Professionals. Candidates can enrol for either a short, Master's level programme (MRes) or a long, Doctoral Level research degree (DProf) in a programme which combines an initial taught phase with supervised research. The research is normally undertaken in, and on, the student's workplace.

Key features include:

- Full training and support in a broad range of research methods
- Focused, taught analysis of the evidence base for current practise in health professions education

2nd
RANKED MEDICAL SCHOOL
IN THE UK
RESEARCH EXCELLENCE

1st
RANKED MEDICAL SCHOOL
IN THE UK
RESEARCH ENVIRONMENT
(Research Excellence Framework 2014–2021)

- Supported development of a research proposal, including literature review, methodological approaches and ethical approval
- Support from an outstanding community of experienced researchers to address specific training and research needs
- Use of an experienced supervisory team approach to ensure broad support across a range of needs
- Emphasis is research-on-practise, meaning research can be conducted in place of work

Entry requirements

This course is suitable for anyone who wishes to undertake rigorous, practice focused research into the education of health professionals. Trainees are also welcome. Applicants would typically be expected to have a 2:2 Honours degree or equivalent (e.g. MB BCH).

Contact:

Dr Phil Newton p.newton@swansea.ac.uk
Professor Andy Grant a.j.grant@swansea.ac.uk
medicine.swansea.ac.uk
Twitter: @RiHPE

Health Informatics MRes **PT**

The developing discipline of health informatics is becoming an increasingly important component of health provision in the 21st Century. This programme builds on the successful MSc in Health Informatics which has been running at Swansea University since 2001.

The focus is on primary research, undertaken over 2 years. Research skills are developed through three short modules as the student develops their own health informatics research project in the first 9 months of the course. The research project may be undertaken within the student's own place of work. This course is designed for those with experience in health informatics who want to make a contribution to the field by helping develop the knowledge base.

Modules typically include:

Students must undertake the following 3 modules, totalling 60 credits at M level in their first academic year:

- Any one existing health informatics module relating to the chosen topic
- Critical appraisal and evaluation
- Undertaking health informatics research

The second year will comprise supervised completion of a research based thesis.

Entry requirements

Admission to this course is typically on the basis of UK Honours degree 2:2 or above or an equivalent qualification. Applications from non-graduates with domain expertise are welcome.

Medical and Health Care Studies MSc

by Research/MPhil/PhD/MD **FT** **PT**

Swansea University Medical School invites applications from well-qualified candidates whose research interests correspond to the following expert-led research themes and technology platforms:

- Biomarker and gene discovery
- Devices
- E-Health
- Informatics
- Microbiology, infection and immunology
- Nanohealth
- Patient and population health
- Translational medicine

The School also has strong links with the NHS and welcomes applications from candidates with a clinical research interest in:

- Accidents
- Ageing
- Ambulatory care
- Burns and plastics
- Cancer
- Cardiovascular disease
- Diabetes
- Epilepsy
- Gastroenterology
- Hospital at home
- Infectious diseases
- Pre-hospital care
- Psychiatry
- Rheumatology
- Trauma surgery

Entry Requirements

Applicants must hold an Undergraduate degree at grade 2:1 or above, or equivalent. Applicants with a lower grade are encouraged to apply providing they can demonstrate 'an advantage' to make up for the lower academic grade.

Continued Professional Development

(CPD) opportunities

The School is committed to providing a framework for continued personal and professional development, which allows clinicians, educationalists and scientists to undertake Master's level education to support their professional roles. The majority of modules offered on our programmes are available as stand-alone CPD courses.

Entry requirements

Candidates will be required to enrol as Associate Students and the entry requirements are determined by the programme that the module belongs to.



Pre-master's pathway available for Health Informatics MSc/PGDip/PGCert (international students only), see page 44



Welsh scholarships and bursaries are available, visit colegcymraeg.ac.uk



GREAT MINDS

Professor Steve Conlan

Professor of Molecular and Cell Biology, Reproductive Biology and Gynaecological Oncology and Director for Centre of NanoHealth Swansea University Medical School



“ These innovations could revolutionise cancer care. ”

Steve Conlan is Professor of Molecular and Cell Biology at Swansea University Medical School. He is head of the Reproductive Biology and Gynaecological Oncology research group, and Director of Strategic Partnerships and Acting Head of Enterprise and Innovation for the Medical School.

Professor Conlan is a Fellow of the Royal Society of Biology (FRSB), and a Trustee of the British Society of Nanomedicine. He is a Senior Affiliate Member of The Methodist Hospital Research Institute, Houston Texas, and Distinguished Professor at Xi'an Jiaotong University, Suzhou Academy, China.

Steve has achieved success in developing infrastructure bids, strategic national and international collaborations, and industrial partnerships.

He was a founding Director of the £22million Centre for NanoHealth [CNH] at Swansea University, an interdisciplinary R&D facility bringing together clinicians, biologists, physicists, chemists, engineers and businesses together under one roof to deliver advances in nanomedicine. Steve is now Strategic Director of the Celtic Advanced Life Science Innovation Network (CALIN), a €2Million Ireland-Wales INTERREG operation established to build a innovation bridge between Wales and Ireland in life sciences. He currently leads industry facing R&D projects with industrial partners including Axis Bioservices, Bruker nano, GSK, GE Healthcare, Ig Innovations (part of the Abbott group), Porvair, and ReNeuron.

Prof Conlan's research focuses on the application of molecular, cellular and nanobiology approaches to understanding gynaecological pathologies including cancer and infertility. He has a particular interest in the impact of aberrant transcription and epigenetic processes, and advanced therapeutics (Antibody Drug Conjugates, exosomes, and nanoparticle deliver systems). He is affiliated to the Wales Cancer Research Centre, a virtual network in Wales, where he coordinates activity in developing novel therapeutics for ovarian cancer with colleagues in Swansea and Cardiff.

Prof Conlan holds an honorary consultant position in Abertawe Bro Morgannwg University Health Board, working with clinical colleagues in Singleton Hospital in Swansea and The Princess of Wales Hospital in Bridgend

Pioneering work by Professor Conlan and his colleagues at the Centre for NanoHealth are driving forward developments to tackle endometrial, breast, and ovarian cancer diagnosis and treatment.

Professor Conlan said: “These innovations could revolutionise cancer care. Nanosensors will allow cancers to be detected earlier, before they spread through the body (metastasis), allowing tumours to be completely removed by surgery. And where this is not possible, nanomedicines aim to deliver more effective treatments, with the ultimate aim of curing cancers.”





MODERN LANGUAGES, TRANSLATION AND INTERPRETING

SINGLETON PARK CAMPUS

The Department of Modern Languages, Translation and Interpreting has research-active staff specialising in the following languages: Arabic, Catalan, Chinese (Mandarin), French, German, Italian and Spanish. Our taught MAs have a long track record of inspiring excellent general linguists into becoming practising translators and interpreters.

Staff research interests range from linguistics (descriptive, historical and theoretical) to a very wide range of topics in literature, film and cultural history, to translation and interpreting studies, terminology, literary translation, and translation tools and technologies.

In the 2014–2021 Research Excellence Framework we were rated 7th in the country for the impact of our research.

TAUGHT COURSES

Entry Requirements
Normally a minimum 2:1 Honours degree or equivalent in Modern Languages, Translation, Interpreting or a related subject.
.....

English Language Requirement
IELTS 6.5 (with a minimum of 5.5 in each component) or Swansea University recognised equivalent.

All our taught programmes are designed, with professional input from active participants in the language services industry, to be as up-to-date and professionally relevant as possible, with a high proportion of practical, hands-on learning and project-based assessment.

The Department offers two linked, highly international taught MA programmes, in Professional Translation (MAPT) and in Translation and Interpreting (MATI). We are proud that the first has been a member of the European Commission's European Masters in Translation (EMT) Network since its inception in 2009. Both MAs are available in two forms: Standard (180 Credit / 90 ECTS, 1 year full time, 2 or 3 year part time) and Extended (240 Credits / 120 ECTS, 16 -21 months full time, 4 years part time.) The extended MAs are designed to be of particular interest to students based in continental Europe or planning to work or study there after their degree. They are compliant with EU 'Bologna' pattern of higher education and as such fully recognised around Europe.

Our long-standing expertise in translation tools and technologies is reflected in the 60-credit Postgraduate Certificate in Translation Technology, of particular interest to practising translators looking to update their technological skills.

Professional Translation MA **FT** **PT**

By combining advanced translation work in administrative and technical domains with in-depth computer-assisted translation technology training, this practical Master's programme provides graduates with the skills and experience to become immediately productive in a modern professional environment. In addition to practical translation and terminology work in one or two language pairs, in the first two semesters students take a compulsory module in Foundations of Translation and Interpreting, which offers an introduction to relevant areas of linguistics and translation theory, a presentation by professionals of key aspects of the language services industry, and practice in methods for researching specialised domain knowledge and terminology. The other compulsory module, Translation Tools, includes a multilingual website translation project using SDL Trados Studio, Memsource, and other software, and offers the opportunity to take Trados certification tests at all levels without charge.

- A range of other taught options are available:**
- Audiovisual adaptation (subtitling, dubbing and audio description)
 - Linguistics
 - Terminology Management
 - Translation Technologies

- Translation Theory and Ethics Through the Ages
 - One of the Interpreting modules from the Translation and Interpreting MA
- In the Translation Work Experience module students organise themselves into a simulated translation company and, under the mentorship of our industry partners, undertake real translation work. It is also possible to learn a new language from scratch, or pick up again a language perhaps neglected since school. Part Two of the Standard programme may consist of either a Dissertation, or two Extended Translations (one of which may be a Multimedia Project), or a 12-week Internship, in the UK or abroad, which we will help you to organise with extensive range of industry contacts. The second half of the Extended programmes can be built flexibly from a combination of additional taught modules (at Swansea or abroad), and/or one or two of the Part 2 options from the Standard programmes. The 4-semester version offers a unique opportunity to study for one semester each at two partner institutions abroad belonging to the prestigious METS Consortium, leading to the award of a METS Certificate in addition to the MA from Swansea University.

mastertaduction.eu/index.php/en/

Translation and Interpreting MA **FT** **PT**

This programme builds on the Professional Translation MA with an additional emphasis on Public Service Interpreting (including an introduction to conference interpreting). Like its sister programme, it is available in both Standard (180 credit, 90 ECTS) and Extended (240 credits, 120 ECTS) versions – see above.

It is designed to provide students with a qualification which validates a wide range of professional skills, and allows them to respond flexibly to the changing challenges of the language services market. In the first two semesters students take one or more practical modules on interpreting in Local Government, Health Care, Business or Police and Court settings (not all options are available every year). These modules are taught by a dedicated team including practitioners and academics; fellow students from the relevant areas also participate by role-playing with our MA students. Each module prepares students to pass the examinations of the Diploma in Public Service Interpreting (DPSI) offered by the Chartered Institute of Linguists.

ciol.org.uk

New modules on Consecutive Conference Interpreting and Simultaneous Conference Interpreting will be available in Mandarin, English and Spanish, English, in the first instance. Other languages will come on board gradually.

Part 2 of the Standard degree and the second half of the Extended programme are identical to those in the MA in Professional Translation (see previous page).

Translation Technology PGCert **FT** **PT**

This programme, which is particularly attractive to working translators wanting to enhance their qualifications and technical expertise, consists of three modules drawn from the MA programmes opposite: Translation Tools (Semester 1) and Translation Technologies (Semester 2) are compulsory and the final module is an optional choice.

RESEARCH PROGRAMMES

Entry Requirements
Normally a minimum 2:1 Honours degree or equivalent in Modern Languages, Translation, Interpreting or a related subject. For PhD entry a postgraduate qualification is highly desirable.

English Language Requirement
IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

- Arabic**
- Areas of expertise include:**
- Modern and classical Arabic text discourse analysis
 - Pragmatics and context in interpretation of Arabic
 - Qur'anic text and discourse analysis
 - Populist and Islamic movements in the Arab world
 - The Egyptian Islamic group
 - Policing Arab and Islamist communities in the UK and Egypt
 - Islamists and the State

French

Staff specialisms encompass a wide range of periods and themes concerning France and the French-speaking world. Recent PhD topics include: 'Wales in Continental Guidebooks (1850-2013): A Country on the Imaginative Periphery'. Research supervision is also available through the medium of Welsh. Our students have received funding from the Arts and Humanities Research Council and the Coleg Cymraeg Cenedlaethol.

- Areas of expertise include:**
- Medieval and early modern literature (including Marie de France, the fabliaux, Rabelais)
 - Women's writing and gender theory (e.g. de Beauvoir, Duras, Darrieussecq)
 - Twentieth- and twenty-first-century literature
 - Contemporary poetry and the visual arts
 - Dada and Surrealism
 - Medical humanities
 - Memory studies / conflict studies, e.g. Occupied France, le Shoah, the Algerian War
 - Francophone literatures and migrant cultures
 - Travel writing and transnational studies

German

Much of our activity in German is concentrated in the Centre for Contemporary German Culture which has produced more than a dozen PhDs since its foundation in 1993. Recent PhD topics include: 'Affective Affinities: Memory, Empathy and the Weight of History in the Work of Herta Müller'; Our students have received funding from the Arts and Humanities Research Council, the Pantyfedwen Trust and the College of Arts and Humanities.

- The Centre's focal points include:**
- Women's writing
 - Turkish-German and German-Jewish writing
 - German writing from Eastern and Central Europe
 - Baader Meinhof and the Novel
 - The films of Andreas Dresen

Other staff specialisms include:

- Ballads and popular culture from the seventeenth century to the present day
- Nineteenth-century realism, particularly Stifter and Fontane

Hispanic – General

- Hispanic and Lusophone 20th and 21st century cultures and literatures.
- Comparative literature; Cultural Semiotics.

Spanish – Spain

Spanish Language:

- Learning Spanish bilingually or as a second/heritage language
- Spanish linguistics and psycholinguistics
- Narrativity and semiotics of the Spanish crisis.

Current literary topics include: 'Female Role Play in Golden Age Drama'.

Spanish – Latin America

Research in this area is conducted through the Centre for the Comparative Study of Portugal, Spain and the Americas (CEPSAM) in collaboration with staff and research students in American Studies. The Centre is the leading research organisation in its field in Wales. It has recently obtained a Regional Seminar Series Grant from the Institute for the Study of the Americas (University of London) which has brought together Wales-based Latin Americanists to work on a project entitled 'Memory, Place and Space in Latin America'.



MODERN LANGUAGES, TRANSLATION AND INTERPRETING

SINGLETON PARK CAMPUS

Areas of special interest include:

- Twentieth-century prose and poetry
- Women's writing and feminist theory
- Contemporary Spanish American film
- Spanish American nation building
- Afro-Latin American Studies
- Twentieth-century Argentine literature and culture
- Welsh Patagonia
- Twentieth-century Colombian literature and culture
- Twentieth-century Cuban literature and culture
- Wilderness and Eco Literature
- 20th century Uruguayan literature

Current PhD topics:

'Literal and Metaphorical Spaces at the Margins: Marginalization in Contemporary Colombian Literature'. Research supervision is also available through the medium of Welsh. Our students have received funding from the Arts and Humanities Research Council, the Maney Fund and the Pantyfedwen Trust.

Translation and Interpreting

Staff research interests in Translation and Interpreting cover a range of themes, including:

- Literary translation
- Theatre translation/adaptation
- Translation theory (including non-Western)
- History of translation
- Audiovisual translation
- Comparative translation studies
- Translation and social discourse
- Corpus-based translation analysis
- Translation and the lexicon
- Computer-based lexicography and terminography
- Translation processes: psycholinguistics of translation, translation workflows
- Translation tools and technologies
- Translation visualisation
- Business Consecutive Conference Interpreting
- Simultaneous Conference Interpreting

Current and recent PhD topics:

'An Evaluation of Translation Programmes in Saudi Arabian Universities', 'Nominal Compounds in English and their Translations into Spanish and Slovak', 'A Study of Xiao Qian as a Translation Theorist and Translator', 'Design, compilation and applications of an English-Polish-Belarusian Parallel Literary Corpus', 'A comparative evaluation of the performance of Computer-Aided Translation (CAT) and Machine Translation (MT) tools in English-Arabic translation', 'Taboo Topics And "Sensitive" Language In English Into Arabic Tv Subtitling For A Saudi Arabian Audience', 'Saudi EFL Learners' Attitudes toward Using Machine Translation in their EFL Study Programme: A Case Study of Qassim University', 'A Corpus-based Study of the Impact of Directionality on English <> Chinese Simultaneous Interpreting', 'The role of linguistics in look-alike sound-alike medication confusion errors in the UK, Italy and Russia', 'The Significance of Note-taking in Chinese-English Conference Consecutive Interpreting in a Business Setting', 'Exploring the Cultural and Linguistic Dimensions in Arabic Dubbed Disney Films', 'The impact of the current change in the Saudi society on translating culture specific references', 'The Technical and Ideological manipulations in the Political Subtitling of Digital Media Outlets (Arabic)', 'Exploring Cultural Challenges in English-Arabic Translation: A New Approach To Developing Translator Assessment', 'A study of the principal translations into English of Cervantes's Don Quijote, up to the end of the eighteenth century.'

Other recently PhD topics include:

'Methods for Improving Sub-Segment Recall in Translation Memory Systems', 'Translation Tools and Technologies in the Welsh Language Context', 'A Comparison of English Translations of French Prose Poetry', 'Child got your tongue: translating expressive language in children's literature (English to Swedish)', 'Formulaic Expressions in Computer-Assisted Translation', 'The Conceptual Semantics of Word Formation: A Romance Perspective', 'Contrastive Analysis of English and Polish Surveying Terminology', 'Characterizing the Polysemy of French and English Deverbal Nominalisation Suffixes', The

Department benefits from extensive library holdings in print and online form.

All postgraduate students have access to two computer-based language laboratories, and an advanced Translation and Media computing lab, housing the latest digitisation, corpus analysis and computer-assisted translation tools.

All research students belong to the Graduate Centre in the College of Arts and Humanities. The Centre provides pastoral as well as administrative support and is also responsible for research skills training and support, and facilitating a lively intellectual environment for the College's postgraduate research community of 200 students.

The Research Institute for Arts and Humanities (RIAH) supports three major Research Centres:

- Richard Burton Centre for the Study of Wales, an interdisciplinary forum that focuses on the cultural and historical traditions in the Welsh and English languages
- CODAH, the Centre on Digital Arts and Humanities codah.swansea.ac.uk, which runs a series of interdisciplinary projects in Heritage and History, Literature, Linguistics, Political and Social Sciences, Media Studies, Future Media/Human-Computer Interaction
- Language Research Centre, a global hub for single, inter- and multi-disciplinary empirical research into language data and processes.

RIAH supports a wide range of other research groups, which provide a focus for specialist projects, postgraduate research, grant applications, seminar series, and contact with external partners. Those to which researchers in Modern Languages, Translation and Interpreting contribute include:

- CCGC: the Centre for Contemporary German Culture
- CEPsAM: the Centre for the Comparative Study of Portugal, Spain and the Americas
- GENCAS: the Centre for Research into Gender in Culture and Society
- MEMO: the Centre for Medieval and Early Modern Research
- STING: Swansea Translation and Interpreting Group (part of the Language Research Centre)

As a PhD or MPhil student you will be expected to attend research events (such as colloquia or weekly seminars) with visiting speakers from the UK and abroad.



SCHOLARSHIPS AND BURSARIES

Many fees only bursaries are available for PhD research projects in the Romance languages (Catalan, French, Italian, Portuguese and Spanish).

A range of postgraduate scholarships and bursaries are available. For details, please visit:

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/artsandhumanities



Our state-of-the-art facilities include: a low-energy positron beam with dedicated instrumentation for the study of positronium, a number of continuous-wave and pulsed laser systems, and scanning tunnelling, near-field optical and Raman microscopes. High-performance computing resources are available via clusters and dedicated supercomputers.

In the 2014–2021 Research Excellence Framework (REF), over 80% of our Physics’ research outputs were judged to be world-leading or internationally excellent. Research is equally split between experimental and theoretical physics, and is funded via the UK Research Councils (STFC and EPSRC), the Royal Society, the Leverhulme Trust and the European Union.

We have recently created new postgraduate research office and collaborative space within the department. This bespoke

space increases contact between postgraduate research students, postdoctoral researchers and academic staff.

In experimental physics, we lead the ALPHA collaboration, based at CERN, whose goal is to create, trap and manipulate anti-hydrogen. Results of the ALPHA collaboration are regularly published in Nature and featured on the BBC, CNN and other media.

The new Sêr SAM programme funded by the Welsh Government and European Regional Development Fund focuses on the physics of advanced materials with low embodied energy for applications in optoelectronics and bioelectronics. Particular areas of interest and expertise are next generation semiconductors, hybrid conducting electronic-ionic materials, photodetection and solar energy.

RESEARCH PROGRAMMES

Entry Requirements

Normally a 2:1 Honours degree or a Master’s degree with merit in physics or related subject.

English Language Requirement

IELTS 6.5 (minimum of 6.0 in each component) or Swansea University recognised equivalent.

Applied Physics and Materials MSc
by Research MPhil/PhD **FT** **PT**

Experimental Physics MSc
by Research MPhil/PhD **FT** **PT**

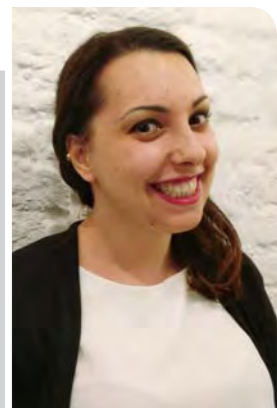
Theoretical Physics MSc
by Research MPhil/PhD **FT** **PT**

We invite applications from well-qualified candidates whose research interest focuses around the fields of, Atomic, Molecular and Quantum Physics (AMQP), Applied Physics and Materials (APM) and Particle Physics and Cosmology Theory (PPCT).

The Atomic, Molecular and Quantum Physics (AMQP) Group is supported by grants from EPSRC, the EU, The Royal Society, the Higher Education Funding Council for Wales and various industrial and government sources.

The main areas of research are:

- Analytical laser spectroscopy
- Antihydrogen, positronium and positrons
- Cold atom physics
- Nano-scale physics and the life sciences
- Quantum control
- Ultrafast dynamics, imaging and microscopy
- Optomechanics
- Quantum computation and simulation



Valeria Italia
PhD Physics – Joint Degree with Université Grenoble Alpes
Applied Physics and Materials Research Group

“ Working in a dynamic, stimulating and multicultural environment, such the one provided by the Physics Department at Swansea University, gives the opportunity to develop new skills and leadership abilities. ”



Guy Robert Jehu
PhD Physics
Particle Physics and Cosmology Theory Research Group

“ The Department is full of good people, who create an intellectually stimulating atmosphere, and helped me secure a postdoctoral position to continue my research. ”

The Applied Physics and Materials (APM) Group

is supported by grants from the European Union, Welsh Government, National Science Foundation, Australian Research Council, Welsh European Funding Office, and EPSRC.

The areas of research include:

- Biophotonics: nano- and micro-structured materials, biomimetics, analyte sensing and light-tissue interaction
- Nanomedicine
- Sustainable advanced materials: next generation semiconductors, bioelectronic materials and devices, optoelectronics including photodetection, solar energy conversion, advanced electro-optics and transport physics of disordered solids

The Particle Physics and Cosmology Theory (PPCT) Group is one of the five largest particle physics groups in the UK. It is supported mainly by STFC, but also has grants from EPSRC, the EU, the Royal Society and the Leverhulme Trust.

The areas of research include:

- Amplitudes in gauge and supergravity theories
- Dense quark matter and the sign problem
- Dense quark matter at strong coupling and gauge/string duality
- Higher spin holography
- High-performance computing
- Holography and physics beyond the Standard Model
- Integrability and AdS/CFT
- Large-N gauge theories, supersymmetry and duality
- Lattice QCD at nonzero temperature
- Lattice studies of strongly interacting planar and layered systems
- Non-abelian T-duality and supergravity solutions
- Quantum fields in curved spacetime
- Theoretical cosmology



SCHOLARSHIPS AND BURSARIES

We offer a range of funding opportunities for both taught and research degrees. Recently we have attracted funding from organisations such as the Engineering and Physical Sciences Research Council (EPSRC), the Science and Technology Facilities Council (STFC) and the Royal Society for postgraduate studentships:

swansea.ac.uk/science/postgraduatescholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/physics



POLITICS, INTERNATIONAL RELATIONS AND DEVELOPMENT STUDIES

SINGLETON PARK CAMPUS

Politics, Public Policy, International Relations and Development Studies are disciplines that have explored different visions for a more just society for thousands of years, and as a result are able to address some of today's most pressing challenges.

Whether students have a strong interest in theory, the study of government and politics or international relationships these are disciplines that can sustain the highest standards of social science. The Department of Political and Cultural Studies, where the degree schemes discussed in this document are situated, has a strong

emphasis on producing original research. In the 2014–2021 Research Excellence Framework 70% of staff research activity was judged world-leading (4*) or internationally excellent (3*).

Research in Political and Cultural Studies at Swansea was rated 21st in the UK. The impact of Swansea's research in Political and Cultural Studies was ranked 20th in the UK for research impact.

Politics, International Relations, Public Policy and Development Studies at Swansea asks the key research questions that we need to address to lead in the development of international scholarship.

TAUGHT COURSES

Entry Requirements

Normally a 2:2 Honours degree (with an overall average of 55% or above) in a related subject or an equivalent qualification.

English Language Requirement

ELTS 6.5 (with a minimum of 5.5 in each component) or Swansea University recognised equivalent.

Development and Human Rights

MA **FT** **PT**

This MA is a multidisciplinary scheme combining insights from the fields of development studies, politics/political theory and international law. The programme examines the comparatively new interface between human rights and international development.

Modules typically include:

- Rights based approaches to development
- Human rights and humanitarian intervention
- International human rights law
- Approaches to International Relations
- Critical security
- International security in the Asia-Pacific
- State of Africa
- Violence, conflict and development
- War, identity and society
- Postcolonialism, Orientalism and Eurocentrism
- Cyber Governance

Development and Human Rights

MA (extended) **FT** **PT**

This MA is a multidisciplinary scheme combining insights from the fields of development studies, politics/political theory and international law. The programme examines the comparatively new interface between human rights and international development.

Modules typically include:

- Rights based approaches to development
- Human rights and humanitarian intervention
- International human rights law
- Approaches to International Relations
- Critical security
- International security in the Asia-Pacific
- State of Africa
- Violence, conflict and development
- War, identity and society
- Postcolonialism, Orientalism and Eurocentrism
- Cyber Governance

International Relations MA **FT** **PT**

This MA offers advanced research in International Relations, providing students with a detailed understanding of the international system, key issues, the crucial actors, and alternative ways of analysing and interpreting the subject. With an appreciation of the global dynamics at work, you then have the opportunity to specialise in examining specific areas of the world.

Modules typically include:

- Approaches to International Relations
- Critical security
- Postcolonialism, Orientalism and Eurocentrism
- Cyber Governance
- International security in the Asia-Pacific
- Human rights and humanitarian intervention
- State of Africa
- Violence, conflict and development
- War in space
- Gender, Society and Politics in the Middle East and North Africa
- Foundations in International Political Economy

International Relations MA (extended)

FT **PT**

This Extended MA programme combines the MA International Relations with a period of study abroad. The study abroad is one additional semester taken at the Bush School of Government and Public Service at Texas A&M, USA. The additional semester makes the EMA equivalent in credits to a European MA.

International Security and Development MA **FT** **PT**

Issues of security, violence and conflict have become central to international politics and to developing policy and discourse. In order to comprehend the modern world, a full appreciation of the realities of conflict and violence, both theoretical and practice based, has become essential.

Modules typically include:

- Violence, conflict and development
- Critical security
- Approaches to IR
- Human rights and humanitarian intervention
- Civil society and international development
- Gender, Society and Politics in the Middle East and North Africa
- Postcolonialism, Orientalism and Eurocentrism
- International security in the Asia-Pacific
- Rights-based approaches to development
- State of Africa
- War, identity and society
- War in space

International Security and Development

MA (extended) **FT** **PT**

This Extended MA programme combines the MA International Security and Development with a period of study abroad. The study abroad is one additional semester taken in the Department of International and Area Studies at The University of Oklahoma, USA. The additional semester makes the EMA equivalent in credits to a European MA.

Politics MA **FT** **PT**

The MA in Politics provides a broad introduction to the study of politics, covering the structures and processes of contemporary politics. It then allows students to select options that focus on global, comparative and/or British politics as well as political theory and philosophy. The degree is enriched by possible opportunities (awarded on a competitive basis) for work-based placement learning in a variety of governmental and non-governmental sectors within Wales.

Modules typically include:

- Comparative governance in complex systems
- Democracy and constitutional design
- Devolution in comparative perspective
- Cyber governance
- Politics in contemporary Britain
- Gender, Society and Politics in the Middle East and North Africa
- Foundations of international political economy
- Critical security
- Human rights and humanitarian intervention
- The policymaking process
- Violence, conflict and development

Public Policy MA **FT** **PT**

The MA provides a solid grounding in the key theoretical approaches to the study of public policy, and seeks to develop the knowledge and skills of those wishing to engage in further academic study. At the same time it focuses on the necessary skills involved in working in a public policy landscape now increasingly characterised by change and interdependence.

Consequently, it will also develop the knowledge and skills of those wishing to, or already, pursuing a career in public policy research, policy advice, lobbying, public sector management or journalism.

Modules typically include:

- The policymaking process
- Comparative governance in complex systems
- Democracy and constitutional design
- Devolution in comparative perspective
- Cyber governance
- Drug policy and human rights
- Gender and the social sciences
- Critical security
- Human rights and humanitarian intervention
- Politics in contemporary Britain
- Violence, conflict and development
- War, identity and society

Public Policy MA (extended) **FT** **PT**

This extended MA programme combines the MA Public Policy with a period of study abroad. This study abroad is one additional semester taken at the Bush School of Government and Public Service at Texas A&M, USA. The additional semester makes the EMA equivalent in credits to a European MA.



POLITICS, INTERNATIONAL RELATIONS AND DEVELOPMENT STUDIES

SINGLETON PARK CAMPUS

RESEARCH PROGRAMMES

Entry Requirements

Normally a Master's degree or a minimum 2:1 Honours undergraduate degree, which has included research training appropriate for the proposed thesis project.

Applicants are encouraged to contact the Departments informally to discuss their proposals and can contact the Director of Research, Dr Matthew Wall (m.t.wall@swansea.ac.uk) to develop research proposals and identify potential supervisory teams.

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

Development Studies MPhil/PhD **FT** **PT**

International Development MA by Research **FT** **PT**

International Relations MA
by Research MPhil/PhD **FT** **PT**

Politics MA by Research MPhil/PhD **FT** **PT**

War and Society MA by Research **FT** **PT**

Current research includes cutting edge projects on issues such as Brexit, digital politics, political campaigns and voting behaviour, the international political system, new technologies and warfare, gender-based violence policy, development infrastructure, international drugs policy and development regimes, the politics of public health threats and the rise of terrorism and targeted killings. We welcome new proposals for postgraduate research projects that complement staff research interests.

Staff research interests cover three broad areas:

- **Political and cultural theory:** This focuses on political theory and philosophy related to developments in globalisation, democracy, liberal culture, sovereignty, civil society, religion and new media technologies.
Specialisms include: liberalism and its critics, human rights, continental political thought, poststructuralism; and theories of gender and masculinity.

- **Political Analysis and Governance:** This focuses on empirical studies of government, politics and public policy with a strong interest in theory and methods.

Specialisms include: comparative politics, regional politics, policy studies, development politics, civic participation in Europe, the EU, Eastern Europe and political economy, American politics, UK politics, devolution and local government, quantitative methods, populism, elections.

- **International politics and inter-cultural communication:** This focuses on the study of various dimensions of conflict, power and empire.
Specialisms include: Just War theory, security studies and terrorism, space policy, politics under Empire and in post-colonial states, terrorism, post-conflict reconstruction, international drugs policy, conflict education, and civil wars and genocides. Area specialisms include; South-East Asia; the Middle East and Africa.

The Research Environment

The research side of the Department of Political and Cultural Studies centres around four key research groups – each grouping staff and their research students according to overlapping areas of specialism. Postgraduate research students will be able to engage in a wide range of training and dissemination events through these groups, as well as participating in their governance. For details of each of these groups, please see the below links:

Research Centres

- Centre on Digital Arts and Humanities (CODAH) codah.swansea.ac.uk
- International Studies, Conflict and Security (ISCAS) swansea.ac.uk/politics/researchinpoliticsandinternationalstudies/internationalstudiesconflictandsecurity
- Political Analysis and Governance (PAG) swansea.ac.uk/politics/researchinpoliticsandinternationalstudies/politicalanalysisandgovernance

The Global Drug Policy Observatory, externally funded by the Open Society Foundations
swansea.ac.uk/gdpo



Pre-master's pathway available for Development and Human Rights MA (international students only), [see page 44](#)



SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available. Funding may also be available from the Arts and Humanities Research Council.
swansea.ac.uk/postgraduate/scholarships

**UK TOP
20**

RESEARCH IMPACT
(Research Excellence Framework 2014–2021)

All research students in Politics, International Relations and Development Studies belong to the Graduate Centre in the College of Arts and Humanities. The Centre provides pastoral as well as administrative support and is also responsible for research skills training and support, and facilitating a lively intellectual environment for the College's postgraduate research community of 200 students.

swansea.ac.uk/riah/graduate-centre

All research students in Politics, International Relations, Gender and Development Studies also have access to the training resources of the Wales Economic and Social Research Council Doctoral Training Centre. Each year there is a programme of conferences and seminars organised in conjunction with Cardiff and Aberystwyth Universities.

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/artsandhumanities

GREAT MINDS

Dr Krijn Peters

“ I strongly believe that university education should be based as much as possible on real-life research. ”

Krijn Peters is a rural development sociologist who has specialised in armed conflict and post-war reconstruction in non-Western countries. Educated at Wageningen University in the Netherlands, he learned to appreciate the importance of rigorous fieldwork.

As an undergraduate he spent 6 months in war-torn Sierra Leone to interview recently demobilised child soldiers and then went to Cambodia to study the reintegration process of Khmer Rouge fighters. Following his graduation he worked a year for Save the Children evaluating their demobilisation and reintegration programmes for ex-child soldiers in Liberia. For his PhD he returned to Sierra Leone to study the infamous RUF rebel movement, resulting in the monograph 'War and the Crisis of Youth in Sierra Leone' (2012, Cambridge University Press).

His current research – funded by ESRC/DFID – looks into the role of rural road construction and its impact on poverty alleviation in post-war rural Liberia. Many of the

ex-combatants Krijn interviewed have become part of West Africa's booming motorbike taxi sector, but aid donors and governments remain reluctant – without hard data – to invest in what has become the most common means of rural (and urban) motorised transport. Krijn strongly believes that university education should be based as much as possible on real-life research.

The above mentioned study and a number of other research projects on youth and technology in which Krijn is involved, form the bedrock of a new and exciting MSc degree delivered by the department of Political and Cultural Studies and the College of Engineering at Swansea University, in collaboration with the Prince's Foundation, entitled 'Sustainable Engineering for International Development'.



Through continuous investment in research infrastructure and facilities, expanding staffing levels and excellent links with hospitals, charities and universities worldwide, the Psychology Department at the College of Human and Health Sciences offers an exceptional student experience while being well positioned to further strengthen its research excellence.

Encompassed within a thriving research environment that enthuses academic staff, research officers and students alike, The Psychology Department has achieved international acclaim for the significance and quality of its research in areas such as psychopharmacology, nutrition, human performance, sleep and cognitive and clinical neuroscience. In the Research Excellence Framework (REF) 2014–2021, we achieved a 100% 4* impact rating for the reach and significance of our work. With our research demonstrating outstanding quality in originality, significance and rigour, students can be assured our taught courses are informed by the latest findings while research students will find themselves immersed in the dynamic and supportive research culture needed for their studies.

Our recent research collaborations include: BRACE; BIAL Foundation; The British Academy; Autism Speaks; Ministry of Defence; British Heart Foundation; the NHS; the National Institute for Social Care and Health Research; Baily Thomas; WORD; ESRC; Leverhulme, and many charities and private companies who have funded applied work in educational and clinical contexts. These collaborations have been crucial in ensuring research informs, and is informed by, the wider healthcare environment.

The Department of Psychology has state-of-the-art research facilities including a high density EEG suite, a fully-fitted sleep laboratory, a social observation suite, eye-tracking, psychophysiological, tDCS and conditioning labs, a lifespan lab and baby room, and over 20 all-purpose research rooms. In addition, with strong links with the Institute of Life Science Imaging Centre, our researchers and students have access to state-of-the-art fMRI facilities.

TAUGHT COURSES

Entry Requirements

Normally a 2:1 or a 2:2 Honours degree, or equivalent, in Psychology or a related discipline.

English Language Requirement

For all full-time Psychology taught programmes: IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Abnormal and Clinical Psychology MSc

FT PT

This Master's programme is designed to equip students with an advanced understanding of issues relating to the theory and practice of psychology in healthcare settings, with the majority of teaching undertaken by psychologists with direct experience of clinical practice and populations.

The programme is suitable for graduates who are thinking of applying for an Assistant Psychology post. It does not directly equip students to become practicing clinical psychologists, but the knowledge and

experience gained will enhance suitability for professional clinical training.

Modules typically include:

- Eating disorders
- Psychosis
- Psychopathy and sexual offending
- Neuropsychology
- Statistical and research methods
- Affective disorders and trauma
- Coping with chronic disease
- Psychotherapy

Entry requirements

Applicants normally require a minimum of a 2:1 degree in Psychology or a related discipline, or its equivalent. Applicants unsure as to the suitability of their qualifications should contact the admissions tutor.

Cognitive Neuroscience MSc

FT PT

Cognitive Neuroscience is one of the most significant areas of contemporary science and it is beginning to transform our understanding of both normal and damaged brain function.

This course has been developed to train students in cognitive neuroscience research, introducing the principles of neuroimaging and gaining hands-on experience in structural and functional magnetic resonance imaging (sMRI and fMRI), electroencephalography (EEG), and transcranial direct current stimulation (tDCS). Students will learn how to design, analyse, and evaluate neuroimaging experiments, which are contributing to our understanding of the brain mechanisms underpinning cognition and behaviour.

The Master's will provide a bridge between undergraduate study and PhD research in cognitive neuroscience, experimental psychology, and imaging methods.

Modules typically include:

- Statistical methods,
- Critical issues in cognitive neuroscience
- Structure and function of the brain
- Experimental design – brain stimulation, brain recording and brain neuroimaging
- Neuropsychology
- EEG analysis
- fMRI analysis
- Cognitive Electrophysiology



Entry requirements

Please see www.swansea.ac.uk/postgraduate/taught/humanandhealthsciences/cognitive-neuroscience/ for entry requirements.

Applicants who wish to be considered for non-graduate entry must have a non-graduate qualification followed by significant work, or other experience, which has been assessed as appropriate for admission.

Research Methods in Psychology MSc

FT PT

Research Methods in Psychology provides an opportunity to research and learn about a wide range of topics in psychology; from

basic learning and cognition, to neuropsychology, and to applied topics in clinical and educational psychology, driven by the individual student's interests and supervised by experts.

Students will receive high-level training in advanced research methods and skills, and offers exciting opportunities to conduct basic and applied research projects in a wide range of areas. Students have gone on to obtain funded PhD studentships, places on both Clinical and Educational Psychology training courses, Research Assistant positions and research posts in the public and private sectors.

Modules typically include:

- Computing skills
- Empirical project
- Philosophy of psychology
- Qualitative methods
- Statistical methods

Entry requirements

Applicants normally require a minimum of a 2:2 degree in Psychology or a related discipline. For those without this qualification, substantial evidence of research in their current role is needed. Evidence of a commitment to a subsequent career in a research setting is desirable.

RESEARCH PROGRAMMES

Entry Requirements

MPhil/PhD: Normally an Honours degree (2:1 or above) in a discipline related to the chosen speciality, and/or a relevant approved postgraduate qualification (e.g., a Master's degree).

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

Psychology MPhil/PhD

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise in Cognitive Neuroscience and Clinical and Health Psychology. These areas support three specific research groups: Clinical and Health Behaviour, Cognition and Perception, and Brain and Behaviour.

Clinical and Health Behaviour

Research across this group looks to apply the principles of health, clinical and behavioural psychology to both the physical and mental health of the population.

Understanding how behaviours develop and influence the decision making of individuals, alongside the cognition-health interface and studies into clinical or behavioural change interventions, are crucial in protecting the long-term health and well-being of the population.

Examples of student research include the role of social marketing in the prevention of child obesity, dieting and personality in athletes, mindfulness attentional control in healthy eating, sexual attraction towards young women, trauma following acute illness such as heart attack, and the impact of mild cognitive impairment and acquired brain injury on the individual and those around them.

Cognition and Perception

Our work in this field spans research into areas such as the perception, identification and processing of static and dynamic visual objects and events, or the inhibitory processes involved in memory and forgetting in both the theoretical and applied setting. Work is also underway on the cognitive and neural basis for word recognition and production, including the study of language development in mono-lingual and bilingual speakers.

Current topics under investigation include word recognition and production, context effects in perception, and the representation of colour and shape in memory.

Brain and Behaviour

Our research in Brain and Behaviour explores the integration of neuroscience and behaviour. One such area is brain chemistry and the effect of eating, nutrition, and recreational drug use on cognition, mood and behaviour. The interface of neuropsychology and brain injury is also proving to be of interest highlighting the consequences of dyslexia, other reading disorders, and closed head injuries. Group members also investigate the mechanisms that allow behaviour and thoughts to adapt to the environment, and explore the role of learning and memory processes in generating such flexible and adaptive behaviours. Although adaptiveness and flexibility promote psychological well-being, there can also be unfortunate negative effects of these behaviours.

Postgraduate research being taken forward in this group includes substance abuse factors affecting attention, glucose metabolism and its effect on cognition and mood, the role multimodal brain imaging has to play in cognitive and emotional control of behaviour, the generalisation of fear and avoidance, learning, memory and reading in individuals with autism spectrum disorders, and discriminating processes in individuals with dyslexia.



SCHOLARSHIPS AND BURSARIES

We offer a range of funding opportunities for both taught and research degrees. Recently we have attracted funding from organisations such as ESRC, CyDen, the Responsible Gambling Trust, the British Heart Foundation and the National Offender Management Service.

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/humanandhealthsciences

GREAT MINDS

Professor Andrea Tales

Personal Chair, Psychology, expert in dementia.



“ Knowledge of the deficits people with dementia face helps us to design more friendly and appropriate environments and signs for individuals living with the condition. ”

Professor Tales leads the Psychology Department-based Dementia Research Group at Swansea University and works closely with CADR (Centre for Ageing and Dementia Research).

She runs a collaborative research programme examining visual attention-related function in ageing, Alzheimer's disease, vascular dementia, mild cognitive impairment and subjective cognitive decline, a large proportion of which has been funded by the 'BRACE-Alzheimer's Research' Charity.

Her main areas of research revolve around the idea that dementia, particularly Alzheimer's disease, is not just defined by changes in memory. Her research, using multidisciplinary techniques including Neuroimaging, EEG, computer-based behavioural tests and qualitative focus groups, indicates that many aspects of brain function not

routinely measured in clinical practice can be abnormal in Alzheimer's disease. She said: "Such deficits help us to understand why an individual living with dementia may have trouble interpreting and interacting with their environment and indeed socially. Knowledge of the deficits people with dementia face helps us to design more friendly and appropriate environments and signs for individuals living with the condition."

Andrea is also involved in lecturing on ageing and dementia and plays an active role in the Department of Psychology's postgraduate environment. She is passionate about raising awareness about dementia and cognitive impairment and about improving the inclusivity of research participation in this area.



SOCIAL WORK AND SOCIAL POLICY

SINGLETON PARK CAMPUS

Drawing on cutting edge research, the College of Human and Health Sciences is bringing about real-life benefits for the social care, voluntary and private sectors, ultimately leading to improvements for service users, practitioners, managers and policymakers across a range of areas, including: mental health, inclusion, welfare, older people, children and families, service organisation and workforce practices.

The Research Excellence Framework 2014–2021 revealed that social work was ranked 14th in the UK and 1st in Wales for the quality of our research. With our research into the social science disciplines demonstrating such outstanding quality in originality, significance and rigour, students can be assured our taught courses are informed by

the latest findings while research students will find themselves immersed in the dynamic and supportive research culture needed for their studies.

Our Social Work PhD programme forms part of the Economic and Social Research Council (ESRC) Doctoral Training Centre for Wales, a pan-Wales collaboration to train top-level social scientists while our recent research collaborations include: Age Cymru; ESRC; Older People's Commissioner; National Institute for Social Care and Health Research; Arts and Humanities Research Council (AHRC); Leverhulme Trust and the Welsh Government. These collaborations have been crucial in ensuring research informs, and is informed by the wider health and social care environment.

TAUGHT COURSES

Entry Requirements

Please see individual course details.

English Language Requirement

For all full-time Social Work and Social Policy taught programmes: IELTS 6.5 (with a minimum of 6.0 in each component) or Swansea University recognised equivalent.

Social Research Methods MSc

This Master's programme provides advanced training in a range of research methods used in the social sciences and has ESRC research training recognition. The programme will enable students to develop practical research skills and advanced methodological expertise (both qualitative and quantitative), instil familiarity with research ethics and governance and gain knowledge about theoretical research concerns across the full spectrum of social science disciplines.

Modules typically include:

- Data collection methods
- Case studies
- Qualitative research methods
- Quantitative research methods
- Research and study skills
- Ethics and philosophy of social research

Entry requirements

Normally an initial degree (usually a 2:1 or above) in a social science subject. Enquiries from applicants with an initial degree in a cognate subject or with other relevant qualifications are also welcome. Applicants who do not possess these qualifications may be considered if they have at least two years' relevant work experience at a responsible level and can demonstrate the ability to study within the requirements of the programme.

Social Work MSc

The Master's in Social Work is a two-year, full-time programme that will prepare students for employment as professionally qualified social workers. It lays the foundation for their continuing professional development and reflects the key themes of contemporary social work in Wales.

The programme meets all Social Care Wales requirements and is fully approved as a professional social work programme as defined in The Approval and Visiting of Degree Courses in Social Work (Wales) Rules 2012. It operates in partnership with the five local authorities in the South West Wales region: Neath Port Talbot, Swansea, Pembrokeshire, Carmarthenshire, and Ceredigion. As a professional programme, 50% of the course is undertaken through full-time, assessed practice learning, totalling 200 days over the two years.

Service users and carers are actively involved in the delivery and management of the programme and a wide range of guest speakers from social work teams and agencies and Welsh Government contribute to its content.

Modules typically include:

- Critical practice in adult care and law
- Critical practice in child care and law
- Dissertation in social work research and evidence for practice
- Ethics and values in social work
- Social work skills and knowledge in practice
- Social work skills and knowledge and service users' perspectives
- Theories and perspectives for informing social work
- Undertaking and using social work research for practice

Social Work students can undertake some elements of the programme in Welsh.

Entry requirements

Normally an initial degree (usually a 2:2 or above) in a social science subject and GCSE Maths and English or Welsh grade A*-C or a Swansea University approved equivalent. Enquiries from applicants with an initial degree in a cognate subject or with other relevant qualifications are also welcome.

At the point of application, all applicants are required to have relevant employment/ experience and as a minimum, we require 210

hours of social care work experience within the last five years. This may involve voluntary or paid work in social care with individuals, groups or communities. We will require a social care reference(s) and an academic reference.

All applicants will be required to demonstrate awareness and understanding of the Code of Professional Practice for Social Care; applicants must register with Social Care Wales as a student Social Worker once accepted on to the programme.

There are a limited number of Social Care Wales bursaries available and the Social Work programme will nominate applicants to Social Care Wales each year. Further information on the bursaries can be found at: socialcare.wales/careers/student-funding



RESEARCH PROGRAMMES

Entry Requirements

MPhil/PhD: Normally an Honours degree (2:1 or above) in a discipline related to the chosen speciality, and/or a relevant, approved postgraduate qualification (eg. a Master's degree).

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.

Mental Health MPhil/PhD

Social Policy MPhil/PhD

Social Work and Social Care

MPhil/PhD  

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise. These are around the following research groupings:

Mental Health

Taking forward pioneering research across this discipline including the evaluation of mental health services, and the development and application of social outcome measures. Currently students are looking at evidence based practices in mental health (in particular early intervention services), care co-ordination in forensic mental health care and the influence of service user participation in professional role development.

Social Policy

Studying contemporary social issues and policies in today's society from both national and international perspectives. Within this field current student research projects include bereavement and social policy in later life, and the use of housing adaptations to facilitate policy.

Social Work and Social Care

Generating new knowledge about the changes affecting the social care workforce and service provision, including social outcomes, such as quality of life, social inclusion and social capital measures.

Our students are investigating topics such as the services for young carers, multi-agency working within the area of substance misuse and the social exclusion experienced by older people in care homes.



SCHOLARSHIPS AND BURSARIES

We offer a range of funding opportunities for both taught and research degrees. Recently we have attracted funding for postgraduate study from organisations such as the ESRC, Care and Repair, HMT Sancta Maria and City and County of Swansea. swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358
swansea.ac.uk/humanandhealthsciences

With our flourishing research environment focused on elite and professional sport, exercise health and medicine and ethics, integrity and governance Swansea University provides an excellent base for you as a student at the School of Sport and Exercise Sciences.

Our research takes place within the world-leading Applied Sports, Technology, Exercise and Medicine (A-STEM) Research Centre and spans the areas of: science, technology, ethics, integrity, health and medicine applied to sport, exercise and health settings with children, older people, clinical groups and elite international sports people.

The Research Excellence Framework (REF) 2014 ranks Sports and Exercise Science at Swansea as 5th in the UK for its Research Impact and 15th in the UK for the overall quality of its research. 72% of research produced by our academic staff is of World-Leading (4*) or Internationally Excellent (3*) quality.

Recently the Engineering Behaviour Analytics in Sports and Exercise (E-BASE) research group was set up to investigate the use of advanced sensor and processing technology to quantify training and activity in sport and clinical populations respectively. We have international research links and projects with universities in Southern and Eastern

Europe, Scandinavia, Australia, New Zealand, Canada, USA, Italy and Austria.

In addition to teaching and research, academic staff are actively engaged with applied practice and consultancy in sport and exercise settings. Our well-established links include organisations and commercial partners such as Diabetes UK, the Sugar Bureau, Haemair, Haemaflow Ltd, Play Wales, Abertawe Bro Morgannwg and Hywel Dda NHS Trusts, the Welsh Rugby Union, the Premier League and Active Swansea.

We also work with elite sports teams including UK Sport, Swansea City FC, Scarlets Rugby, Biarritz Rugby, Ospreys RFC, the Welsh Rugby Union, WRU 7's, GB swimming, and GB bobsleigh. Our staff regularly consult in exercise settings with populations with chronic disease, including diabetes, cardiac rehabilitation and renal care. The continued experience and knowledge gained by staff who work with external clients and industry are used within our teaching to illustrate the transfer of knowledge from theory to practice, bringing sport and exercise science to life.

TAUGHT COURSE

Entry Requirements

Normally a first-class or 2:1 Honours degree.

English Language Requirement

IELTS 6.5 (minimum of 6.0 in each component) or Swansea University recognised equivalent.

Sports Ethics and Integrity Erasmus Mundus MA

Responding to the global crisis in sports integrity, this course is a world-first innovation for sports administration and governance. The MAiSI will equip students for high level careers in sports administration and governance, with a focus on ethical sports, integrity and compliance. Students will receive training that enables them to identify ethical issues, engage in moral thinking, and translate decisions into moral actions – the three core skills required to develop sports integrity.

Modules typically include:

- Ability, Disability and Sports Integrity
- Advanced English for Sports Ethics and Integrity
- Anti-doping Ethics, Policy and Practice
- Ethical Theory, Sports Ethics and Integrity
- Governance, Law and Sport Integrity
- Olympism and the Olympic Movement
- Research Methods and Skills
- Sport Values, Fair Play and Integrity
- Sports Management and Integrity

RESEARCH PROGRAMMES

Entry Requirements

Normally a 2:1 Honours degree or above in Sports Science or a relevant subject or an equivalent qualification.

English Language Requirement

IELTS 6.5 (minimum of 6.5 in each component) or Swansea University recognised equivalent.

Sports Science MSc by Research/ MPhil/PhD

We invite applications from well qualified candidates whose research interests correspond to our areas of research expertise.

Recent MSc by Research theses include:

- Caffeine chewing gum and repeated sprint performance: Sleep vs Non-sleep deprivation
- The effectiveness of morning exercise on afternoon performance with elite football players
- Mixed methods analysis of the physical activity patterns and behaviours of bariatric surgery patients
- Examining the experience of parenting an elite youth gymnasts
- Understanding the musculoskeletal demands of rugby kicking: implications for injury risk
- Investigation into skeletal changes in a population of medieval remains found on the warship Mary Rose

- Investigating the relationships between wellness, fatigue and training load in a professional rugby union team's entire season
- Variation in lower limb neuromuscular variables in sub-elite under-16 rugby union players

Recent PhD theses include:

- The use of ischemic preconditioning (RIPC) as a strategy for preconditioning, training and recovery within elite sport performance
- Development and evaluation of a support programme for parents of elite young athletes

- Novel methods of conceptualising and measuring physical activity in children using 3D printing
- Glycaemic, metabolic and hormonal responses to resistance exercise in type 1 diabetes
- Evaluating the effects of a lifestyle intervention programme in the Carmarthenshire region
- Influence of regular antenatal physical exercise on cardiovascular, haemodynamic and autonomic nervous system (CHANS) function during and after pregnancy



SCHOLARSHIPS AND BURSARIES

We offer a range of funding opportunities for both taught and research degrees.

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/sports-science





WAR AND SOCIETY

SINGLETON PARK CAMPUS

War has been the powerful catalyst for change throughout human history, from the conflicts of the ancient world to those of the twenty first century. It inflicts terrible suffering and degradation, yet also evokes and inspires great bravery and heroism.

The War and Society programme asks critical questions about conflict, society, war, culture and politics. Is war a cultural or a political activity? Can the logic of peace lead to the logic of war?

To what extent is technology the deterministic factor in winning a modern military conflict? Is the war on Jihad a “just war”? And how do regular people experience military conflict?

Among our research interests are: militarisation of society and culture, space and war, World War I and II, the Spanish Civil War, and post-war reconstruction.

TAUGHT COURSES

Entry Requirements

Normally a 2:2 Honours degree or equivalent (with an overall average of 55% or above) in a related subject.

English Language Requirement

IELTS 6.5 (with a minimum of 5.5 in each component) or Swansea University recognised equivalent.

War and Society MA **FT** **PT**

The MA in War and Society is an advanced, interdisciplinary degree that stands at the intersection of history, memory studies, political science, and strategy studies. Located in the Department of Political and Cultural Studies, War and Society draws on the strength of History, American Studies, Classics, Ancient History and Egyptology, Politics and International Relations, as well as Literature and Media and Communication.

Modules typically include:

- Collective memories of war in twentieth-century Europe
- Critical security
- Digital War
- Fascism and culture
- Ghosts of the confederacy: The politics of memory in the post-Civil War American South
- Human rights and humanitarian intervention
- International security in the Asia-Pacific
- Introduction to advanced medieval studies
- New media technologies, society and politics

- State of Africa
- Violence, conflict and development
- War in space

RESEARCH PROGRAMMES

Entry Requirements

Normally a 2:1 Honours degree, or higher degree, or an equivalent qualification.

English Language Requirement

IELTS 6.5 (with a minimum of 6.5 in each component) or Swansea University recognised equivalent.



UK RESEARCH
IMPACT

(Research Excellence Framework 2014)

All War and Society research students belong to the Graduate Centre in the College of Arts and Humanities. The Centre provides pastoral as well as administrative support and is also responsible for research skills training and support, and facilitating a lively intellectual environment for the College's postgraduate research community of 200 students.

swansea.ac.uk/riah/graduate-centre

War and Society MA by Research/MPhil/PhD **FT** **PT**

We welcome applications from students wishing to pursue graduate level research. Prospective students are encouraged to contact the Political and Cultural Studies postgraduate research director, Dr Matthew Wall (m.t.wall@swansea.ac.uk) to explore possible supervision teams and topics. The War and Society programme is closely connected to the research strengths of the academic staff who are actively involved in the International Studies, Conflict and Security (ISCAS) research group. Its members produce world-class research in the areas of conflict and security, empire and post colonialism, conflict and development, 'digital' war, and war and culture. ISCAS also seeks to promote collaboration between scholars, policymakers and cultural providers.

The Research Institute for Arts and Humanities (RIAH), which supports ISCAS among a wide range of research groups, provides a focus for specialist projects, postgraduate research, grant applications, seminar series, and contact with external partners. For further information about RIAH, visit

swansea.ac.uk/artsandhumanities/riah



Pre-master's pathway available for War and Society MA (international students only), see page 44



SCHOLARSHIPS AND BURSARIES

A range of postgraduate scholarships and bursaries are available. Funding may also be available from the Arts and Humanities Research Council.

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: study@swansea.ac.uk

Tel: +44 (0)1792 295358

swansea.ac.uk/war-and-society

Gaining a further degree in Welsh by studying any aspect of the Welsh language, literature, history or modern culture is an exciting and varied experience. It nurtures understanding and creativity as we search for new and original ways to interpret and contribute to the cultural life of Wales and the Welsh language.

The results of the Research Excellence Framework (REF 2014) ranked Welsh at Swansea University as 1st from those departments which submitted their work to the Celtic Studies sub panel, and 2nd for Celtic Studies in the UK. Results indicate that 100% of research in the Welsh department is of world-class standard or above, and 69% of the research presented was deemed to be of international excellence, or leading the field internationally (ie 3-4*).

These excellent results are consistent with those of the previous two research assessments and cement the reputation and standing of Welsh at Swansea.

All our teaching and research work builds upon the expertise of the research staff and we collaborate with other institutions such as the Centre for Advanced Welsh and Celtic Studies. The expertise of our staff includes a variety of aspects on language projects, literature of all periods, literary criticism and creative writing. You will have the opportunity to attend monthly seminars run by the Department. This is a multidisciplinary forum which provides a stage for the research of our staff and students, and we contribute to a number of seminar programmes and conferences at the University.

TAUGHT COURSES

Entry Requirements

Normally a 2:1 Honours degree or above in Welsh or in a related subject. Relevant experience alongside a portfolio of recent work can also be considered.

Linguistic Ability

The applicant's qualifications and experiences should highlight their linguistic ability, but this could be discussed during an interview. Research can be conducted through the medium of Welsh or English.

The programme includes:

- Advanced Translation modules in the fields of education, public health and law, where the focus will be on the standard of your personal translating
- A module on translation technology, where you will learn how to use different programmes
- Several other modules in theory and the use of translation, alongside the opportunity to learn a new language
- An opportunity to gain valuable contacts and work experience with translation companies

RESEARCH PROGRAMMES

Entry Requirements

Normally a 2:1 Honours degree or above in Welsh or in a related subject for the following programme. It is expected that PhD candidates already hold an MA degree, but please contact us to discuss any questions.

Linguistic Ability

The applicant's qualifications and experiences should highlight their linguistic ability, but this could be discussed during an interview. Research can be conducted through the medium of Welsh or English. Students can attend language courses for Welsh learners.

Professional Translation MA

This is an ideal degree for those wishing to work within the translation profession. It stresses the importance of good grammar and writing skills and the use of translation memory software. The course looks at translating for the public along with a more technical way of translating for specialists. A variety of techniques are used to develop the student's standard of translation, including work experience. The combination of translation memory software and developing language standards through feedback is a great asset for graduates.



Welsh MA by Research/MPhil/PhD

We invite applications from well-qualified candidates whose research interests correspond to our areas of research expertise:

- Bilingualism and language planning
- Law and policy
- Creative writing
- Culture and place
- Theatre, film and drama
- Literary theories
- Literature across the centuries
- Sociolinguistics
- Techniques and the technology of translation
- Welsh for adults and language acquisition



SCHOLARSHIPS AND BURSARIES

We offer a range of funding opportunities for both taught and research degrees. Our students have also previously been funded by the Arts and Humanities Research Council, and Welsh institutions and organisations such as the Coleg Cymraeg Cenedlaethol and Pantyfedwen Trust.

swansea.ac.uk/postgraduate/scholarships

FIND OUT MORE

Email: cymraegabertawe@abertawe.ac.uk
Tel: +44 (0)1792 604814
swansea.ac.uk/artsandhumanities

NEW COURSES COMING SOON

We are developing new degree programmes as we continually seek to provide courses that reflect the needs of our students and our graduates' employers. Occasionally, the programmes will change title during the development process, or may not be developed.

At the time of publishing all new courses have been approved and are part of our standard course listings. Recent additions include:

CYBER CRIME AND TERRORISM, MA
MEDICAL EDUCATION, MSc/PG Dip/PG Cert

 Find out more: swansea.ac.uk/postgraduate/taught/coming-soon



FEES AND FINANCE

We commit to a significant investment in postgraduate education. In 2017/18 over £10 million in scholarships and bursaries were available to study postgraduate courses at Swansea University.

Over 250 Master's scholarships were awarded in 2018. Our Swansea University Master's Scholarships (UK/EU students) and International Excellence Scholarships (International students) alone are available to over 200 well-qualified students across all academic Colleges and Schools.

TUITION FEES

Tuition fees are dictated by your year of study, the type of course you are undertaking and your country of domicile. You will be asked to pay your fees, or show evidence of sponsorship, before or during enrolment. You can find tuition fee details for each course on our website

swansea.ac.uk/postgraduate

Tuition fees are subject to annual increases and the new rates are published on our website as soon as they become available.

If you would like more information on the fees payable for your particular programme, please contact the Student Finance Office on:

Tel: **+44 (0)1792 602700**

Email: studentfinance@swansea.ac.uk

FUNDING

There are now more ways than ever to fund your postgraduate studies. As well as the scholarships and bursaries that Swansea University provides, postgraduate funding is available from numerous organisations, including the Student Loans Company, research councils, industry and charities. Many postgraduate students fund their studies through 'portfolio funding' in which they gather funds from a variety of sources. Examples of the types of funding available include:

SWANSEA UNIVERSITY MASTER'S SCHOLARSHIPS

Available to UK/EU students wishing to pursue full- or part-time Master's level programmes. In 2018 each award was worth £3,000 towards fees (pro-rata for part-time).

RESEARCH STUDENTSHIPS

These are available to students wishing to pursue full-time research studies in selected subject areas. These studentships can cover the UK/EU tuition fee level and provide an annual maintenance grant. Some of our research studentships are funded by Research Councils UK (public bodies that fund academic research within the UK). There are seven Research Councils, and each offers studentships to support postgraduate study. The funding is advertised by the University and you apply directly to the University. The Admissions Tutor for your programme should be able to provide further information about this funding if it is available.

IMPORTANT

EU students entering Swansea University in 2019 will pay the same fees as UK students for the duration of their degree. EU students entering Swansea University in 2019 will be eligible to apply for the same University scholarships as UK students.

INTERNATIONAL EXCELLENCE SCHOLARSHIPS

In recognition of the high calibre of many international students choosing to study at Swansea University and to reward academic excellence, we have launched the prestigious International Excellence Scholarships for postgraduate taught courses. These scholarships are open to students from a range of non-EU countries.

INTERNATIONAL ALUMNI POSTGRADUATE BURSARY SCHEME

Students from non-EU countries who have successfully completed an undergraduate or postgraduate taught degree at Swansea University will be considered for a bursary (dependent on subject area) towards postgraduate tuition fees. The scheme is open to eligible candidates applying for a taught or research degree at Swansea University.

COLLEGE/SCHOOL AND DEPARTMENT SCHOLARSHIPS AND BURSARIES

Many of our academic Colleges and Schools also offer additional scholarships and bursaries for taught and research programmes.

Scholarships and bursaries become available throughout the year and we advertise them on our website. You can be the first to know about the funding opportunities we offer by visiting:

swansea.ac.uk/postgraduate/scholarships

POSTGRADUATE LOANS

Postgraduate student loans are now available to all UK and EU domiciled students studying Master's and PhD level courses at a UK university in 2019/20. The method of application and amount you can borrow is dependent on your country of domicile. You can find all the latest information on our website:

swansea.ac.uk/postgraduate/fees-and-funding/pg-loans

PROFESSIONAL AND CAREER DEVELOPMENT LOANS (PCDLs)

PCDLs are offered by a small number of high street banks for students on taught degrees. You may be able to borrow between £300 – £10,000 and the Government pays your interest while you study.

For further information, please visit:

gov.uk/career-development-loans/overview

CHARITIES, FOUNDATIONS AND TRUSTS

A large number of charities, foundations and trusts award funding for postgraduate study. Details can be found in The Grants Register (published by Palgrave Macmillan) and The Directory of Grant Making Trusts (published by the Directory of Social Change), both of which should be available in your university careers service and local library.

EARN WHILE YOU LEARN

There are plenty of part-time jobs to be found in and around Swansea, and our careers team has information on a wide range of opportunities for temporary and part-time work, as well as summer placements and internships. For further information, please visit:

swansea.ac.uk/employmentzone

MONEY ADVICE AND SUPPORT

The Money Advice and Support Office provide guidance on all areas of student funding, including:

- grants, loans, bursaries and welfare benefits
- helping you to manage your money
- supporting care leavers
- hardship funds
- helping you to draw up a realistic budget
- debt advice

Tel: **+44 (0)1792 606699**

Email: money.campuslife@swansea.ac.uk

SUPPORT FOR CARE LEAVERS

We administer and deliver the Care Leavers Support Package, a comprehensive range of measures to help care leavers settle in and focus on their studies. A £1,000 bursary is available to care leavers at postgraduate level, should the relevant criteria be met.

SWANSEA UNIVERSITY HARDSHIP FUND

Where you can provide evidence that you have made adequate provision to cover your tuition fees and living costs but have encountered unforeseen difficulties, you can apply for a grant from the Swansea University Hardship Fund. You can apply to the Fund at any point during the academic year, including the summer vacation. The Fund is discretionary and means tested, and is available to all UK and EU students.

INTERNATIONAL CRISIS FUND

We have also established a small fund to provide emergency assistance for international students who face financial difficulties not anticipated at the start of the course, and not within their control.

 @SwanseaPostgrad

 SwanseaPostgrad

HOW TO APPLY

The quickest and most efficient way to apply for one of our postgraduate programmes is to apply online. This way, you can also track your application at each stage of the process.

Tel: **+44 (0)1792 295358**
Email: study@swansea.ac.uk

When we receive your application, we will:

- make sure that you meet our academic entry requirements and non-academic requirements (if appropriate)
- check that you have the experience and skills necessary to study the subject
- look for evidence of your commitment and motivation, and pay attention to your achievements
- take into account your references
- make sure that any resources and learning opportunities you may require are available

We will acknowledge receipt of your application via email within two working days. If you have a disability, medical condition, or a specific learning difficulty, the University's Disability Officer or Director for Occupational Health may contact you so we can be sure that we are able to give you the support you need throughout your studies.

TAUGHT DEGREE APPLICATIONS

Once we have received all the necessary supporting documentation, we aim to notify you of our decision (or issue an invitation for interview) within 9 working days from the date we acknowledge receipt of your application.

RESEARCH DEGREE APPLICATIONS

We aim to make a decision within 4 weeks, depending on the additional information we require (for example, further details of your research proposal).

INTERVIEWS

The majority of programmes do not require an interview as part of the selection process. If an interview is required, the purpose and format will be communicated to you by the College/School so you know what to expect and what role this plays in the overall selection process. Some programmes (including MA in Creative Writing) require candidates to provide additional written work to supplement an application.

OUTCOME

Following consideration of your application, you will be informed whether:

- you are to be offered a place
- you are to be invited for interview
- we are unable to offer you a place

You will receive either a conditional or unconditional offer from us, or we will inform you that we are unable to offer you a place. We will notify you of our decision by email.

Please note that formal offers are only made by the University's Admissions Office, following recommendations from the relevant academic department.

Your offer letter will contain full details of the terms and conditions of the offer. If you are a candidate for full-time study, you will also receive details of how to apply for University accommodation. If, following receipt of our offer, you do not meet the precise conditions of our offer, your application may be reconsidered in light of available vacancies, and it may still be possible to confirm your place.

If your application is unsuccessful, and you think we've got it wrong, you can ask us to reconsider your application. Contact the Admissions Office for further details.

NON-STANDARD APPLICATION PROCESS

Some programmes have a different application process. Please visit the website to find out the application process for your chosen programme: swansea.ac.uk/postgraduate/apply

RESEARCH PROGRAMME SCHOLARSHIPS

Active Swansea research scholarships can be found from the link below, please note that this web page is updated throughout the year. swansea.ac.uk/postgraduate/scholarships/research/

Details of how to express interest in an advertised scholarship is listed on each advert.

WHAT DO YOU NEED?

To study a postgraduate programme at Swansea you will normally need an appropriate Honours degree or postgraduate qualification. Relevant work experience may also be considered for entry to taught master's and master's by research degree programmes. Please see the programme listings for detailed entry requirements.

NOTES FOR INTERNATIONAL STUDENTS

We welcome applications by prospective students from around the world, and we are happy to advise you on whether your qualifications are suitable for entry to the programme you would like to study.

Our website lists the most common qualifications we accept from each country at: swansea.ac.uk/international/students/your-country

If your qualification is not listed please email us at: study@swansea.ac.uk

ENGLISH LANGUAGE REQUIREMENTS

A full list of acceptable English language tests and qualifications can be found at: swansea.ac.uk/admissions/englishlanguage/requirements/

You may also like to know that the University has its own English Language Training Service (ELTS). swansea.ac.uk/elts

DATES AND DEADLINES

Some of our departments have fixed closing dates for their taught programmes. Please see the individual programme entries for further information. We recommend that you submit your application as early as possible, and preferably before 31 July for taught Master's programmes, in the year you wish to start your studies.

ENROLMENT

Information about the enrolment process will be sent to you in advance of the start of your studies. Enrolment for taught programmes usually takes place in late September. Enrolment for research degrees takes place in late September, January, April and July.

Please note that all students are required to comply with the University's enrolment procedures and observe the University's General and Academic Regulations – please see: swansea.ac.uk/academic-services

OUR ADMISSIONS POLICY

The University welcomes applications and enquiries from people regardless of age, ethnic or national origins, race, religion, gender, sexual preference, marital status, family responsibility, physical or sensory disability, and political or religious beliefs and activities unless those activities are unlawful or contrary to the policies of the University.

The University treats all applicants on their individual merits and welcomes applications from candidates with a range of qualifications and work experience.

OPEN DAYS

Our Postgraduate Open Days will give you a feel for campus life and what you can expect from the Swansea experience.

Our Open Days for 2019 entry are:

7 November 2018
(Singleton Park Campus)

14 November 2018
(Bay Campus)

6 March 2019
(Singleton Park Campus)

13 March 2019
(Bay Campus)

BOOK YOUR PLACE

➤ swansea.ac.uk/postgraduate/open-days



KEEPING IN TOUCH

Swansea University's Alumni Association ensures that you can stay closely connected to the University long after the applause of your graduation ceremony has faded.

All our graduates automatically become life members of the Association, a warm, welcoming community of graduates united by their experiences of studying in Swansea.

The Association is a vibrant network of 80,000 active members who are working at every level in industry, commerce, sport and the public sector. They are heading divisions of multinational companies, but they are just as likely to be managing the smaller, entrepreneurial businesses that drive the economy, or delivering healthcare in hospitals, or teaching in schools.

There is also a growing community of international alumni, meaning that you will find like-minded friends and

colleagues wherever you are in the world. Make the most of this network. You never know what doors may be opened in the UK or overseas as a result of the relationships forged through being alumni of Swansea University.

Through the Alumni Association, you can keep up-to-date with the latest University news, attend reunions, and keep in touch with your friends using our social networks. You may be departing the University, but you'll always remain an important part of our community.

Our alumni include:

- Annabelle Apsion, actress
- Liam Dutton, Channel 4 Weather Presenter
- Richey Edwards and Nicky Wire, musicians, Manic Street Preachers
- Dr Lyn Evans CBE, Project Leader, Large Hadron Collider, CERN
- Hywel Francis MP
- Renee Godfrey, champion surfer, television presenter
- Sylvia Heal MP, Deputy Speaker of the House of Commons (2000-10)
- Andy Hopper CBE FRS, co-founder of Acorn Computers Ltd
- Rob Howley, Wales and British Lions rugby union international
- Liz Johnson, Paralympic gold medal-winning swimmer
- Alun-Wyn Jones, Wales and British Lions rugby union international
- Simon Jones, Worcestershire and England cricketer
- Sir Terry Matthews OBE, Wales' first billionaire
- Jason Mohammad, television presenter
- Penny Roberts, former BBC Chief Reporter

INDEX

A
Accounting and Finance 50
Advanced Computer Science 66
Advanced Practice in Health Care 88
Advanced Software Technology 66
Aerospace Engineering 76
Ageing Studies 86
American Studies 52
Ancient Egyptian Culture 64
Ancient History and Classical Culture 64
Ancient Narrative Literature 64
Applied Linguistics 54
Arabic 121
Autism and Related Conditions 110
B
Bio-process Engineering 80
Biosciences 56
Biological Sciences 56
Blood Transfusion 89
Business Management 58
C
Chemical Engineering 76
Chemistry 60
Childhood Studies 62
Child Public Health 63
Children and Young People 62
Chinese-English Translation and Language Teaching 54
Chronic Conditions Management 91
Civil Engineering 77
Classics 64
Climate Change 84
Clinical Medicine 116
Clinical Psychology 130
Cognitive Neuroscience 130
Communication, Media Practice and Public Relations 108
Communication Engineering 77
Communications Systems 79
Community Health Studies 89
Community and Primary Health Care Practice 89

Computer Modelling and Finite Elements in Engineering <i>Mechanics</i> 77
Computer Science 66
Computing and Future Interaction Technologies 67
Conservation and Resource Management 56
Creative Writing 82
Criminal Justice and Criminology 70
Criminology 71
Cyber Security 67
Cyber Crime and Terrorism 70/100
Cymraeg 72

D
Data Science 67
Developmental and Therapeutic Play 62
Development and Human Rights 126
Diabetes Practice 111
Digital Media 108

E
Early Modern History 97
Earth Observation 84
Ecology 57
Economics 74
Education for the Health Professions 90
Egyptology 65
Electrical and Electronic Engineering 78
Energy Innovation 80
Engineering 76
Engineering Leadership and Management 78
English Literature 82
Environmental Biology 56
Environmental Dynamics and Climate Change 84
Erasmus Mundus Engineering 77
Erasmus Mundus Journalism, Media and Globalisation 108
Experimental Physics 124

F
Finance 51
Finance and Big Data Analytics 50
Financial Management 50
French 121

G
Genomic Medicine 112
Geography 84
Gerontology 86
German 121
Glaciology 84
Global Environmental Modelling 84
Global Migration 84
Graduate Diploma Law (GDL) 102

H
Health Care Management 91
Health Data Science 112
Health Economics 94
Health Humanities 94
Health Informatics 112
Health Policy 94
Health Psychology 63/94
Health Studies 88
History 96
Human Computer Interaction 68
Human Geography 84
Human Rights Law 100

I
Intellectual Property and Commercial Practice 101
Intelligent Wireless Networks for Health Care 80
International Banking and Finance 51
International Commercial Law 101
International Journalism 108
International Maritime Law 101
International Relations 126
International Security and Development 127
International Trade Law 101
Interpreting 120
Investment Management 51

J
Journalism 108

L
Law 100
Leadership for the Health Professions 114
Legal Practice Course (LPC) 102
LegalTech 100
Logic and Computation 68

M
Management 58
Marine Biology 57
Marketing 104
Materials Engineering 78/80
Mathematics 106
Mathematics and Computing for Finance 106
Mechanical Engineering 78
Media and Communication 109
Media Geographies 84
Medical Education 115
Medical Engineering 80
Medical Law and Ethics 91
Medical Radiation Physics 114

Medicine 110
Medicine – Graduate Entry Programme 111
Medieval Studies 82/98
Membrane Technology 80
Mental Health 89/94/135
Midwifery 90
Modern Languages 120
Molecular Biology 57

N
Nanoelectronics 80
Nanomedicine 114
Nanoscience to Nanotechnology 78
Neonatal Care 90
Non-Medical Prescribing 91/92
Nursing 89/93/94

O
Oil, Gas and Renewable Energy Law 101
P
Physical Geography 84
Physician Associate Studies 115
Physics 124
Politics 126
Power Engineering and Sustainable Energy 79
Psychology 130
Public Health and Health Promotion 92
Public History and Heritage 96
Public Policy 127

S
Simulation Driven Product Design 80
Social Care 135
Social Policy 135
Social Research Methods 134
Social Work 134
Spanish 121

Sport Science 136
Stochastic Processes: Theory and Application 106
Strategic Accounting 51
Sustainable Engineering Management 79

T
Teachers of English to Speakers of Other Languages (TESOL) 54
Theoretical Computer Science 68
Theoretical Physics 124
Tissue Engineering 80
Translation 120

U
Urban Studies 84

V
Visual Computing 68

W
War and Society 138
Welsh 140
Welsh Writing in English 83

THINGS YOU NEED TO KNOW

The following message contains some very important information. This prospectus was printed in the Autumn of 2018. It contains information on the postgraduate programmes that Swansea University intends to run for students who are planning to start university in 2019. We have made every reasonable effort to ensure that the information provided is both helpful and accurate as at the date of publication. However, some changes, for example to programmes, study location, facilities or fees may become necessary due to legitimate staffing, financial, regulatory and academic reasons. We will endeavour at all times to keep any changes to a minimum and to keep prospective students informed appropriately. Any changes to the information contained in this prospectus will be updated on the online course pages at: **www.swansea.ac.uk/postgraduate**

This prospectus is printed on paper made from pulp produced from sustainable sources using vegetable-based inks.

Produced by Swansea University
Design: Icon Creative Design, www.iconcreativedesign.com

Swansea University is a registered charity. No.1138342 © Swansea University 2018

Study at Swansea



1 HOUR

FROM CARDIFF



2 HOURS

FROM BRISTOL



3 HOURS

FROM LONDON



3 HOURS

FROM BIRMINGHAM



4 HOURS

FROM MANCHESTER



VISIT US

Come and discover Swansea University for yourself...

Postgraduate Open Days

- **7 November 2018**
(Singleton Park Campus)
- **14 November 2018**
(Bay Campus)
- **6 March 2019**
(Singleton Park Campus)
- **13 March 2019**
(Bay Campus)

Book your place online:
swansea.ac.uk/postgraduate/open-days

Individual visits

You are welcome to come and take a look around our campuses at any time of year. If you would like to book a campus tour or departmental visit please contact: study@swansea.ac.uk

Virtual tour

Almost as good as being here!
swansea.ac.uk/virtual-tour

Get to know us better :



swansea.ac.uk/postgraduate